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MESSAGE FROM THE PROGRAM CHAIR

Dear Colleagues,

On behalf of the SRNT Program Committee, we welcome you to the 22nd Annual Meeting of the Society for Research on Nicotine and Tobacco (SRNT), in the wonderful city of Chicago!

As always the meeting offers you a transdisciplinary collection of cutting-edge science across the full spectrum of basic and applied research on nicotine and tobacco. This year there will be presentations on a number of pivotal clinical trials, plus hot topics in the field of genomics, biomarkers, cue reactvity, marijuana and tobacco use, e-cigarettes, cigar use, waterpipes, smokeless tobacco, tobacco regulation, and modeling. However, you will notice this year that there is a strong focus on tobacco use disparities and vulnerable populations. Whilst the overall smoking prevalence is reducing in many high-income countries, high rates of smoking persist in certain subgroups. These populations need to be a focus of tobacco control policies and interventions moving forward, so that “no man is left behind” in our efforts to reduce smoking prevalence. In this manner equity is the focus, not just equality.

Several key highlights for the meeting are:

**Wednesday, March 2, 2016**
6:15 p.m.-7:15 p.m.
**KEYNOTE SPEAKER**
*Optimizing The Public Health Impact of Tobacco Taxes*
Professor Frank J. Chaloupka, PhD
Distinguished Professor of Economics & Public Health Director, Health Policy Center University of Illinois at Chicago

**Thursday, March 3, 2016**
8:30 a.m.-9:30 a.m.
**Clinical Theme Lecture and Ove Fernö Award Winner**
*What I Think I Know, and What I Don’t*
Professor Timothy Baker, PhD
University of Wisconsin-Madison, School of Medicine and Public Health, Madison

**Thursday, March 3, 2016**
3:00 p.m.-4:00 p.m.
**Pre-Clinical Theme Lecture**
*Translational Research in Nicotine Dependence: A New Target for an Old Drug*
Professor Julie Blendy, PhD
University of Pennsylvania Medical School, Philadelphia

**Thursday, March 3, 2016**
6:00 p.m.-7:15 p.m.
**Presidential Symposium**
*Highlighted Findings from Wave 1 of the Population Assessment of Tobacco and Health Study*
Andrew Hyland, PhD
Roswell Park Cancer Institute

**Friday, March 4, 2016**
8:30 a.m.-9:30 a.m.
**Public Policy Theme Lecture**
*A Failure of Mission – Distinguishing Nicotine From Tobacco*
Professor Ann McNeill, PhD
National Addiction Centre, King’s College London, UK
Friday, March 4, 2016
4:30 p.m.-5:30 p.m.
Epidemiology and Public Health Themed Lecture
Current U.S. Tobacco Education Campaigns: A Synthesis of Evidence from Formative and Outcome Studies

Donna Vallone, PhD, MPH, Chief Evaluation Science and Research Center Officer, Truth Initiative; Tesfa Alexander, PhD, Director of Research and Evaluation in the Office of Health Communication and Education of the U.S. Food and Drug Administration’s (FDA) Center for Tobacco Products (CTP); Bob Rodes, MS, MBA, Med, Team Lead for the Research, Evaluation and Technical Assistance Team (RETA) in the Health Communications Branch (HCB) at the Centers for Disease Control and Prevention’s Office on Smoking and Health (OSH).

Also, not to be missed:

- The Opening Reception on Wednesday, March 2, from 7:15 p.m.-8:15 p.m., which will include hors d’oeuvres. All attendees are welcome!
- The Opening Remarks and Awards Ceremony on Thursday, March 3, from 8:00 a.m.-8:30 a.m., with special recognition of SRNT awardees: President’s Award Winner, Dr. Ovide Pomerleau; John Slade Award Winner, Dr. Matt Myers; Jarvis-KRussell Award Winner, Dr. Hayden McRobbie; and Ove Fernö Award Winner, Dr. Timothy Baker.
- The SRNT Members’ Meeting on Friday, March 4, 7:30 a.m.-8:30 a.m.
- New Investigator session, Friday, March 4, 3:00 p.m.-4:15 p.m.
- For meeting attendees arriving early, there are eight pre-conference workshops that will be held on Wednesday, March 2 (available at an additional fee). These include:
  - The Changing Landscape of Nicotine and Tobacco Use: What Tobacco Treatment Clinicians and Researchers Need to Know
  - Strengthening Tobacco Research Capacity in Low- and Middle-Income Countries: Strategies, Challenges, and Lessons Learned
  - Building an Evidence Base For Reducing Smoking Disparities Between Indigenous and Non-Indigenous Peoples
  - Tobacco Control in a Rapidly Changing Media Environment
  - Tobacco Industry Documents Research and the Global Health Justice Movement
  - Perspectives on Nicotine: Science and Policy
  - NIH and FDA Funding Opportunities for Early Career Researchers
  - Statistical Analyses of Complex Surveys with Replicate Weights Using SAS Survey Package
- To follow, and as part of the general registration, please join us for the highly interactive Transdisciplinary Topical Discussions on Wednesday afternoon from 3:30 p.m.-4:30 p.m.:
  - Ethical implications of factoring in tobacco use in hiring and insurance policies
Should clinicians counsel tobacco users to reduce or quit through the use of Electronic Nicotine Delivery Systems (ENDS)?

The future of nicotine

What do we need to develop better measures of e-cigarette use, dependence, perceptions, and policy?

What does the endgame for ending the tobacco epidemic look like?

Over the past six months, with a record number of almost 1,000 abstract submissions including rapiids, we have worked thoughtfully to create a timely and high-quality scientific program spanning the full breadth of the nicotine and tobacco research field. Our early registration numbers indicate attendance may break new records, being even higher than last year’s meeting in Philadelphia. Back by popular demand, we are utilizing eight consecutive rooms during podium presentations, so yes, we anticipate hearing it was hard to choose! Additionally, we have created rapid-fire sessions (more talks in shorter time allotments) paired with poster presentations that follow to facilitate further dialogue with the authors.

We encourage you to attend sessions that stretch and expand your expertise, that you engage the company of your colleagues and seek out new connections, and importantly, that you enjoy the meeting and the City of Chicago!

Kind Regards,

Natalie Walker, PhD
Program Chair

Maciej L. Goniewicz, PhD, PharmD, and
Rachel Grana, PhD, MPH
Program Co-Chairs
PROGRAM COMMITTEE

Natalie Walker, PhD
University of Auckland, New Zealand

Program Chair
Maciej L. Goniewicz, PhD, PharmD
Roswell Park Cancer Institute, USA

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Roswell Park Cancer Institute, USA

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University of California, San Francisco

Benjamin Toll, PhD
Medical University of South Carolina, USA

Serena Tonstad, MD, MPH, PhD
Oslo University, Norway and Loma Linda University, USA

Olivia Wackowski, PhD
Rutgers University, USA

Hua Yong, PhD
Cancer Council Victoria

Laurie Zawertalio, PhD
University of Toronto, Canada
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<th><strong>NETWORK ADVISORY COMMITTEE</strong></th>
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<td><strong>Adolescent</strong></td>
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<td>Suzanne Colby, PhD, Brown University</td>
<td>Steven Fu, MD, MSCE, University of Minnesota</td>
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<td><strong>Genetics</strong></td>
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<td>Marissa Ehringer, PhD, University of Colorado</td>
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<td>Lisa Fucito, PhD, Yale University</td>
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ABSTRACT REVIEWERS

Ahmed Fathelrahman, PhD
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Alan Sved, PhD
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<tr>
<th>Year</th>
<th>President</th>
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<tr>
<td>1995</td>
<td>Ovide Pomerleau, PhD</td>
<td>Kenneth Perkins, PhD, Chair</td>
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<td>1996</td>
<td>John Hughes, PhD</td>
<td>Steve Heishman, PhD, Chair</td>
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<td>1997</td>
<td>Neal Benowitz, MD</td>
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<td>1998</td>
<td>Maxine Stitzer, PhD</td>
<td>Scott J. Leischow, PhD, Chair</td>
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<td>1999</td>
<td>Jack Henningfield, PhD</td>
<td>Joy Schmitz, PhD, Chair</td>
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<td>1999-2000</td>
<td>Dorothy Hatsukami, PhD</td>
<td>David Wetter, PhD, Chair</td>
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<td>2000-2001</td>
<td>William Corrigall, PhD</td>
<td>David Wetter, PhD, Chair</td>
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<td>Thomas Eissenberg, PhD, Co-Chair</td>
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<td>2001-2002</td>
<td>Kenneth Perkins, PhD</td>
<td>Thomas Eissenberg, PhD, Chair</td>
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<td>2002-2003</td>
<td>Harry Lando, PhD</td>
<td>Thomas Eissenberg, PhD, Chair</td>
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<td>Laura Cousino Klein, PhD, Co-Chair</td>
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<td>2003-2004</td>
<td>Nancy Rigotti, MD</td>
<td>Laura Cousino Klein, PhD, Chair</td>
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<td>David Drobes, PhD, Co-Chair</td>
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<td>2004-2005</td>
<td>Ken Warner, PhD</td>
<td>David Drobes, PhD, Chair</td>
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<td>Suzanne Colby, PhD, Co-Chair</td>
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<td>Robert West, PhD, Co-Chair</td>
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<td>2005-2006</td>
<td>David Balfour, PhD</td>
<td>Suzanne Colby, PhD, Chair</td>
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<td>Eric C. Donny, PhD, Co-Chair</td>
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<td>Jennifer Tidey, PhD, Co-Chair</td>
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<td>2006-2007</td>
<td>Ellen R. Gritz, PhD</td>
<td>Eric C. Donny, PhD, Chair</td>
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<td>Janet E. Audrain-McGovern, PhD, Co-Chair</td>
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<td>2007-2008</td>
<td>Ray Niaura, PhD</td>
<td>Janet Audrain-McGovern, PhD, Chair</td>
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<td>Bernard Le Foll, MD, PhD, Co-Chair</td>
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<td>2008-2009</td>
<td>Scott J. Leischow, PhD</td>
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<td>Marcus Munafò, PhD, MSc, Chair</td>
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<td>Ann McNeill, BSc, PhD, Co-Chair</td>
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<td>2009-2010</td>
<td>Sue Curry, PhD</td>
<td>Robert A. Schnoll, PhD, Chair</td>
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<td>Darlene Brunzell, PhD, Co-Chair</td>
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<td>Lisa Dierker, PhD, Co-Chair</td>
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<td>2010-2011</td>
<td>Caryn Lerman, PhD</td>
<td>Thomas Gould, PhD, Chair</td>
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<td>Lisa Dierker, PhD, Co-Chair</td>
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<td>Megan Piper, PhD, Co-Chair</td>
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<td>2011-2012</td>
<td>Robert West, PhD</td>
<td>Megan Piper, PhD, Chair</td>
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<td>Kelly Cosgrove, PhD, Co-Chair</td>
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<td>2012-2013</td>
<td>Gary Swan, PhD</td>
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<td>Sean P. David, MD, SM, DPhil, Co-Chair</td>
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<td>2013-2014</td>
<td>Anne Joseph, MD, MPH</td>
<td>Sean P. David, MD, SM, DPhil, Chair</td>
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<td>Judith Prochaska, PhD, MPH, Co-Chair</td>
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<td>2014-2015</td>
<td>Thomas Gould, PhD</td>
<td>Judith Prochaska, PhD, MPH, Chair</td>
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<td>Maciej L. Goniewicz, PhD, PharmD</td>
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<td>Natalie Walker, PhD</td>
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<td>2015-2016</td>
<td>Robin Mermelstein, PhD</td>
<td>Natalie Walker, PhD, Chair</td>
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<td>Maciej L. Goniewicz, PhD, PharmD</td>
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<td>Rachel Grana, PhD, MPH</td>
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The Society has received funding from the following organizations in support of SRNT’s mission to stimulate the generation and dissemination of new scientific knowledge concerning nicotine and tobacco in all their manifestations, from molecular to societal. This support helps to underwrite the work of the Society and our gratitude is extended to each one.

SRNT Sponsors:

- Battelle
- Pfizer, Inc.
- Westat

Supporters of the 2016 Health Disparities Network Travel Awards

- Clearway Minnesota
- Oklahoma Tobacco Research Center
- Truth Initiative
- University of California Office of the President

Please note: Symposia that take place in advance of the meeting, after the meeting’s conclusion, or during evening hours are not part of the SRNT Official Program unless specifically noted. The Program Committee has not reviewed the scientific content of Satellite Symposia. Satellite Symposia presenters are responsible for providing disclosures during their session.

REGISTRATION

Conference registration will be open daily located on the Ballroom, Level 4 of the hotel during the Annual Meeting. Specific locations and the hours for the registration desk at the conference are as follows:

- Tuesday, March 1 (Chicago Ballroom 10) ... 6:00 p.m.-8:00 p.m.
- Wednesday, March 2 (Chicago Ballroom 10) ... 7:00 a.m.-8:00 p.m.
- Thursday, March 3 (Ballroom Promenade) ... 7:00 a.m.-5:00 p.m.
- Friday, March 4 (Ballroom Promenade) ... 8:00 a.m.-5:00 p.m.
- Saturday, March 5 (Ballroom Promenade) ... 8:00 a.m.-1:00 p.m.

BADGES

Your badge will admit you to all of the educational sessions and the poster session at the Annual Meeting. **Wear your badge at all times. Thank you.**

INTERNET ACCESS

Complimentary Internet access (included in your room rate) is available in all guest sleeping rooms. The hotel also offers complimentary Internet in the Link at the Sheraton Cafe located on Level 2. Complimentary high-speed Internet also is available in the hotel meeting space on Levels 2 and 4 only from Tuesday, March 1 to Saturday, March 5, for all SRNT attendees.
EDUCATIONAL OBJECTIVES

- Address nicotine and tobacco’s role in the changing health care environment.
- Describe new research and clinical data on the effects of nicotine and tobacco.
- Discuss recent advances in nicotine and tobacco research.
- Highlight international research on tobacco control.
- Through scientific exchange, integrate current research with implications for clinical practice.

TARGET AUDIENCE

The 22nd Annual Meeting of SRNT is geared toward individuals involved in the research of nicotine and tobacco. This includes basic, clinical, policy, and public health scientists from academia, government, and industry.

CONTINUING EDUCATION CREDIT FOR PSYCHOLOGISTS

Continuing education credits have been approved for licensed psychologists. Postgraduate Institute for Medicine (PIM) is approved by the American Psychological Association to sponsor continuing education for psychologists. PIM maintains responsibility for this program and its content. Full attendance at the sessions and evaluation of each individual session attended is required to receive CE credit for psychologists. Partial credit will not be awarded. Late arrivals or early departures will preclude awarding of CE credits.

CONTINUING EDUCATION CREDIT FOR PHYSICIANS

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Penn State College of Medicine and the Society for Research on Nicotine and Tobacco. Penn State College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Physicians who have completed an MD, DO, or equivalent medical degree from another country, or who have obtained a Fifth Pathway certificate, are eligible to receive AMA PRA Category 1 Credit(s)™.

REQUIREMENTS TO RECEIVE CREDIT

Evaluation of the sessions is integral to the education process. To receive CE credit, participants are required to:

1. Complete the attendance form, indicating only those sessions attended in their entirety;

2. Complete the overall evaluation form and individual evaluations. Psychologists are required to sign in and sign out for all sessions attended; and

3. Return the forms to the registration table to receive their Certificate of Attendance.
POSTER SESSION SETUP SCHEDULE

Poster sessions have specific times designated for the authors to be present to discuss their posters with attendees in the Riverwalk B meeting room (River Exhibition Level 1) at the Sheraton Grand Chicago Hotel.

Poster Schedule

Thursday, March 3, 2016

Poster Session 1
9:30 a.m.-10:00 a.m. .................. Presenters set up posters
11:30 a.m.-1:00 p.m. .................. Poster Session 1 Presenters available at their poster
1:00 p.m.-2:00 p.m. .................. Presenters remove posters
Poster Session 2
2:30 p.m.-3:00 p.m. .................. Presenters set up posters
4:30 p.m.-6:00 p.m. .................. Poster Session 2 Presenters available at their poster
6:00 p.m.-7:00 p.m. .................. Presenters remove posters

Friday, March 4, 2016

Poster Session 3
9:30 a.m.-10:00 a.m. .................. Presenters set up posters
11:30 a.m.-1:00 p.m. .................. Poster Session 3 Presenters available at their poster
1:00 p.m.-2:00 p.m. .................. Presenters remove posters
Poster Session 4
2:30 p.m.-3:00 p.m. .................. Presenters set up posters
5:30 p.m.-7:00 p.m. .................. Poster Session 4 Presenters available at their poster
7:00 p.m.-8:00 p.m. .................. Presenters remove posters

LUNCHES

Boxed lunches will be served on Wednesday, Thursday, and Friday (see below). Bring your badge with you, as it will serve as your ticket for lunch.

Wednesday, March 2, 2016
All Pre-Conference Workshop attendees are entitled to a boxed lunch. The lunches will be available for distribution in the Riverwalk A meeting room (River Exhibition Level 1) starting at 11:45 a.m.

Thursday, March 3, 2016
Boxed lunches will be distributed in the Riverwalk B meeting room (River Exhibition Level 1) starting at 11:15 a.m. Plan to attend Poster Session 1 while eating your boxed lunch!

Friday, March 4, 2016
Boxed lunches will be distributed in the Riverwalk B meeting room (River Exhibition Level 1) starting at 11:15 a.m. Plan to attend Poster Session 3 while eating your boxed lunch!
### SPEAKER READY ROOM

**Important Information for All Oral Presentations:**

The Speaker Ready Room is located in the Ballroom Office (Level 4). Each speaker using computerized audio-visual equipment for their presentation at the 2016 Annual Meeting must report to the Speaker Ready Room to load their presentation on the laptop computer that will be used in their session room. Please review the following schedule and make note of these important times:

<table>
<thead>
<tr>
<th>If Your Presentation Date/Time is.....</th>
<th>Then Your Time to Load Your Presentation is....</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, March 3 between 8:00 a.m.-12:00 noon</td>
<td>Report to the Speaker Ready Room no later than 8:00 p.m. on Wednesday, March 2</td>
</tr>
<tr>
<td>Thursday, March 3 between 1:00 p.m.-5:00 p.m.</td>
<td>Report to the Speaker Ready Room no later than 11:00 a.m. on Thursday, March 3</td>
</tr>
<tr>
<td>Friday, March 4 between 8:00 a.m.-12:00 noon</td>
<td>Report to the Speaker Ready Room no later than 3:00 p.m. on Thursday, March 3</td>
</tr>
<tr>
<td>Friday, March 4 between 1:00 p.m.-5:00 p.m.</td>
<td>Report to the Speaker Ready Room no later than 11:00 a.m. on Friday, March 4</td>
</tr>
<tr>
<td>Saturday, March 5 between 8:00 a.m.-11:15 a.m.</td>
<td>Report to the Speaker Ready Room no later than 3:00 p.m. on Friday, March 4</td>
</tr>
</tbody>
</table>

A technician from our audio-visual company will be available in the Speaker Ready Room to assist you. The Speaker Ready Room will be open at the following times:

- Wednesday, March 2: 1:00 p.m.-8:00 p.m.
- Thursday, March 3: 7:00 a.m.-5:00 p.m.
- Friday, March 4: 7:00 a.m.-5:00 p.m.
- Saturday, March 5: 7:00 a.m.-10:00 a.m.

### CONFERENCE EVALUATION

An overall program evaluation will be emailed to all Annual Meeting participants following the conference. Your feedback is greatly appreciated!
The SRNT will be holding its Members’ Meeting on Friday, March 4, from 7:30 a.m.-8:15 a.m. in Ballroom 10 (Level 4). All SRNT members are encouraged to attend.

2015-2016 SRNT BOARD OF DIRECTORS

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FUTURE SRNT MEETINGS

SRNT 23rd Annual Meeting
March 7-11, 2017
Firenze Fiera Congress & Exhibition Center, Florence, Italy

SRNT 24th Annual Meeting
February 21-24, 2018
Hilton Baltimore, Baltimore, Maryland

SRNT 25th Annual Meeting
February 20-24, 2019
Hilton San Francisco, San Francisco, California

SRNT 26th Annual Meeting
March 11-14, 2020
Hilton New Orleans Riverside, New Orleans, Louisiana
CONFERENCE SAFETY RULES AND GUIDELINES

To ensure the safety and security of our attendees and guests, we have composed the following list of safety rules and guidelines for this conference.

1. When inside the conference venue, nametags should be worn and visibly displayed at all times. For security reasons, we recommend that you DO NOT wear your badge outside of the conference venue. If you lose your badge, please notify registration immediately.

2. If you witness a disruption or security issue, please contact any member of the SRNT staff or hotel security. If you see actions that appear threatening, contact security at once. Hotel emergency number: #88 from any house phone.

3. Please do not leave any bags or articles unsecured in any display area, meeting room, or public area.

4. The Sheraton Grand Chicago is a non-smoking facility – no smoking in any part of the building. Smoking and tobacco products are not permitted in the conference facility areas meeting rooms

5. Do NOT open any fire exit or other access door to any person. Access to the conference is strictly for members and registered conference guests. All access to display areas, meetings, and symposia is through the appropriate entrance doors.

6. If you note any suspicious articles, packages, persons, or activity please contact the event staff or security immediately.

7. Do not give your lodging information to any person. You should not open your room door or grant access to any person claiming to be with the event or hotel staff without proper identification. If you have any doubt, do not open your room door and contact the front desk or hotel security.

8. When venturing outside of the conference facility, take reasonable care to protect yourself. Whenever possible, travel with another person. Remove any conference ID badges and make sure that someone knows where you are going and when you expect to return.

9. In the event of a medical or other emergency, dial 911 or contact hotel security by dialing #88 from any house phone. You may also notify any SRNT or hotel staff person.

10. Hotel emergency procedures, including evacuation routes and emergency numbers are listed in your hotel information guide in your room. We strongly recommend that you review these procedures.

11. Take precautions to protect your personal information. Do not discard your conference materials, receipts, or other personal information without destroying it first. Any documents containing account numbers, social security numbers or other non-public personal information should not be discarded in public trash receptacles.

12. Attendees at this conference are expected to maintain a level of decorum appropriate to the nature and purpose of our meeting. While exchange and debate is welcome where appropriate, any person who is disruptive or abusive in language or manner will be removed and barred from further conference proceedings.

13. Photography is not permitted at the conference. We reserve the right to inspect any and all packages or bags.
REMEMBRANCES OF PIONEERS FOR WHOM SRNT’S 2016 AWARDS ARE NAMED

SRNT’s annual awards presentation will be Thursday, March 3, at 8:00 a.m. in Ballroom 6 (4th Floor). Our awards are named after pioneers in the field of nicotine and tobacco research and we are pleased to remember those pioneers.

PRESIDENT’S AWARD

2016 Award Recipient:
Ovide Pomerleau, PhD

THE JOHN SLADE AWARD

The John Slade Award honors individuals who have made outstanding contributions to public health and tobacco control through science-based public policy and public advocacy.

2016 Award Recipient:
Matthew L. Myers
President, Campaign for Tobacco-Free Kids

JOHN SLADE

Dr. John Slade was an expert on the treatment of alcohol, tobacco and drug addiction, and one of America’s pioneer advocates for tobacco control.

He was a member of the team that conducted the first scholarly analysis of previously secret documents from the Brown and Williamson Tobacco Company, which formed the basis for the film The Insider. John’s analysis led to a landmark series of articles in the Journal of the American Medical Association in 1995 as well as a book, The Cigarette Papers. His groundbreaking research to prove that cigarettes are nicotine delivery devices helped make it possible for the Food and Drug Administration to claim regulatory authority over tobacco products under then-FDA Commissioner Dr. David Kessler.

John was appointed Professor of Medicine, Robert Wood Johnson Medical School of the UMDNJ in 1998. He emerged as a leader in substance abuse prevention and tobacco control for the state of New Jersey through his teaching and clinical work as well as through his active involvement with the Medical Society of New Jersey and the New Jersey Public Health Association. John played a major role in helping New Jersey develop its tobacco prevention and treatment program, funded as part of the 1998 $206 billion settlement with tobacco companies.

He co-edited the first major clinical textbook on nicotine addiction and founded the Committee on Nicotine Dependence of the American Society of Addiction Medicine (ASAM).

THE JARVIK-RUSSELL NEW INVESTIGATOR AWARD

The Jarvik-Russell Young Investigator Award, named after Murray Jarvik and Michael Russell, recognizes scientists early in their careers who have made extraordinary contributions to the field of nicotine and tobacco research.

2016 Award Recipient:
Hayden McRobbie, MB, ChB, PhD
Queen Mary University, London
Wolfson Institute of Preventative Medicine
MURRAY E. JARVIK

Dr. Murray Jarvik was born in New York City in 1923. Following medical school, Murray worked at the Yerkes Laboratory in Florida. It was here that he serendipitously witnessed a monkey that would smoke cigarettes. A Fellowship at Mount Sinai Hospital in New York followed, where Murray became one of the pre-eminent researchers studying a newly discovered substance: LSD.

LSD research pivoted Murray into the emerging field of psycho-pharmacology in the mid-1950’s and to a professorial position at the newly created Albert Einstein School of Medicine. It was here that Murray established himself as a premier researcher on effects of drugs on learning and behavior.

Murray’s interests in the mid-1960s turned toward tobacco smoking. Although Murray continued, initially, to study the effects of other drugs and memory, he eventually shifted his focus to smoking and nicotine addiction almost entirely.

One of the first projects he attempted, spurred by the very memorable observation at Yerkes, was to attempt to get monkeys to smoke. This was partially successful and led to experiments with humans and rats so that by 1970 Murray had collected sufficient data to suggest that nicotine was key in the reinforcement of smoking. His work was included in subsequent Surgeon General Reports on smoking and nicotine addiction.

Perhaps Murray Jarvik's most notable achievement was work done with Jed Rose in the 1980's investigating the possibility of delivering nicotine through the skin in sufficient quantities to affect smoking behavior. At first, their approach was quite simple, a basic poultice of nicotine. After much development, they were able to patent the concept of a nicotine transdermal patch, which they turned over to UCLA. It soon made it into production as the second FDA-approved pharmacologic treatment for smoking cessation after nicotine gum. With both established efficacy and ease of use, it was highly successful, for several years among the top three most profitable patents for the University of California.

MICHAEL RUSSELL

By the 1960s, the emerging evidence of the danger of cigarette smoking was clear, but there was very little understanding of why people smoked. Cigarette smoking was generally thought of as a habit, with pharmacological factors receiving little or no attention.

Michael Russell was the man who did most to revolutionize our understanding. His research led to the 1988 report of the US Surgeon General, Nicotine Addiction, which finally brought recognition that cigarette smoking is a classic drug dependence.

Russell was a psychiatrist in training at the Maudsley hospital, in south London, when he chose the topic of cigarette smoking for his research thesis in 1967. Based on his review of what was then fragmentary research literature, he concluded in a 1971 paper that the drug nicotine was the motivating force underlying smoking behavior. He made the study of the interacting pharmacological and psychological determinants of tobacco dependence his life's work.

Mike is regarded by many as the father of effective treatment to help smokers quit. But he is probably best known in the cessation field for a non-pharmacological intervention. In 1979 he published a trial examining the effectiveness of brief advice to quit smoking given by GPs in the course of routine consultations. The one-year success rate was 5%, compared with less than 1%
in controls. A successful trial of nicotine chewing gum combined with brief advice in primary care followed. Mike Russell moved towards the concept of an integrated district smoking cessation service, in which routine delivery of advice and pharmacological therapy in primary care was combined with intensive clinic support. That vision has now been realized in Great Britain’s National Health Service.

2016 NEW INVESTIGATOR BEST ABSTRACT AWARD RECIPIENTS

Heather D’Angelo, PhD, MHS, MS
Gillings School of Global Public Health
University of North Carolina, Chapel Hill

Chad Lerner, PhD
Department of Environmental Science
University of Rochester

Jason Oliver, PhD
Department of Psychiatry and Behavioral Sciences
Duke University School of Medicine

THE FERNÖ CLINICAL RESEARCH AWARD

The Fernö Award, named after Ove Fernö, honors scientists who have made groundbreaking advances in clinical research in one of three areas: 1) the pharmacological and behavioral actions of nicotine; 2) increased understanding on why people use tobacco; or 3) interventions to prevent tobacco use, to encourage or help tobacco users stop, and/or to reduce the adverse effects of tobacco use.

2016 Award Recipient:

Timothy Baker, PhD
University of Wisconsin-Madison
School of Medicine and Public Health

Ove Fernö was the inventor of nicotine replacement (NR). He was born in Gothenburg in 1916 and was trained as an organic chemist at the University of Lund, Lund, Sweden. During the late 1960s and 70s he was responsible for the development of the first NR product—a chewing gum. Tens of millions of smokers have used nicotine gum to aid their cessation attempts.

In the United States, Dr. Murray Jarvik and Dr. Nina Schneider were the first to experiment with the gum; they became great ambassadors and conducted many important studies. The nicotine gum was first presented at the World Conference on Smoking and Health in New York in 1975.

Today, NR is marketed in some 70 countries.

Ove Fernö’s thinking and foresight, and perhaps personal circumstances, made him a decisive driver in the development of Nicotine Replacement. His work has helped countless smokers to break the dependence. But he was also a great man to spend an evening with, usually over a glass of beer, to speculate about the future of NT and other matters of importance, very often philosophy.
2016 SRNT TRAVEL AWARD WINNERS

Disparities recipients:
Lin Li, Australia
Frank Bandiera, USA

Genetics recipient:
Bader Chaarani, USA

Pre-Clinical recipients:
Rima Nakkash, Lebanon
Eleanor Leavins, USA

Policy recipients:
Sandra Braun, Argentina
Robert Garcia, USA

Youth/Adolescent recipients:
Paola Morello, Argentina
Robert Urman, USA

Clinical recipients:
Taranee Taghavi, Canada
Barbara Pineriro, Spain

2016 SRNT HEALTH DISPARITIES NETWORK SCHOLARSHIP RECIPIENTS

• Pratibha Nayak
• Latrice Montgomery
• Michael Dunbar
• Adam Alexander
• Andy Tan
• Sabrina Smiley
• Jaime Perales
• Jessica Barrington-Trimis
• Kelly Young-Wolff
• Basil Mathews
• Jimmy Manyanga
• Patrick Hammett
• Olamide Ojo-Fati

2016 SRNT SPONSORS & EXHIBITORS

Plan time in your schedule to visit with the SRNT sponsors and exhibitors. They will be located in the Ballroom Promenade (Level 4) and in Sheraton Ballroom 5 (Level 4). Thanks to all the companies exhibiting this year—SRNT appreciates their financial support!

Exhibit Hours:

Thursday, March 3, 2016 ................ 9:30 a.m.-3:30 p.m.
Friday, March 4, 2016 ................... 9:30 a.m.-3:30 p.m.
MEETING ROOM FLOOR PLANS

SHERATON GRAND HOTEL

BALLROOM LEVEL 4

Ballroom Level 4

SHERATON BALLROOM IV
SHERATON BALLROOM V
SHERATON BALLROOM III
SHERATON BALLROOM II
SHERATON BALLROOM I
CHICAGO BALLROOM VII
CHICAGO BALLROOM VI
CHICAGO BALLROOM VIII
CHICAGO BALLROOM IX
CHICAGO BALLROOM X
SHERATON CHICAGO BALLROOM

Ballroom Office

Men
Women
Elev.

Floor
18-34
7-17

Free Freight Elev.

SRNT Registration Area

Exhibit Area

General Session

Ballroom Promenade
MEETING ROOM FLOOR PLANS

SHERATON GRAND HOTEL

LOBBY LEVEL 3

[Diagram of Lobby Level 3 of Sheraton Grand Hotel]
MEETING ROOM FLOOR PLANS

SHERATON GRAND HOTEL

RIVER EXHIBITION LEVEL 1

Poster Session Area

Registration

Riverwalk Promenade

CBC Waterfront Lounge

Chicago Burger Co.

Outdoor Cafe

MEETING ROOM FLOOR PLANS
SESSION SUMMARY
WEDNESDAY
MARCH 2, 2016
WEDNESDAY, MARCH 2, 2016

7:00 a.m.-8:00 p.m. .................. Chicago Ballroom 10 (Level 4)  
Registration

8:00 a.m.-12:00 noon
Pre-Conference Workshops

(available at an additional fee)

8:00 a.m.-12:00 noon ............. Chicago Ballroom 9 (Level 4)  
Pre-Conference Workshop #1

The Changing Landscape of Nicotine and Tobacco Use:  
What Tobacco Treatment Clinicians and Researchers Need  
 to Know
Speakers: Timothy Baker, PhD, University of Wisconsin;  
Leonie Brose, PhD, King’s College London; Chris Bullen,  
PhD, The University of Auckland; Dorothy Hatsukami, PhD,  
University of Minnesota; Natalie Walker, PhD, The University  
of Auckland

Moderators: Lisa Fucito, PhD, Yale School of Medicine; Benja-  
min Toll, PhD, Medical University of South Carolina

Sponsored by the SRNT Treatment Network

8:00 a.m.-12:00 noon .................. Erie (Level 2)  
Pre-Conference Workshop #2

Strengthening Tobacco Research Capacity in Low- and  
Middle-Income Countries: Strategies, Challenges, and Les- 
sons Learned
Speakers: Lekan Ayo-Yusuf, PhD, MPH, Sefako Magatho  
Health Sciences University, University of Limpopo, University  
of Pretoria; Joaquin Barnoya, MD, MPH, Washington University  
School of Medicine at St. Louis; Joanna Cohen, PhD, Johns  
Hopkins University; Jeffrey Drope, PhD, American Cancer  
Society; Geoffrey Fong, PhD, University of Waterloo; Wasim  
Maziak, MD, Florida International University; Raúl Mejía, MD,  
PhD, Universidad de Buenos Aires; Rima Nakkash, DrPH,  
University of Beirut; Jonathan Samet, MD, MS, University of  
Southern California

Moderators: Carla J. Berg, PhD, Emory University; James T.  
Thrasher, PhD, University of South Carolina

Sponsored by the SRNT Global Health Network

8:00 a.m.-12:00 noon .................. Superior A (Level 2)  
Pre-Conference Workshop #3

Building an Evidence Base for Reducing Smoking Dispari- 
ties Between Indigenous and Non-Indigenous Peoples
Speakers: Vicki Biggs, PhD candidate and ex-director for the  
Australian Centre for Excellence in Indigenous Tobacco Con- 
trol; Joanne D'Silva, MPH, ClearWay Minnesota, Minneapolis;  
Dr Patricia Nez Henderson, MD, MPH, BlackHills Center for  
American Indian Health, Rapid City; Dr El-Shadan Tautolo,  
PhD, AUT University, Auckland, NZ Stephanie Erick, Director  
ASH NZ, and Andrew Waa, MPH, ASPIRE2025, University of  
Otago, Wellington, NZ

Sponsored by Black Hills Center for American Indian Health

8:00 a.m.-12:00 noon .................. Ontario (Level 2)  
Pre-Conference Workshop #4

Tobacco Control in a Rapidly Changing Media Environment
Speakers: Dr. Sherry Emery, Director of the Health Media Collaboratory, Institute for Health Research and Policy at the University of Illinois at Chicago; Dr. Joseph Cappella, Gerald R. Miller Professor of Communication, Annenberg School for Communication at the University of Pennsylvania; Dr. Annice Kim, Senior Social Scientist at RTI International; Dr. Ganna Kostygina, Senior Research Specialist, Health Media Collaboratory at UIC

Sponsored by Health Media Collaboratory at UIC

8:00 a.m.-12:00 noon . . . . . Superior B (Level 2)
Pre-Conference Workshop #5
Tobacco Industry Documents Research and Global Health Justice Movement
Speakers: Marty Otañez, Associate Professor, Anthropology Department, University of Colorado, Denver; Kellen Nyamurungi Namusisi, MSc Advisor Monitoring and Evaluation, Centre for Tobacco Control in Africa; Paul Bukusu, MPH, Co-Principal Investigator, Tobacco Documents Research in Africa; Hadii Mamudu, Associate Professor, Department of Health Services Management and Policy, East Tennessee State University; Lily Sahagian, Undergraduate Student Researcher, Public Health, University of Colorado, Denver

Sponsored by The Center for Tobacco Control in Africa (Uganda)

8:00 a.m.-12:00 noon . . . . . . . . . . . . . . Chicago Ballroom 8 (Level 4 Floor)
Pre-Conference Workshop #6
Perspectives on Nicotine: Science and Policy
Chair: Cathy L. Backinger, PhD, MPH, Center for Tobacco Products, U.S. Food and Drug Administration
Speakers: Neal Benowitz, MD, University of California, San Francisco; Sarah Johnson, PhD, Center for Tobacco Products, U.S. Food and Drug Administration; Michael B. Steinberg, MD, MPH, FACP, Rutgers University; Nicolette Borek, PhD, Center for Tobacco Products, U.S. Food and Drug Administration; Monica S. Ruiz, PhD, MPH, The George Washington University

Moderator: Mitchell Zeller, JD, Center for Tobacco Products, U.S. Food and Drug Administration
Panelists: Jonathan P. Winickoff, MD, MPH, Harvard University; Robert West, PhD, University College London; Matthew L. Myers, JD, Campaign for Tobacco Free Kids; Thomas J. Miller, JD, Attorney General of Iowa; Dorothy Hatsukami, PhD, University of Minnesota

Sponsored by the Center for Tobacco Products, FDA

8:00 a.m.-12:00 noon . . . . . . . . . . . . . . Huron (Level 2)
Pre-Conference Workshop #7
NIH and FDA Funding Opportunities for Early Career Researchers
Speakers: Samia Noursi, PhD, Program Official, Division of Services and Prevention Research, National Institute on Drug Abuse (NIDA), National Institutes of Health (NIH); Danielle Ramo, PhD, Department of Psychiatry, University of California, San Francisco; Dana van Bemmelen, PhD, Assistant Deputy Director for Research, Office of Science, Center for Tobacco Products, Food and Drug Administration (FDA); Erik Augustson, PhD, MPH, Program Director, Tobacco Control Research Branch (TCRB), Behavioral Research Program (BRP), National Cancer Institute (NCI), National Institutes of
Health (NIH); Judith J. Prochaska, PhD, MPH, Stanford Prevention Research Center, Department of Medicine, Stanford University

Moderators: Judith J. Prochaska, PhD, Stanford Prevention Research Centre;

Meg Fluharty, MRes, University of Bristol

Sponsored by SRNT Trainee Network

8:00 a.m.-12:00 noon .......... Missouri (Level 2)
Pre-Conference Workshop #8

Statistical Analysis of Complex Surveys With Replicate Weights Using SAS Survey Package
Speaker: The instructor, Dr. Julia Soulakova, Associate Professor, Department of Statistics, University of Nebraska-Lincoln (UNL), also has a courtesy appointment at the Survey Research and Methodology Program, UNL. She has expertise in survey sampling and social-behavioral sciences. Dr. Soulakova teaches undergraduate course “Intro to Survey Sampling” and graduate course “Survey Sampling,” and conducts research on smoking cessation using data from the Tobacco Use Supplement to the Current Population Survey, the key source of smoking-related behaviors in the US.

1:00 p.m.-3:15 p.m.
Network Meetings

Plan to join your colleagues and attend the Network meeting of interest.

1:00 p.m.-2:00 p.m.
Adolescent Network Meeting: Mississippi (Level 2)
Genetics Network Meeting: Arkansas (Level 2)
Global Health Network Meeting: Ohio (Level 2)
Health Disparities Network Meeting: Chicago 8 (Level 4)

2:15 p.m.-3:15 p.m.
Basic Science Network Meeting: Missouri (Level 2)
Public Health Policy Network Meeting: Ontario (Level 2)
Treatment Network Meeting: Chicago 8 (Level 4)

1:00 p.m.-8:00 p.m. ................. Ballroom Office (Level 4)
Speaker Ready Room

3:30 p.m.-4:30 p.m.
Transdisciplinary Topical Discussions (#1-#5 are held concurrently)

Session Chair: David L. Ashley, PhD, RADM

These roundtable sessions have been selected to address a diverse array of pressing questions in our field. They will be moderated by world leading experts who will stimulate and encourage group discussion. These sessions are designed to be transdisciplinary—covering preclinical and clinical research and diverse methodologies. You do not need to be an expert in the subject area to attend a session—in fact we encourage that you cross boundaries and take the opportunity to participate in new topical discussions that will develop novel ideas and viewpoints.
The Future of Nicotine

Nicotine is and has been at the heart of the global tobacco use epidemic because addiction to nicotine is the primary reason why millions of users continue to use smoke, which is inherently deadly. However, regulated therapeutic nicotine delivery systems like patch and gum have low addiction potential given their relatively slow and low (compared to tobacco) delivery of nicotine, and this has allowed them to be sold over-the-counter in the US and other countries. But now ENDS products are widely available and there are currently no U.S. federal regulations governing the level of nicotine they deliver. The emergence of ENDS has raised debate about their potential for delivering nicotine comparable to cigarettes to help smokers quit, balanced against the concerns prompted by their use by youth as well as concerns that youth use of ENDS will lead to tobacco use. The rapid increase in ENDS products and use has caused many stakeholders - public, corporate, scientific and regulatory - to review how they think about and act on products that deliver nicotine. The objective of this session is to discuss critical research needs, challenges to achieving public health goals in a complex and evolving environment, and critical research and regulatory questions that will help to determine the future of nicotine as a consumer and medicinal product.

Moderator: Scott Leischow, PhD

Should Clinicians Counsel Tobacco Users to Reduce or Quit Through the use of Electronic Nicotine Delivery Systems (ENDS)?

The clinical utility of Electronic Nicotine Delivery Systems (ENDS), such as e-cigarettes, for smoking cessation is an area of intense controversy in the public health and medical literature. Many tobacco users use e-cigarettes in an attempt to cut down or quit combustible cigarettes. However, it appears that a majority of those attempting to quit smoking combustible cigarettes with e-cigarettes are not successful in completely weaning off combustible tobacco, resulting in the dual use of combustible tobacco and electronic cigarettes. Many dual users think that reduction is an acceptable outcome. Cigarette smokers, exclusive e-cigarette users and increasingly dual users show up at the clinician’s office seeking help in quitting their nicotine habits. Some clinicians feel ENDS are effective cessation tools, with safety profiles as good as FDA approved cessation products like nicotine patches, making their utility for cessation high. Other clinicians and treatment specialist feel that data do not show effectiveness for cessation and have an unknown safety profile compared to approved FDA cessation therapies, making their use for smoking cessation questionable at best. Throughout all these clinical discussions, patients are left to wonder which view is correct. This session will encourage discussion of the evidence and the different perspectives, including a discussion of challenges from different ethical, medical and policy frameworks for integrating harm reduction counseling into clinical practice.

Moderators: Adam O. Goldstein, MD, MPH; Edward Anselm, MD

What Does the Endgame for Ending the Tobacco Epidemic Look Like?

Across the world, the strategies for moving beyond tobacco control, which assumes the presence of tobacco in society but
with parameters, toward an “endgame” for ending the tobacco epidemic, have increasingly been discussed and debated. Some countries have already initiated endgame goals, such as New Zealand which has committed to becoming a smoke-free society by 2025, and others are still pondering this possibility. This session will encourage discussion of the range of policies and proposals for a tobacco endgame, including discussing what that could look like in the U.S.

Moderators: Janet Hoek, PhD; Natalie Walker, PhD

TTD #4  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Erie (Level 2)
What Do We Need to Develop Better Measures of E-Cigarette Use, Dependence, Perceptions, and Policy?
There is a need for well-developed and validated measures of e-cigarette use, dependence, and perceptions. Such measures would greatly enhance our ability to provide data that will inform the field as well as regulation of e-cigarettes. In particular, we need measures of e-cigarette use that consider different device types, users, and age groups; different use patterns including quantity or intensity of use; and validated and agreed-upon measures of nicotine dependence. Developing and testing these measures will allow for a more uniform set of measures that can be used across studies, yielding more consistent findings that can be applied to regulatory science and policy. This session will provide a forum to discuss the current state of knowledge regarding e-cigarette measurement and future directions for research.

Moderators: Bonnie Halpern-Felsher, PhD; Hyoshin Kim, PhD; Scott Weaver, PhD

TTD #5  . . . . . . . . . . . . . . . . . . . . . . . . . . . Superior B  (Level 2)
Ethical Implications of Factoring in Tobacco Use in Hiring and Insurance Policies
Over the past several decades, insurance companies have increasingly charged higher premiums to smokers and encouraged cessation as a means to reducing the burden on the health care system and in order to offset the higher expenditures accrued by smokers and other tobacco product users. In a related recent policy trend, companies and academic institutions have incorporated tobacco use restrictions into their hiring practices, requiring their new hires to be non-smokers or non-tobacco users. There is significant debate about the ethical implications of such policies. Is this the prerogative of a company or academic institution to seek to eliminate tobacco use in their workforce as a source of decreased productivity and increased expense? Or do these policies constitute discrimination against a class of people for a personal behavior, particularly in light of socioeconomic disparities between smokers and non-smokers? This session will feature discussion of these and related issues.

Moderator: Stanton A. Glantz, PhD

4:45 p.m.-6:15 p.m. ............. Chicago Ballroom 6 (Level 4)
Special Symposium
How Science Informs FDA’s Regulatory Decisions: Deeming, PMTA, and MRTPA
Chair: David L. Ashley, PhD, RADM, US Public Health Service, Director, Office of Science
The final rule to deem additional products meeting the statutory definition of “tobacco product” to be regulated under the jurisdiction of the Food and Drug Administration’s tobacco products regulatory authority is anticipated to be published prior to the 2016 SNRT Annual Meeting. As such, FDA will be able to use its tools to regulate these products in order to pro-
tect public health. As science underpins the regulatory actions of the Center for Tobacco Products (CTP), this session will highlight how the “Deeming” rule, premarket tobacco product application (PMTA), and modified risk tobacco product application (MRTPA) are regulatory science in action. The Director, CTP will provide an overview of recent CTP accomplishments. The Director, Office of Science, CTP will provide a summary of the scientific evidence used to inform provisions in the Deeming rule. CTP Scientists will summarize how regulatory science informs PMTA and MRTPA decisions.

**Presenters:**

- **Overview of recent CTP Accomplishments**  
  Mitchell Zeller, J.D., Director, Center for Tobacco Products

- **Overview of Deeming Regulation**  
  David L. Ashley, PhD, RADM, US Public Health Service, Director, Office of Science

- **Premarket Tobacco Product Application (PMTA) Decisions**  
  Ii-Lun Chen, MD, Director, Division of Individual Health Science

- **Modified Risk Tobacco Product Application (MRTP) Decisions**  
  Conrad Choiniere, PhD, Director, Division of Population Health Science

**6:15 p.m.-7:15 p.m. ............. Chicago Ballroom 6 (Level 4)**

**Keynote Speaker**

*Optimizing the Public Health Impact of Tobacco Taxes*

**Professor Frank J. Chaloupka, PhD**  
Distinguished Professor of Economics & Public Health  
Director, Health Policy Center University of Illinois at Chicago

**7:15 p.m.-8:15 p.m. ........ Fountainview & CHI Bar (Lobby Level 3)**

**Opening Reception**

*(All attendees are welcome! Cash bar and hors d’oeuvres)*
SESSION SUMMARY
THURSDAY
MARCH 3, 2016
THURSDAY, MARCH 3, 2016

7:00 a.m.-5:00 p.m. ............... Ballroom Promenade (Level 4)
Registration

7:00 a.m.-5:00 p.m. ................. Ballroom Office (Level 4)
Speaker Ready Room

7:00 a.m.-8:00 a.m. ................. Mississippi (Level 2)
Meet the Editor

8:00 a.m.-9:30 a.m. ................. Chicago Ballroom 6 (Level 4)
Welcome/Awards/Lecture
   Session Chair: Tom Glynn, PhD

8:00 a.m.
WELCOME AND OPENING REMARKS BY THE
PRESIDENT OF SRNT
   Robin Mermelstein, PhD

8:10 a.m.
AWARDS
   Tom Glynn, PhD
   Chair, Awards Sub-Committee

PRESIDENT'S AWARD
   Ovide Pomerleau, PhD

JOHN SLADE AWARD
   Matthew L. Myers,
   Campaign for Tobacco-Free Kids

NEW INVESTIGATOR BEST ABSTRACT AWARD
RECIPIENTS
   Heather D’Angelo, PhD, MHS
   Division of Cancer Control and Population Sciences
   National Cancer Institute

   Chad Lerner, PhD
   Department of Environmental Science
   University of Rochester

   Jason A. Oliver, PhD
   Department of Psychiatry & Behavioral Sciences
   Duke University School of Medicine

JARVIK-RUSSELL NEW INVESTIGATOR AWARD
   Hayden McRobbie, MB, ChB, PhD
   Queen Mary University, London
   Wolfson Institute of Preventative Medicine

OVE FERNÖ AWARD
   Timothy Baker, PhD
   School of Medicine & Public Health
   University of Wisconsin, Madison

8:30 a.m.-9:30 a.m. ................. Chicago Ballroom 6 (Level 4)
Clinical Theme Lecture and Ove Fernö Award Winner
   What I Think I Know, and What I Don’t
   Professor Timothy Baker, PhD
   School of Medicine & Public Health
   University of Wisconsin, Madison

9:30 a.m.-10:00 a.m. ................. Chicago Ballroom 5 (Level 4)
Refreshment Break and Exhibit Time
In recent years, smoking among those without mental illness has declined while the smoking rate among those with mental illness have remained steady. Thus, there exists a health disparity such that individuals with mental illness are more likely to smoke and less successful at tobacco cessation than those without. More research is needed into potential mechanisms that maintain smoking in those with mental illness and treatment targets and models for this population. This symposium will provide information on differential reactions to nicotine content in two different mental health populations: individuals with major depression (MDD) and individuals with posttraumatic stress disorder (PTSD). Three different modes of treatment will be evaluated: reduced nicotine cigarettes, behavioral activation for depressed mood and smoking, and proactive connection to tobacco cessation resources. Dr. Cook will present on an experimental study examining the effects of different smoking manipulations on positive and negative affect responses in smokers with PTSD, MDD, and controls. Dr. Tidey will present on the effects of reduced nicotine cigarettes (vs. standard cigarettes) on depressed mood, smoking rates and craving in smokers with or without depression during a 6 week period of cigarette use. Dr. Japuntich will present on the effectiveness of a proactive tobacco cessation intervention vs. usual care in Veteran smokers with and without a diagnosis of mental illness. Dr. Busch will present on the results of a pilot randomized clinical trial testing Behavioral Activation Treatment for smoking and depressed mood in smokers hospitalized with acute coronary syndrome. The discussant, Dr. Hitsman, will provide a summary of the current state of knowledge regarding mechanisms and treatments for smokers with mental illness and lead a discussion of future directions of smoking and mental illness research.
Smokeless tobacco (ST) products are consumed worldwide and pose a major health threat. Despite its widespread use and substantial disease burden, the issue remains a neglected one. A major obstacle in agreeing on a global approach to control ST is the diverse nature of its products available globally. These differ in their toxicity and addiciveness depending upon their carcinogen, nicotine, and pH levels, which themselves are dependent on their preparation methods, additional ingredients, and consumption behaviours. Therefore, ST isn’t a single entity, and any global effort to control ST should reflect on this diversity. This symposium brings together leading researchers from Africa, Asia, Europe, and North America to first highlight the diversity in ST, its use, health risks and dependence and then to discuss initiatives to control ST use. In first presentation, Siddiqi will first describe the diverse range of ST products, their use and then highlight associated risks and burden of disease across the globe. In second presentation, Vidyasagar and Huque will present their findings on the distribution and determinants of nicotine dependency among ST users in India and Bangladesh, respectively. Their study, for the first time, will present data on cotinine concentration in ST users from anywhere in Asia. In third presentation, NM will describe his research on ST dependence evaluating different approaches and measures of dependence among ST users. In fourth presentation, Dogar will describe her work on developing and evaluating a bespoke behavioural support intervention to support ST cessation. Her research with ST users of South Asian-origin will highlight differences in their beliefs, attitudes and behaviours in two different settings, Pakistan and the UK. In final presentation, Ayo-Yusuf will present, for the first time from African region, data from four rounds of GYTS surveys conducted in South Africa since 1999. He will report on the association between tobacco initiation (with or without ST) and becoming an established regular cigarette smoker in adolescence. The symposium will conclude with a discussion on policy and knowledge gaps that are hampering progress on ST control in Low- and Middle-income Countries.

10:00 a.m.-11:30 a.m. Sheraton Ballroom 1 (Level 4) Podium Presentation 1: Symposium 3 DEVELOPMENTAL TOXICITY OF NICOTINE DURING ADOLESCENCE: A TRANSDISCIPLINARY SYNTHESIS AND IMPLICATIONS FOR EMERGING TOBACCO PRODUCTS Co-chairs: Lucinda England MD, MSPH, and Rachel Grana PhD, MPH Presenters: Frances M. Leslie, PhD, University of California Irvine; Thomas J. Gould, PhD, Temple University; Mark Rubinstein, MD, University of California San Francisco Discussants: Dorothy Hatsukami PhD, Terry Pechacek PhD, and Jonathan Winickoff, MD Audience: PC, C, PH/E, P

The proliferation of novel nicotine-containing products, such as electronic cigarettes, and the rapid increase in their use by middle and high school students raises serious concerns about the health effects of nicotine exposure during critical periods of development. In addition, references to purported benefits of nicotine, such as positive effects on cognitive function, are increasingly prevalent in the popular media. Electronic cigarette use has increased dramatically among U.S. middle and high school students, and now exceeds conventional cigarette use. Nicotine exposure from electronic cigarettes and from
other tobacco products during sensitive developmental periods, including adolescence, is of great concern because of its potential to cause long-term changes in brain structure and function. Specifically, adolescent nicotine use may produce long-term cognitive deficits; early adolescent tobacco use has been associated with memory deficits and late adolescent use has been associated with cognitive deficits that emerged after initiation of smoking. Epidemiological and clinical studies have found associations between adolescent tobacco exposure and adverse behavioral outcomes, deficits in auditory processing, affective disorders, and increased vulnerability to addiction. Animal research is congruent with the observational human data, finding that adolescent nicotine exposure disrupts neural circuits involved in attention, learning, and susceptibility to addiction. The increasing convergence between differing scientific disciplines supports that exogenous nicotine exposure during windows of vulnerability produces persistent changes in developing brain structure and function, potentially resulting in long-term cognitive deficits, affective disorders, and other mental health problems, including addiction. Scientists from varied disciplines will review emerging scientific literature related to adolescent brain development and the effects of tobacco and nicotine exposure during this critical period of development. A panel discussion will address research gaps as well as public health, policy, and regulatory implications of nicotine use in adolescents in the context of current trends in tobacco use, and measures to protect adolescent health.

10:00 a.m.-11:30 a.m.............. Sheraton 4 (Level 4)
Podium Presentation 1: Symposium 4
EVALUATING CURRENT E-CIGARETTE MARKETING THROUGH A LEGAL LENS
Chair: Elizabeth G. Klein, PhD, MPH, Ohio State University
Presenters: Kim Wagoner, PhD, Wake Forest University; Brittny Keller, MPH, Ohio State University; Annice Kim, PhD, RTI International; Elizabeth G. Klein, PhD, MPH, Ohio State University
Audience: PH/E, P
Electronic nicotine delivery systems (ENDS) manufacturers and retailers are using a wide range of marketing channels and messages to promote ENDS use. Key promotional channels include magazine advertisements, social media content (paid and unpaid), websites, television, radio, and point-of-sale marketing. Messaging has included themes relating to smoking cessation, reduced risk, ability to use “everywhere,” popularity/sex appeal, and more. Some of these messages may violate the law (particularly when the proposed Deeming Rule goes into effect) and/or provide misinformation to consumers. Thus, there is a critical need to track and assess the marketing channels and various types of claims made regarding ENDS. This symposium will provide new research findings across a diverse spectrum of methods to characterize the amount of marketing exposures in youth, young adults, and adults, then deconstruct the legal status of the claims made through print, electronic, and in-person channels. This work provides important baseline information for the FDA as it prepares to finalize and then enforce its Deeming Rule. First, Dr. Wagoner will present results of a nationally representative sample of youth and adults to characterize ENDS marketing exposures. Next, Ms. Keller will provide results on a content analysis for health and reward cues in print advertising found in popular magazines, and provide comparisons to cigarette and smokeless ads. Dr. Kim will present findings from studies of ENDS-content on social media, particularly Twitter. Finally, Dr. Klein will present a content analysis of the health themes present in the websites of manufacturers and retail sellers of
ENDS. As Discussant, Mr. Berman will summarize the legal implications for ENDS marketing under current law and the proposed Deeming Rule; he will also provide insights on the implications of these data for tobacco control regulatory policy and decision-making.

10:00 a.m.-11:30 a.m. Sheraton Ballroom 3 (Level 4) Podium Presentation 1: Paper Session 1 FLAVORED NON-CIGARETTE TOBACCO PRODUCTS

Session Chair: Carolyn Dresler, PhD
Audience: PC, PH/E, P

10:00 a.m.-10:15 a.m.
PROCESS EVALUATION OF THE NEW YORK CITY ORDINANCE RESTRICTING SALES OF FLAVORED NON-CIGARETTE TOBACCO PRODUCTS: HISTORICAL AND LEGAL PERSPECTIVES
Elizabeth (Betty) Brown, MPH\*1, Michelle Barnes, MPH\*, Maggie Mahoney, JD\*, Maureen O’Brien, JD\*, Matthew Eggers, MPH\*, Todd Rogers, PhD\*, Tarsha McCrae, MPH\*, 1RTI International, 2Public Health Law Center, William Mitchell College of Law, 3Center for Tobacco Products, Food and Drug Administration

10:15 a.m.-10:30 a.m.
RETAILER COMPLIANCE WITH THE 2009 NEW YORK CITY ORDINANCE RESTRICTING SALES OF FLAVORED NON-CIGARETTE TOBACCO PRODUCTS
Todd Rogers, PhD\*1, Elizabeth (Betty) Brown, MPH\*, Matthew Eggers, MPH\*, Meg Chambard, BA\*, Shannon Farley, DrPH, MPH\*, Tarsha McCrae, MPH\*, Martha Engstrom, MS\*, Cindy Tworek, PhD\*, Enver Holder-Hayes, MPH\*, 1RTI International, 2New York City Department of Health and Mental Hygiene, 3Center for Tobacco Products, Food and Drug Administration

10:30 a.m.-10:45 a.m.
ASSESSING EFFECTS OF THE NEW YORK CITY FLAVORED TOBACCO PRODUCT SALES BAN ON ADOLESCENTS
Shannon Farley, DrPH, MPH\*, New York City Department of Health and Mental Hygiene

10:45 a.m.-11:00 a.m.
EVALUATING IMPLEMENTATION OF CHICAGO’S CITY ORDINANCE RESTRICTING SALES OF FLAVORED TOBACCO PRODUCTS NEAR SCHOOLS
Sandy Slater, PhD\*, Anita Bontu, MPH\*, Dianne Barker, MHS\*, Frank Chaloupka, PhD\*, 1University of Illinois at Chicago, 2Public Health Institute

11:00 a.m.-11:15 a.m.
APPEAL OF SWEET FLAVORED ELECTRONIC CIGARETTES AMONG YOUNG ADULTS: IMPLICATIONS FOR ABUSE POTENTIAL AND HARM REDUCTION
Nicholas Goldenson\*, Matthew Kirkpatrick, Jessica Barrington-Trims, Raina Pang, Julia McBeth, Mary Ann Pentz, Jonathan Samet, Adam Leventhal, University of Southern California, CA, USA

11:15 a.m.-11:30 a.m.
CIGAR USE, SENSATION SEEKING TENDENCIES, AND FLAVORS
Alexandra Loukas, Shelly Li, University of Texas at Austin, TX, USA

Audience Key:
BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment
ADVANTAGES AND CHALLENGES OF SMOKING CESSATION
Session Chair: Hayden McRobbie, PhD
Audience: C, P, T

10:00 a.m.-11:30 a.m. Chicago Ballroom 8 (Level 4)
Podium Presentation 1: Paper Session 2
WITHDRAWAL EXPOSURE THERAPY FOR SMOKING CESSATION: A PILOT TRIAL
Sharon Hall1, Christopher Thorne2, Karen Cropsey2, Timothy Baker3, 1University of California, San Francisco, CA, USA, 2University of Alabama at Birmingham, AL, USA, 3University of Wisconsin-Madison, WI, USA
10:10 a.m.-10:20 a.m.
A RANDOMIZED CONTROLLED TRIAL OF MOTIVATIONAL AND REDUCTION INTERVENTIONS FOR SMOKERS WHO ARE NOT READY TO QUIT
Elias Klemperer*, John Hughes, Laura Solomon, Peter Callas, James Fingar, University of Vermont, VT, USA
10:20 a.m.-10:30 a.m.
THE REAL WORLD EFFECTIVENESS OF NICOTINE PATCH: EXPERIMENTAL EVIDENCE FOR AND AGAINST NRT
Shu-Hong Zhu*, Gary Tedeschi, Sharon Cummins, Shlushing Wong, Anthony Gamst, University of California, San Diego, CA, USA
10:30 a.m.-10:40 a.m.
UNASSISTED QUITTING AND SMOKING CESSATION METHODS USED IN THE US IN THE PERIOD 2007-2011
Julia Soulakova*, Lisa Crockett, University of Nebraska-Lincoln, NE, USA
10:40 a.m.-10:50 a.m.
EFFECT OF “CUT DOWN TO QUIT” ON SMOKING CESSATION: A RANDOMIZED CONTROLLED TRIAL
Man Ping Wang*, Derek Yee Tak Cheung1, William Ho Cheung Li1, Oi Bun Lam1, Antonio Kwong2, Vienna Lai1, Tai Hing Lam1, 1The University of Hong Kong, Hong Kong, 2Hong Kong Council on Smoking and Health, Hong Kong
10:50 a.m.-11:00 a.m.
EFFECTIVENESS OF USING THE SAME VERSUS DIFFERENT SMOKING CESSATION MEDICATION FOLLOWING RELAPSE: FINDINGS FROM THE INTERNATIONAL TOBACCO CONTROL (ITC) FOUR COUNTRY SURVEY
Bryan Heckman*, Matthew Carpenter1, Karin Kasza2, Ron Borland1, Jessica Burris3, Geoffrey Fong4, Ann McNiel1, K. Michael Cummings1, 1Medical University of South Carolina, SC, USA, 2Roswell Park Cancer Institute, NY, USA, 3Cancer Council Victoria, Australia, 4University of Kentucky, KY, USA, 5University of Waterloo, ON, Canada, 6Kings College London, United Kingdom
11:00 a.m.-11:10 a.m.
ATTEMPTING TO ENHANCE THE SCALABILITY OF A PROVEN POST-DISCHARGE INTERVENTION FOR HOSPITALIZED SMOKERS: THE HELPING HAND 2 RANDOMIZED TRIAL
Nancy Rigotti*, Hilary Tindle2, Douglas Levy1, Susan Regan1, Kelly Carpenter2, Elyse Park3, Jennifer Kelley1, Thomas Ylioja1, Joanna Streck5, Zachary Reid1, 1Massachusetts General Hospital, MA, USA, 2Vanderbilt-Ingram Cancer Center, TN, USA, 3Alere, WA, USA, 4University of Pittsburgh Medical Center, MA, USA, 5University of Vermont, VT, USA
11:10 a.m.-11:20 a.m.
USING EMPLOYMENT INFRASTRUCTURE TO RECRUIT FOR STATEWIDE CESSATION PROGRAMS: REFERRALS, ENROLLMENTS, AND OUTCOMES
Anne Betzner*1, Jane Parker*2, Julie Rainey1, Marilyn Leeds3, Katherine Rehorst1, Elisia Norton2, 1Professional Data Analysts, Inc., MN, USA, 2Florida Department of Health, FL, USA, 3Florida State University, FL, USA
10:00 a.m.-11:30 a.m. . . . . . . . . . . . . . . . . . . Chicago Ballroom 6 (Level 4)
Podium Presentation 1: Paper Session 3
THE CHANGING LANDSCAPE OF TOBACCO CONTROL
Session Chair: Stuart Ferguson, PhD
Audience: PH/E, P, I, LMIC
10:00 a.m.-10:15 a.m.
HAS NICOTINE DEPENDENCE INCREASED AMONG SMOKERS? A NEW TEST OF THE HARDENING HYPOTHESIS
Renee Goodwin*1,2, Misato Fukatsu1, Melanie Wall2, Sandro Galea2, Michael Zvolensky4, Deborah Hasin3, 1City University of New York, NY, USA, 2Columbia University, NY, USA, 3Boston University, MA, USA, 4University of Houston, NY, USA
10:15 a.m.-10:30 a.m.
DUAL USE AND QUITTING BEHAVIOR AMONG USERS OF TRADITIONAL CIGARETTES
Sherry Emery, Hy Tran*, Yoonsang Kim, Jidong Huang, Health Media Collaboratory, IL, USA
10:30 a.m.-10:45 a.m.
MODELING THE IMPACT OF TOBACCO CONTROL POLICIES ON CIGARETTE AND SMOKELESS TOBACCO USE
David Levy*1, Raymond Boyle2, 1Georgetown University, DC, USA, 2ClearWay Minnesota, MN, USA
10:45 a.m.-11:00 a.m.
A RANDOMIZED EXPERIMENT ON RAISING THE MINIMUM AGE OF TOBACCO SALES: POLICY SUPPORT AND THE ROLE OF TRUST IN GOVERNMENT, 2014-2015, USA
Marcella Boynton*1, Joseph Lee2, Amanda Richardson1, Adam Goldstein1, 1University of North Carolina at Chapel Hill, NC, USA, 2East Carolina University, NC, USA
11:00 a.m.-11:15 a.m.
MENTHOL CIGARETTE SALES IN CANADA - KEY TRENDS
Robert Nugent, MA, Andres Busse, BA, Denis Choinière, BSc, Gohar Razi, MBA, Gabrielle Tremblay, MA, Tobacco Control Directorate, Health Canada
11:15 a.m.-11:30 a.m.
COMBUSTIBLE CIGARETTES COST LESS TO USE THAN E-CIGARETTES: GLOBAL EVIDENCE AND TAX POLICY IMPLICATIONS
Alex Liber, MSPH1, Jeffrey Drope, PhD2, Michal Stoklosa, MA2, 1University of Michigan, 2American Cancer Society

Audience Key:
BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment
10:00 a.m.-10:15 a.m.  
EFFECTS OF NEGATIVE INCOME SHOCK ON CIGARETTE DEMAND AND CRAVING  
Jeffrey Stein*, Mikhail Koffarnus, Warren Bickel, Virginia Tech Carilion Research Institute, VA, USA

10:15 a.m.-10:30 a.m.  
TWELVE MONTH OUTCOMES OF A COMMUNITY HEALTH ADVOCATE-LED SMOKING CESSATION INTERVENTION IN PUBLIC HOUSING  
Joanna Burtner, Boston University School of Public Health

10:30 a.m.-10:45 a.m.  
COORDINATED CARE FOR SMOKING CESSATION IN LOW INCOME VETERANS: THE CONNECT TO QUIT (CTQ) TRIAL  
Hilary Tindle**, Nancy Rigotti, Kevin Kraemer, Sharon Stover, Robert Greevy, Oluwatosin Badejo, Adam Gordon, Chester Good, Amy Justice, Saul Shiffman, Vanderbilt University, TN, USA, 2Massachusetts General Hospital and Harvard Medical School, MA, USA, 3University of Pittsburgh, PA, USA, 4VA Pittsburgh Healthcare System, PA, USA, 5VA Connecticut Healthcare System and Yale University School of Medicine, CT, USA

10:45 a.m.-11:00 a.m.  
SHOULD WE RELY ON SELF-REPORTED SMOKING ABSTINENCE? RESULTS FROM A RANDOMIZED CLINICAL TRIAL TARGETING LOW-SOCIOECONOMIC STATUS SMOKERS.  
Ryan Courtney**, Philip Clare, Kristy Martire, Billie Bonevski, Ron Borland, Chris Doran, Wayne Hall, Michael Farrell, Mohammad Siahpush, Robert West, Veronica Boland, Jaimi Iredale, Richard Mattick, 1University of New South Wales, Australia, 2University of Newcastle - Australia, 3Cancer Council Victoria, Australia, 4University of Queensland - Australia, 5University of Nebraska Medical Center, USA, 6University College London, United Kingdom

11:00 a.m.-11:15 a.m.  
PREDICTORS OF ADHERENCE TO NICOTINE REPLACEMENT THERAPY (NRT; NICOTINE PATCH) IN A RANDOMIZED CONTROLLED TRIAL IN A HOMELESS POPULATION  
Olamide Ojo-Fati, University of Minnesota Medical School

11:15 a.m.-11:30 a.m.  
MINIMISING PARTICIPANT ATTRITION AND MAXIMISING TREATMENT ADHERENCE: INSIGHTS FROM A RANDOMIZED CLINICAL TRIAL OF AUSTRALIAN LOW SOCIO-ECONOMIC SMOKERS.  
Ryan Courtney**, Philip Clare, Kristy Martire, Billie Bonevski, Ron Borland, Chris Doran, Wayne Hall, Michael Farrell, Mohammad Siahpush, Robert West, Veronica Boland, Richard Mattick, 1University of New South Wales, Australia, 2University of Newcastle - Australia, 3Cancer Council Victoria, Australia, 4University of Queensland - Australia, 5University of Nebraska Medical Center, USA, 6University College London - United Kingdom
11:30 a.m.-1:00 p.m. ......... Riverwalk B (River Exhibition Level 1)
Poster Session 1: Clinical

11:30 a.m.-1:00 p.m. ......... Riverwalk B (River Exhibition Level 1)
Lunch Break
Pick up your complimentary boxed lunch in Riverwalk B, starting at 11:15 a.m.

11:45 a.m.-1:00 p.m. ............... Mayfair (Level 2)
Past Presidents Luncheon
(by invitation only)

1:00 p.m.-2:30 p.m. ................. Sheraton 4 (Level 4)
Podium Presentation 2: Symposium 5
EVALUATING ADVERSE EVENTS IN A GLOBAL SMOKING CESSION STUDY (EAGLES): A RANDOMIZED, CONTROLLED TRIAL COMPARING THE SAFETY AND EFFICACY OF THE FIRST-LINE SMOKING CESSATION AIDS IN SMOKERS WITH AND WITHOUT PSYCHIATRIC DISORDERS

Chair: Robert Anthenelli, MD, University of California, San Diego, California, USA
Presenters: Judith Prochaska, PhD, MPH, Stanford University, Stanford, California, USA; Neal Benowitz, MD, University of California, San Francisco, California, USA; Robert West, PhD, University College, London, United Kingdom; Robert Anthenelli, MD, University of California, San Diego, California, USA
Audience: C, PH/E, HD

Up to two-thirds of smokers who try to quit do so without assistance due, in part, to concerns about the neuropsychiatric (NPS) safety risk of smoking cessation medications. Results from large observational cohort studies and meta-analyses of randomized controlled trials (RCTs) provide reassurance that the non-nicotine smoking cessation aids, varenicline and bupropion SR, are not associated with serious NPS adverse events (AEs). However, what has been lacking until now is a RCT that directly compares these agents with placebo and an active comparator (transdermal nicotine patch) and that systematically probes for NPS AEs while smokers are trying to quit. This symposium will describe the main findings from the 16-country, multicenter EAGLES trial—the largest trial of pharmacotherapy for smoking cessation conducted to date. It examined the safety and efficacy of varenicline, bupropion SR, and transdermal nicotine patch in a double blind, triple-dummy, placebo-controlled RCT in cohorts of smokers with (N=4074) and without (N=3984) psychiatric disorders. Dr. Prochaska will present the background for the EAGLES trial and will examine the strengths and limitations of FDA MedWatch and Adverse Events Reporting System data, and the associations between smoking and NPS AEs. Dr. Benowitz will present an overview of the EAGLES trial study design and will reveal the main safety results that are based on a composite endpoint and stringent NPS AE monitoring. Dr. West will then present the top-line efficacy results in the head-to-head comparisons among varenicline, bupropion SR, transdermal nicotine patch, and placebo. Dr. Anthenelli will examine the relationships between smoking and suicidal ideation/behavior in cohorts of participants with and without psychiatric disorders, and will discuss results obtained using the Columbia Suicide Severity Rating Scale that was administered throughout the EAGLES trial. Dr. Hughes will serve as the discussant for the symposium, synthesizing the results from the four presentations and placing them in the context of other studies assessing the safety and efficacy of these first-line smoking cessation medications.

Audience Key:
BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment
Cigar use, which includes large cigars, little cigars and cigarillos, is a combustible form of tobacco use, and confers elevated health risks for tobacco-related diseases, including oral and esophageal cancers, even among those who report they do not inhale the smoke. Although cigarette use has declined, cigar use has increased among adults in recent years and is equally prevalent as cigarette use among youth. Cigar products are still available in several fruit and candy flavors, such as grape, blueberry, and vanilla—flavors that have been banned in cigarettes—which may likely be increasing their appeal among youth. Cigars are often used concurrently with cigarettes or other tobacco products (dual use), which may increase health and addiction risks to users, particularly if the dual use is sustained over a long period of time. Moreover, use of cigars may exacerbate health disparities, as more African American youth, both high school and middle school students, report cigar use than white youth. Researchers participating in this symposium are part of the FDA-funded, NIH Tobacco Centers of Regulatory Science and will present original research findings from their studies. Research presented will address correlates, perceptions about and motivations for cigar use, and health effects posed by cigar use and exposure. Dr. Arunava Ghosh will present the effects of little cigars on airway epithelia. Dr. Jennifer Cornacchione will present nationally-representative data on little cigar and cigarillo use and susceptibility among adolescents, young adults and adults. Dr. Melissa Harrell will present findings from survey research with Texas youth on the prevalence, perceptions and practices of cigar users, including flavored product use. Dr. Kymberle Sterling will present research on risk perceptions and intentions to use little cigars and cigarillos among adult dual users. Rachel Grana will chair the session and provide an overview of the TCORS and key cigar-related research questions. Cindy Tworek will participate as a discussant addressing the key public health issues and regulatory issues raised by the findings presented in the session.
port evidence-based regulatory actions to protect the public health from the adverse effects of existing and new tobacco and nicotine delivery products. Meeting that need was the rationale behind the FDA’s creation of the network of 14 Tobacco Centers of Regulatory Science (TCORS) along with a coordinating center (CECTR). This symposium is being submitted by the FDA TCORS Working Group on Vulnerable Populations. Protecting the public health is the overarching aim of this regulatory effort. A critically important aspect of meeting that aim is increasing understanding of tobacco use and cessation patterns, manufacturer marketing strategies, user risk perceptions, and adverse health impacts from use of tobacco and nicotine delivery products in especially vulnerable populations (i.e., populations at increased risk for product use or for suffering adverse effects from use). The proposed symposium involves contributions from 5 of the 14 TCORS and the coordinating center, and examines how (a) tobacco manufacturers market products to vulnerable populations, (b) vulnerabilities intersect with each other in conferring risk, (c) co-morbid conditions are associated with persistent use patterns, and (d) e-cigarette use is associated with plans to quit smoking in vulnerable populations. Each of these individual presentations will contribute new knowledge on marketing or use of tobacco and nicotine products in vulnerable populations that has tobacco regulatory science implications. Our Co-Chairs and Discussant have considerable experience in tobacco control and regulatory research and will contribute to synthesizing the information from the individual presentations into an overarching framework underscoring implications for potential regulatory actions.

1:00 p.m.-2:30 p.m.  . . . . . . . . . . . . . . . Chicago Ballroom 10 (Level 4) 

Podium Presentation 2: Paper Session 5 
MARIJUANA AND TOBACCO USE 
Session Chair: Lucy Popva, PhD 
Audience: PH/E, P, HD, I 

1:00 p.m.-1:15 p.m. 
HOW DO TOBACCO AND MARIJUANA INTERACT TO INFLUENCE THE HEALTH CONSEQUENCES OF SMOKING? A SYSTEMATIC AND CRITICAL REVIEW OF THE LITERATURE 
Erica Peters, PhD*, Chirag Pancholi, Victoria Coleman-Cowger, PhD, Bartosz Koszowski, PhD, PharmD, Wallace Pickworth, PhD, Battelle Public Health Center for Tobacco Research 

1:15 p.m.-1:30 p.m. 
TRENDS IN TOBACCO USE AND CESSATION AMONG ADULT MARIJUANA USERS WITH A HISTORY OF TOBACCO USE, 2003-2012 
Gillian Schauer, PhD, MPH*, Brian King, PhD, MPH*, Tim McAfee, MD, MPH, ¹Carter Consulting Inc. for Centers for Disease Control and Prevention, ²Centers for Disease Control and Prevention 

1:30 p.m.-1:45 p.m. 
REGULATING RETAIL MARIJUANA: LESSONS LEARNED FROM TOBACCO CONTROL 
Rachel Barry, MA*, Stanton Glantz, PhD, University of California, San Francisco 

Audience Key: 
BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment
1:45 p.m.-2:00 p.m.
POLYTOBACCO, ALCOHOL, AND MARIJUANA USE PATTERNS IN COLLEGE STUDENTS: A LATENT CLASS ANALYSIS
Regine Haardörfer\textsuperscript{1*}, Carla Berg\textsuperscript{1}, Michael Lewis\textsuperscript{2}, Bennett McDonald\textsuperscript{3}, Drishti Pillai\textsuperscript{1}, Jackelyn Payne\textsuperscript{1}, Michael Windle\textsuperscript{1}, \textsuperscript{1}Rollins School of Public Health, Emory University, GA, USA, \textsuperscript{2}Goizueta Business School, Emory University, GA, USA

2:00 p.m.-2:15 p.m.
HIGH SCHOOL STUDENTS USE E-CIGARETTES TO VAPORIZER CANNABIS
Meghan Morean\textsuperscript{1*}, Grace Kong\textsuperscript{2}, Deepa Camenga\textsuperscript{2}, Dana Cavallo\textsuperscript{1}, Patricia Simon\textsuperscript{2}, Suchitra Krishnan-Sarin\textsuperscript{2}, \textsuperscript{1}Oberlin College and Yale School of Medicine, OH, USA, \textsuperscript{2}Yale School of Medicine, CT, USA

2:15 p.m.-2:30 p.m.
PILOT STUDY OF FEASIBILITY AND PRELIMINARY EFFECTIVENESS OF VARENICLINE FOR CO-OCCURRING TOBACCO AND CANNABIS USE
Shadi Nahvi, MD, MS,\textsuperscript{1*}, Tangeria Adams, BA, Julia Arnsten, MD, MPH, Yuming Ning, PhD, Albert Einstein College of Medicine / Montefiore Medical Center

1:00 p.m.-2:30 p.m.
Podium Presentation 2: Paper Session 6
GLOBAL EPIDEMIOLOGY OF E-CIGARETTES
Session Chair: Jamie Brown, PhD
Audience: PH/E, P, HD, I, LMIC

1:00 p.m.-1:15 p.m.
NATIONAL AND STATE-SPECIFIC TRENDS IN SALES AND PRICES OF FLAVORED DISPOSABLE ELECTRONIC CIGARETTES - UNITED STATES, 2011-2015
Doris Gammon\textsuperscript{1*}, Todd Rogers\textsuperscript{2}, Brett Loomis\textsuperscript{1}, Brian King\textsuperscript{3}, Erika Fulmer\textsuperscript{3}, \textsuperscript{1}Research Triangle Institute International, NC, USA, \textsuperscript{2}Research Triangle Institute International, CA, USA, \textsuperscript{3}Centers for Disease Control and Prevention, GA, USA

1:15 p.m.-1:30 p.m.
E-CIGARETTE USE IN CANADA: FINDINGS FROM A NATIONALLY REPRESENTATIVE SURVEY AND POLICY IMPLICATIONS
Jessica Reid\textsuperscript{1*}, Vicki Rynard, Christine Czoli, David Hammond, University of Waterloo, ON, Canada

1:30 p.m.-1:45 p.m.
ELECTRONIC CIGARETTE USE IN THE UK: CURRENT TRENDS IN USE AND PRODUCT PERCEPTIONS
Linda Bauld, PhD\textsuperscript{1*}, University of Stirling

1:45 p.m.-2:00 p.m.
ELECTRONIC CIGARETTES USING STATUS AND RELATING FACTORS AMONG KOREAN ADULT SMOKERS: FINDINGS FROM THE INTERNATIONAL TOBACCO CONTROL (ITC) KOREA SURVEY
Yeol Kim\textsuperscript{1}, Hong Gwan Seo\textsuperscript{2}, Anne Quah\textsuperscript{2}, Geoffrey Fong\textsuperscript{2}, Eun Young Kim\textsuperscript{1*}, Mi Yan\textsuperscript{2}, \textsuperscript{1}National Cancer Center, Republic of Korea, \textsuperscript{2}University of Waterloo, Canada

2:00 p.m.-2:15 p.m.
ELECTRONIC CIGARETTE AWARENESS AND USE AMONG CHINESE ADULTS IN HONG KONG
Nan Jiang\textsuperscript{1*}, Jing Chen\textsuperscript{1}, Man Ping Wang\textsuperscript{1}, Sarah McGhee\textsuperscript{1}, Antonio Kwong\textsuperscript{2}, Vienna Lai\textsuperscript{2}, Tai Hing Lam\textsuperscript{1}, \textsuperscript{1}University of Hong Kong, Hong Kong, \textsuperscript{2}Hong Kong Council on Smoking and Health, Hong Kong
2:15 p.m.-2:30 p.m.
PREVALENCE AND CORRELATES OF E-CIGARETTE PERCEPTIONS AND TRIAL AMONG MEXICAN ADOLESCENTS
Erika Abad-Vivero1, Inti Barrientos-Gutierrez2, Rosaura Pérez-Hernández2, Edna Anílo-Santillán3, Luz Reyes-Shigematsu4, Raul Mejía5, James Sargent6, James Thrasher7, 1National Institute of Public Health, Mexico, Mexico, 2Center for the Study of the State and Society, Argentina, 3Dartmouth College, NH, USA, 4University of South Carolina, SC, USA

1:00 p.m.-2:30 p.m. Sheraton Ballroom 3 (Level 4)
Podium Presentation 2: Paper Session 7
SECOND-EXPOSURE TO E-CIGARETTES AND TOBACCO
Session Chair: Susan Shick, PhD
Audience: BS, PC, PH/E, P, I, LMIC

1:00 p.m.-1:15 p.m.
OCCUPATIONAL INTRUSION OF ELECTRONIC CIGARETTE AEROSOL INTO NEIGHBORING SHOPS
Evan Floyd1, Micah Savin2, Theodore Wagener1, David Johnson1, 1Oklahoma Tobacco Research Center University of Oklahoma - Health Science Center, OK, USA, 2California State University San Marcos, CA, USA

1:15 p.m.-1:30 p.m.
QUANTIFICATION OF SECONDHAND SMOKE EXPOSURE IN SMOKE-FREE AND SMOKE-PERMITTED SUBSIDIZED MULTIUNIT HOUSING
Andrea Gentzke1,2, Lisa Vogl1, Cameron Caputi3, Mark Travers1, 1Roswell Park Cancer Institute, NY, USA, 2University at Buffalo, NY, USA, 3Cardinal O’Hara High School

1:30 p.m.-1:45 p.m.
PROPERTIES OF E-CIGARETTE EMISSIONS THAT PROMOTE SECONDHAND EXPOSURE
Seung-Hyun Cho, RTI International, NC, USA

1:45 p.m.-2:00 p.m.
SHS EXPOSURES (COTININE LEVELS) AMONG BANGLADESHI SCHOOL CHILDREN
Sarwat Shah1, Rumana Huque2, Kamran Siddiqi1, 1University of York, United Kingdom, 2ARK Foundation, Dhaka, Bangladesh

2:00 p.m.-2:15 p.m.
USE OF ELECTRONIC CIGARETTES IN SMOKE-FREE ENVIRONMENT
Yuyan Shi*, Shu-hong Zhu, University of California, San Diego, CA, USA
2:15 p.m.-2:30 p.m.
ASSESSMENT OF RESIDENTS’ ATTITUDES AND SATISFACTION BEFORE AND AFTER IMPLEMENTATION OF A SMOKE-FREE POLICY IN BOSTON MASSACHUSETTS MULTIUNIT HOUSING
Slawa Rokicki1, Gary Adamkiewicz2, Shona Fang2,3, Nancy Rigotti4, Jonathan Winickoff9, Douglas Levy4,1, Harvard University, MA, USA, 2Harvard T.H. Chan School of Public Health, MA, USA, 3New England Research Institutes, Inc., MA, USA, 41. Massachusetts General Hospital, 2. Harvard Medical School, MA, USA

1:00 p.m.-2:30 p.m. ................ Sheraton Ballroom 2 (Level 4)
Podium Presentation 2: Paper Session 8
MARKETING OF TOBACCO PRODUCTS
Session Chair: Janet Hoek, PhD
Audience: PH/E, P, HD, I

1:00 p.m.-1:15 p.m.
PHARMACIES SELL CIGARETTE CHEAPER: RESULTS FROM RETAIL MARKETING SURVEILLANCE IN STATE AND NATIONAL SAMPLES
Lisa Henriksen1, Nina Schleicher1, Dianne Barker2, Yawen Liu1, Frank Chaloupka3, 1Stanford Prevention Research Center, CA, USA, 2Barker Bi-Coastal Health Consultants, CA, USA, 3University of Illinois - Chicago, IL, USA

1:15 p.m.-1:30 p.m.
HIDING THE TOBACCO POWERWALL REDUCES CIGARETTE SMOKING RISK IN ADOLESCENTS: AN EXPERIMENTAL INVESTIGATION
William Shadel1, Steven Martino, Claude Setodji, Deborah Scharf, Daniela Kusuke, Angela Sicker, Min Gong, RAND Corporation, PA, USA

1:30 p.m.-1:45 p.m.
DIRECT MAIL AND E-MAIL MARKETING OF ELECTRONIC CIGARETTES IN THE US
Lyubov Teplitskaya, BS1, Ollie Ganz, MSPH2, Jessica Rath, PhD, MPH3, Jennifer Cantrell, DrPh, MPA3, Elizabeth Hair, PhD1, Donna Vallone, PhD, MPH4, 1Truth Initiative, Zanvyl Krieger School of Arts & Sciences, Johns Hopkins University, DC, USA, 2Truth Initiative, George Washington University Milken Institute School of Public Health, DC, USA, 3Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA

1:45 p.m.-2:00 p.m.
THE IMPACT OF CHINA NATIONAL TOBACCO COMPANY’S STRATEGY OF GROWING FLAGSHIP CIGARETTE BRANDS ON CHINESE URBAN SMOKERS: FINDINGS FROM THE ITC CHINA SURVEY
Steve Xu*, Gang Meng1, Richard O’Connor2, Tara Elton-Marshall9, Anne Quah1, Guoze Feng9, Lin Li9, Geoffrey Fong1, Yuan Jiang1, 1University of Waterloo, ON, Canada, 2Roswell Park Cancer Institute, NY, USA, 3Centre for Addiction and Mental Health, ON, Canada, 4Chinese Center for Disease Control and Prevention, China, 5Cancer Care Victoria, Australia
2:00 p.m.-2:15 p.m.
SUBSTITUTABILITY OF REDUCED NICOTINE CIGARETTES AND ELECTRONIC CIGARETTES: THE EXPERIMENTAL TOBACCO MARKETPLACE AS A TOOL TO INFORM REGULATORY STANDARDS FOR NOVEL PRODUCTS
Bryan Heckman*, K. Michael Cummings1, Suzanne Heijndijk2, Marc Willemsen2,3, Ron Borland4, Warren Bickel5, Richard O’Connor6, Warren Bickel1, 1Medical University of South Carolina, SC, USA, 2Dutch Alliance for a Smokefree Society, Netherlands, 3Maastricht University, Netherlands, 4Cancer Council Victoria, Australia, 5Virginia Tech Carilion Research Institute, VA, USA, 6Roswell Park Cancer Institute, NY, USA

2:15 p.m.-2:30 p.m.
NATIONAL EVIDENCE LGBT ARE MORE FREQUENTLY EXPOSED TO TOBACCO MESSAGES ON SOCIAL MEDIA BUT NOT ON TELEVISION
Kristen Emory, PhD1, Lisa Vera1, Dennis Trinidad, PhD1, Sherry Emery, PhD2, 1University of California, San Diego, 2University of Illinois at Chicago

1:00 p.m.-2:30 p.m.
GENETICS AND SMOKING
Session Chair: Tellervo Korhonen, PhD
Audience: BS, PC, C, T

1:00 p.m.-1:15 p.m.
DETERMINATION OF PREDICTORS OF CYP2A6 PROTEIN LEVELS AND NICOTINE METABOLISM IN A HUMAN LIVER BANK: INFLUENCE OF GENETIC AND NON-GENETIC FACTORS
Julie-Anne Tanner*, Amarjit Chaudhry1, Bhagwat Prasad2, Erin Schuetz2, Kenneth Thummel3, Rachel Tyndale1, 1University of Toronto, Campbell Family Mental Health Research Institute, Centre for Addiction and Mental Health, ON, Canada, 2St Jude Children’s Research Hospital, TN, USA, 3University of Washington, WA, USA

1:15 p.m.-1:30 p.m.
GENE BY ENVIRONMENT INVESTIGATION OF INCIDENT LUNG CANCER RISK IN AFRICAN-AMERICANS
Ange Wang1, Michael Henderson, John Wiencke2, Helena Furberg3, Charles Kooperberg4, Kristopher Kapphahn5, Hilary Tindle6, Ann Schwartz7, Margaret Spitz2, Christopher Amos4, 1Stanford Prevention Research Center, Department of Medicine, Stanford University School of Medicine, CA, USA, 2Department of Neurological Surgery, University of California, San Francisco, CA, USA, 3Department of Epidemiology and Biostatistics, Memorial Sloan Kettering Cancer Center, NY, USA, 4Division of Public Health Sciences, Fred Hutchinson Cancer Research Center, WA, USA, 5Quantitative Sciences Unit, Department of Medicine, Stanford University School of Medicine, CA, USA, 6Department of Medicine, Vanderbilt University School of Medicine, TN, USA, 7Department of Oncology, Karmanos Cancer Institute, Wayne State University, MI, USA, 8Dan L. Duncan Cancer Center, Baylor College of Medicine, TX, USA, 9Norris Cotton Cancer Center, Geisel School of Medicine at Dartmouth, NH, USA
1:30 p.m.-1:45 p.m.  
**GENE X SMOKING INTERACTIONS IN THE VENTROMEDIAL PFC: ALPHA 5 NICOTINIC CHOLINERGIC RECEPTOR GENE VARIATION AND SMOKING EFFECTS ON ADOLESCENT GREY MATTER**  
Bader Chaarani, VCBH - University of Vermont

1:45 p.m.-2:00 p.m.  
**VARIATION IN THE CYP2A6 GENE AND NICOTINE METABOLISM AMONG AMERICAN INDIAN TRIBAL GROUPS WITH DIFFERENT LEVELS OF SMOKING AND RISK FOR TOBACCO-RELATED CANCER**  
Julie-Anne Tanner*, Jeffrey Henderson, Barbara Howard, Dedra Buchwald, Rachel Tyndale, 1University of Toronto, Campbell Family Mental Health Research Institute, Centre for Addiction and Mental Health, ON, Canada, 2Black Hills Center for American Indian Health, SD, USA, 3Medstar Health Research Institute, MD, USA, 4University of Washington’s Partnerships for Native Health, WA, USA

2:00 p.m.-2:15 p.m.  
**NOVEL TOBACCO SMOKE-RESPONSIVE GENE ENHANCERS IDENTIFIED THROUGH INTEGRATION OF SMOKING-ASSOCIATED DNA METHYLATION CHANGES AND ALVEOLAR EPIGENOMES**  
Wen-Qing Li, Theresa Stueve, Jianxin Shi, Crystal Marconett, Chenchen Yang, Beiyun Zhou, Zea Borok, Neil Caporaso, Ite Laird-Offringa, Maria Landi, Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institute of Health, MD, USA, Norris Comprehensive Cancer Center, Keck School of Medicine, University of Southern California, CA, USA, Norris Cancer Center, Keck School of Medicine, University of Southern California, CA, USA

2:15 p.m.-2:30 p.m.  
**A NOVEL ASSAY FOR ASSESSMENT OF TOBACCO-INDUCED CANCER RISK**  
Vengatesh Ganapathy*, Wilbur Mills, Elangovan Thavathiru, Ilangovan Ramachandran, Leslie Chandler, Antonio Reis, The University of Oklahoma Health Sciences Center, OK, USA, University of Madras, India, The Oklahoma Tobacco Research Center, OK, USA

2:30 p.m.-3:00 p.m.  
Refreshment Break & Exhibitor Time

3:00 p.m.-4:00 p.m.  
**Pre-Clinical Theme Lecture**  
*Translational Research in Nicotine Dependence: A New Target for an Old Drug*  
Professor Julie Blendy, PhD  
University of Pennsylvania Medical School, Philadelphia

4:00 p.m.-4:30 p.m.  
Break

4:30 p.m.-6:00 p.m.  
**Poster Session 2: Policy, Pre-Clinical and Other**
6:00 p.m.-7:15 p.m.  . . . . . . . .  . . Chicago Ballroom 6 (Level 4)
Session Chair: Robin Mermelstein, PhD

Presidential Symposium
Highlighted Findings From Wave 1 of the Population Assessment of Tobacco and Health Study
Andrew Hyland, PhD
Roswell Park Cancer Institute

The National Institutes of Health, through the National Institute on Drug Abuse, is partnering with the Food and Drug Administration’s Center for Tobacco Products to conduct the Population Assessment of Tobacco and Health (PATH) Study, under a contract with Westat. The PATH Study is an address-based nationally representative, longitudinal cohort study of 45,675 adults and youth in the United States aged 12 years and older. The study uses Audio-Computer Assisted Self-Interviews for adults and youth to collect information on tobacco-use patterns across tobacco products on the U.S. market; risk perceptions and attitudes towards tobacco products including emerging tobacco products; and tobacco initiation, cessation, and relapse behaviors. Additionally, the PATH Study collects biospecimens among consenting adults aged 18 years of age and older for future evaluation of biomarkers of exposure and harm related to tobacco use. Expanding upon the interim Wave 1 data presented at SRNT in 2015, we will provide a short overview of the design and methods of the PATH Study and then provide highlighted results from the entire Wave 1 sample. We will report on domains related to the appeal, addictiveness and harm of tobacco products, including youth susceptibility, experimentation and use of products; harm perceptions and exposure to marketing as well as adult use and harm perceptions of tobacco products. Additional behavioral data on selected tobacco products will be discussed. The presentation will conclude with a summary of Wave 2 and Wave 3 data collection progress and the next steps for the PATH Study, information on how researchers can access Wave 1 PATH Study questionnaire data through a Restricted Use File, and questions from the audience.

FUNDING: This project has been funded in whole with federal funds from the National Institute on Drug Abuse, National Institutes of Health, and the Food and Drug Administration, Department of Health and Human Services under Contract #HHSN271201100027C

7:00 p.m.-8:30 p.m.  . . . . . . . .  . . Riverwalk A (River Exhibition Level 1)
Trainee Network Reception
SESSION SUMMARY
FRIDAY
MARCH 4, 2016
Electronic cigarettes (e-cigarettes, e-cigs) are aggressively marketed, widely available and increasingly popular. While an e-cig delivers lower levels of known toxins than a traditional, combusted cigarette, both deliver nicotine, potentially fostering cross-product or dual use through dependence on nicotine. Availability of, and preference for flavors is an important motivation for e-cig use. Appealing flavors provide the opportunity for repeated nicotine exposure and ultimately the development and persistence of nicotine dependence. This symposium brings together scientists at different stages of their career to present translational research aimed at determining how e-cigarette flavoring promotes and maintains e-cigarette use. Dr. St. Helen, from UCSF will report on the impact of flavors on nicotine consumption and the addictive potential of e-cigarette. Dr. Audrain-McGovern from the University of Pennsylvania will present findings on the rewarding and the reinforcing effects of e-cigarette flavoring and their role in vaping behavior. Dr. Harrell from Eastern Virginia Medical School will discuss how flavors in e-cigarettes may impact the ability to quit. Finally, Dr. De Biasi, from the University of Pennsylvania will report on how e-cigarette flavoring affects reward-related behavior in adolescent mice.
Podium Presentation 3: Symposium 9
INTEGRATING GENOMIC DATA INTO TREATMENT
RESEARCH: CONSENSUS APPROACHES, GENOME-WIDE
ANALYSES, AND PROSPECTS FOR TRANSLATION
Chair: Andrew W. Bergen, PhD, BioRealm, SRI International
Presenters: Nancy L. Saccone, PhD, Washington University; Li-Shiun Chen, MD, MPH, ScD, Washington University; Anu Loukola, PhD, University of Helsinki; James W. Baurley, PhD, BioRealm
Audience: BS, C, T, PH/E

The efficacies of FDA-approved smoking cessation pharmacotherapies are known, but subgroups defined by clinical and genetic factors have different responses to therapy. For example, nicotine dependence measures, CHRNA5 variants, CYP2A6 variation associated with CYP2A6 metabolic activity, and direct measures of nicotine metabolism such as the nicotine metabolite ratio (NMR), are associated with prospective abstinence in randomized clinical trials. Heritability estimates for nicotine dependence, nicotine metabolism and smoking cessation are substantial. Common genetic variation, and ultimately, “omic” information, in combination with clinical factors, could be used to personalize smoking cessation pharmacotherapy. Dr Bergen will introduce the themes of the symposium, the presenters and the discussant. Dr Saccone will review the current status of genetic studies of smoking cessation and the potential benefits of incorporating various -omic data into clinical trials. Dr Chen will present the latest consensus approaches to incorporating biospecimen analyses in randomized clinical trials, including human subjects and phenotyping issues, and present an update on an ongoing genotype-stratified clinical trial of smoking cessation. Dr Loukola will present results from the first GWAS of the NMR in smokers and integrated methylation quantitative locus analysis which has defined hundreds of genome wide significant SNPs, explains a large fraction of the variance, and where genetic risk score is associated with consumption. Dr Baurley will present the design characteristics of a genome-wide genotyping array for the study of addictive disorders, and will provide results from the first GWAS of the NMR derived from laboratory studies of nicotine metabolism including results from three different ancestries. Dr. David will lead the discussion, reflecting upon past genetic studies and helping interpret recent genomic findings and their potential translation to practice.

Podium Presentation 3: Symposium 10
ADDRESSING TOBACCO USE AMONG INDIVIDUALS
WITH MEDICAL AND PSYCHIATRIC CONDITIONS:
CONTROVERSIES AND CHALLENGES
Chair: Nancy A. Rigotti, MD, Massachusetts General Hospital
Presenters: Cheryl A. Oncken, MD, University of Connecticut Health Center; Judith J. Prochaska, PhD, MPH, Stanford University; Damon Vidrine, DrPH, MS, University of Oklahoma Health Sciences Center; Graham W. Warren, MD, PhD, Medical University of South Carolina
Audience: C, HD, T, PH/E

Continuing to smoke adversely affects disease outcomes of individuals with co-occurring medical and psychiatric conditions, but addressing tobacco dependence is not well integrated into routine health care for these conditions. Co-occurring health conditions have the potential to either stimulate or interfere with motivation to quit and with the success of tobacco dependence treatment. This symposium will present new
data on challenges and strategies for providing tobacco dependence treatment to individuals with 4 co-occurring health conditions—pregnancy, HIV infection, psychiatric illness, and cancer. As Chair, Dr. Nancy Rigotti will give a brief overview of research questions raised by co-morbid health conditions. Clinical topic experts will present data highlighting challenges and successes in treating tobacco dependence in patients with: (1) HIV infection (Dr. Damon Vidrine); (2) psychiatric illness (Dr. Judith Prochaska); (3) pregnancy (Dr. Cheryl Oncken); and (4) cancer (Dr. Graham Warren). Dr. Vidrine will present new data on the effect that an HIV diagnosis and/or change in status may have on subsequent smoking-related attitudes and behaviors. Dr. Oncken will describe examples where research findings are being translated into clinical care for pregnant smokers and address her findings about the use of electronic cigarettes in this population and implications for treatment. Dr. Prochaska will present findings of a new randomized trial testing different intensities of tobacco treatment initiated among smokers hospitalized in an inpatient psychiatry unit. Dr. Warren will describe strategies to implement tobacco cessation into the management of patients with cancer and address patient and institutional level challenges to implementing and sustaining evidence-based cessation support. As discussant, Dr. Tim McAfee, former Director of the CDC’s Office of Smoking and Health, will describe how CDC’s TIPS media campaign targeted smokers with these conditions in its messaging, and integrate clinical and a public health perspectives about addressing tobacco use in individuals with co-occurring medical and psychiatric conditions.

10:00 a.m.-11:30 a.m. .... Chicago Ballroom 9 (Level 4)
Podium Presentation 3: Paper Session 10
WATERPIPE TOBACCO SMOKING
Session Chair: Ramzi Salloum, PhD
Audience: PC, PH/E, P, HD, I, LMIC

10:00 a.m.-10:15 a.m.
PREVALENCE AND HARM PERCEPTIONS OF HOOKAH USE AMONG YOUNG ADULTS IN THE UNITED STATES
Elizabeth Hair, PhD*, Ollie Ganz, MSPH*, Lindsay Pitzer, PhD*, Brittany Emelle*, Jennifer Cantrell, DrPH, MPA*, Jessica Rath, PhD, MPH*, Donna Vallone, PhD**, *Truth Initiative, DC, USA, 1George Washington University Milken Institute School of Public Health, DC, USA, 1Johns Hopkins Bloomberg School of Public Health, DC, USA, 1College of Global Public Health, New York University, DC, USA

10:15 a.m.-10:30 a.m.
TRENDS IN HOOKAH USE AMONG NEW JERSEY HIGH SCHOOL STUDENTS: 2008-2014
Cristine Delnevo, PhD, MPH*, Andrea Villanti, PhD, MPH, Mary Hrywna, MPH*, Michelle Bover-Manderski, MPH*, 1Rutgers School of Public Health-Center for Tobacco Studies, 2Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative

10:30 a.m.-10:45 a.m.
COLLEGE STUDENTS’ PERCEPTIONS AND KNOWLEDGE OF HOOKAH USE
Alexandra Loukas*, Keryn Pasch*, Xiaoyin Li*, Cheryl Perry**, 1University of Texas at Austin, TX, USA, 2University of Texas School of Public Health Austin Regional Campus, TX, USA
10:45 a.m.-11:00 a.m.
COLLEGE STUDENTS ARE INTRODUCED TO NICOTINE PRODUCTS THROUGH THE USE OF HOOKAH
Jessica Kulak*, Megan Saddleson*, Mark Travers, Martin Mahoney, Gary Giovino, 1University at Buffalo, NY, USA, 2Roswell Park Cancer Institute, NY, USA

11:00 a.m.-11:15 a.m.
THE IMPACT OF A BRIEF FEEDBACK CESSATION INDUCTION INTERVENTION FOR TOBACCO WATERPIPE SMOKING
Eleanor Leavens*, Dana Mowls, Noor Tahirkhel, Dana Mowls, Emma Brett, Leslie Driskill, Ellen Meier, Mary Beth Miller, Michael Anderson, Theodore Wagener, 1Oklahoma Tobacco Research Center Oklahoma State University, OK, USA, 2Oklahoma Tobacco Research Center The University of Oklahoma Health Sciences Center, OK, USA, 3Oklahoma State University, OK, USA

11:15 a.m.-11:30 a.m.
THE BENEFICIAL EFFECT OF FORCED SWIMMING EXERCISE IN MEMORY IMPAIRMENT INDUCED BY WATERPIPE SMOKE EXPOSURE
Mahmoud Alomari, Omar Khabour, Abdul Salam Halboup, Alan Shihadeh, Thomas Eissenberg, 1Department of Rehabilitation Sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, Irbid, Jordan, 2Department of Medical Laboratory Sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, Irbid, Jordan, 3Department of Clinical Pharmacy, Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan, Mechanics Engineering Department, American University of Beirut, Beirut, Lebanon and Center for the Study of Tobacco Products, Richmond, VA, USA

10:00 a.m.-11:30 a.m.  ..........
Sheraton Ballroom 2 (Level 4)
Podium Presentation 3: Paper Session 11
PUBLIC HEALTH POLICY AND HEALTH ECONOMICS
Session Chair: Jidong Huang, PhD
Audience: P, PH/E,

10:00 a.m.-10:15 a.m.
INSIGHTS INTO ELECTED OFFICIALS' ATTITUDES AND BELIEFS ON TOBACCO POLICIES, TOBACCO 21
Ginny Chadwick, Mansoo Yu, Kevin Everett, University of Missouri-Columbia, MO, USA

10:15 a.m.-10:30 a.m.
ESCAPE ARTISTS? EXPOSURE TO WORKPLACE SMOKING BANS, DAILY SMOKING PATTERNS, AND CHANGING LOCATIONS TO SMOKE AMONG CIGARETTE SMOKERS
Michael Dunbar, Saul Shiffman, Siddharth Chandras, 1RAND Corporation, PA, USA, 2University of Pittsburgh, PA, USA, 3Michigan State University, MI, USA

10:30 a.m.-10:45 a.m.
REGULATORY DOMAINS FOR E-CIGARETTES: A POLICY SCAN OF CITIES AND STATES
Ayodeji Awopegba, Elaine De Leon, Ryan Kennedy, Joanna Cohen, Institute for Global Tobacco Control, Johns Hopkins Bloomberg School of Public Health, MD, USA
10:45 a.m.-11:00 a.m.
A DECISION-THEORETIC MODEL OF THE PUBLIC HEALTH IMPLICATIONS OF E-CIGARETTE USE
David Levy*1, Ronald Borland2, Geoffrey Fong3, Kenneth Cummings4, Raymond Niaura5, 1Georgetown University, DC, USA, 2Cancer Council Victoria, Australia, 3University of Waterloo, Canada, 4Medical University of South Carolina, SC, USA, 5American Legacy Foundation, DC, USA

11:00 a.m.-11:15 a.m.
HYPOTHETICAL ATTRIBUTES OF ELECTRONIC CIGARETTES MODULATE BEHAVIORAL ECONOMIC DEMAND AND SUBSTITUTION
Jeffrey Stein*, Mikhail Koffarnus, Warren Bickel, Virginia Tech Carilion Research Institute, VA, USA

11:15 a.m.-11:30 a.m.
COST-EFFECTIVENESS OF A SYSTEM-BASED POPULATION-LEVEL SMOKING CESSATION PROGRAM
Douglas Levy**1,2, Elissa Klinger*, Jeffrey Linder1,2, Eric Fleegler*1,3, Nancy Rigotti*1, Elyse Park1,2, Jennifer Haas1,2, 1Massachusetts General Hospital, 2Harvard Medical School, MA, USA, 3Brigham and Women’s Hospital, MA, USA, 2Children’s Hospital Boston, 3Harvard T.H. Chan School of Public Health, MA, USA

10:00 a.m.-11:30 a.m............
Sheraton Ballroom 1 (Level 4)
Podium Presentation 3: Paper Session 12
SMOKING CESSATION RESEARCH FOR SMOKERS LIVING WITH HIV
Session Chair: F. Joseph McClernon, PhD
Audience: T, C, HD

10:00 a.m.-10:18 a.m.
PERCEPTIONS ABOUT SMOKING CESSATION AMONG PEOPLE LIVING WITH HIV AND THEIR HEALTHCARE PROVIDERS
Maggie Sweitzer, PhD*, Christina Meade, PhD, Andrea Hob-kirk, PhD, Lauren Pacek, PhD, F. Joseph McClernon, PhD, Duke University Medical Center

10:18 a.m.-10:36 a.m.
EXPERIENCES WITH AND INTEREST IN SMOKING CESSATION MODALITIES AMONG SMOKERS LIVING WITH HIV PARTICIPATING IN AN ONLINE SURVEY
Lauren Pacek, PhD*1, Maggie Sweitzer, PhD1, F. Joseph McClernon, PhD1, Matthew Johnson, PhD1, Duke University Medical Center, 2Johns Hopkins University School of Medicine

10:36 a.m.-10:54 a.m.
THE RELATIONSHIP BETWEEN CIGARETTE SMOKING AND ANTIRETROVIRAL ADHERENCE, ENGAGEMENT IN CARE, AND SUSTAINED HIV VIRAL SUPPRESSION AMONG PATIENTS RECEIVING PRIMARY HIV CARE AT A COMMUNITY HEALTH CENTER
Conall O’Cleirigh, PhD*1, Dana King*, Christopher Grasso*, Lydia Dant*, Heidi Crane, MD, MPH1, Kenneth Mayer, MD2, 1Massachusetts General Hospital, 2Fenway Health, 3Harvard Medical School, 4University of Washington School of Public Health, 3Harvard School of Public Health
10:54 a.m.-11:12 a.m.
A PILOT TRIAL EXAMINING RACIAL DIFFERENCES IN RESPONSE TO ALGORITHM-GUIDED SMOKING CESSION MEDICATION SELECTION IN PERSONS LIVING WITH HIV
Karen Cropsey, PsyD*, Pamela Valera, PhD, ACSW, F. Joseph McElrnon, PhDr, Conall O’Cleirigh, PhDr, 1University of Alabama at Birmingham, 2Columbia University, 3Duke University Medical Center, 4Massachusetts General Hospital

11:12 a.m.-11:30 a.m.
EXAMINATION OF THE RELATIONSHIP OF SMOKING AND ANXIETY TO MEDICATION ADHERENCE AMONG PEOPLE LIVING WITH HIV
Hannah Esan*, Melody Willoughby*, Christine Lee*, Kate Segal*, Alyssa Burns*, Elizabeth Seng*, Jonathan Shuter*, Andrea Weinberger*, 1Yeshiva University, NY, USA, 2Montefiore Medical Center, NY, USA

10:00 a.m.-11:30 a.m............ Chicago Ballroom 6 (Level 4)
Podium Presentation 3: Paper Session 13: Rapid Fire TREATMENT

Session Chair: Natalie Walker, PhD
Audience: T, C

10:00 a.m.-10:10 a.m.
IN VIVO NRT SAMPLING INCREASES MEDICATION ADHERENCE AMONG CRIMINAL JUSTICE SMOKERS: A PILOT STUDY
Karen Cropsey*, Aaron Sellers*, Morgan Froelich*, Richard Shelton*, Peter Hendricks*, Matthew Carpenter*, 1University of Alabama in Birmingham, AL, USA, 2Medical University of South Carolina, AL, USA

10:10 a.m.-10:20 a.m.
SELECTION CRITERIA LIMIT GENERALIZABILITY OF SMOKING CESSATION STUDIES DIFFERENTIALLY ACROSS RANDOMIZED-CONTROLLED TRIALS AND LABORATORY STUDIES: A REVIEW ON VARENICLINE

10:20 a.m.-10:30 a.m.
SOME METHODOLOGICAL ISSUES IN EVALUATING THE EFFICACY OF ELECTRONIC CIGARETTES IN HELPING SMOKERS QUIT
Hayden McRobbie*, Peter Hajek, Queen Mary University of London, United Kingdom

10:30 a.m.-10:40 a.m.
PHASE 1 EVALUATION OF AN AUTOMATED PASSIVE DIFFUSION TRANSDERMAL INDIVIDUALIZED NICOTINE DELIVERY TECHNOLOGY FOR SMOKING CESSATION
10:40 a.m.-10:50 a.m.
EFFECTS OF MAINTENANCE VARENICLINE ON RELAPSE IN THOSE WITH AND WITHOUT SCHIZOPHRENIA SPECTRUM AND BIPOLAR DISORDERS
Susanne Hoeppner1, David Schoenfeld2, Corinne Cather2, Gladys Pachas2, A. Eden Evins*2, 1Massachusetts General Hospital, MA, USA, 2Massachusetts General Hospital and Harvard Medical School, MA, USA

10:50 a.m.-11:00 a.m.
THE EFFECTS OF THE NICOTINE PATCH, VARENICLINE, AND COMBINATION NRT ON LONG-TERM ABSTINENCE: A COMPARATIVE EFFICACY TRIAL
Stevens Smith*, Megan Piper, James Stein, Michael Fiore, David Fraser, Madeline Oguss, Timothy Baker, University of Wisconsin School of Medicine and Public Health, WI, USA

11:00 a.m.-11:10 a.m.
THE RELATIONSHIP BETWEEN NICOTINE METABOLITE RATIO (NMR) AND SMOKING CESSION AMONG AN INTERNATIONAL COHORT OF SMOCKERS IN FIVE COUNTRIES
Brian Fix1, Richard O’Connor*1, Ron Borland2, K. Michael Cummings3, Geoffrey Fong4, James Thrasher5, Neal Benowitz6, 1Roswell Park Cancer Institute, NY, USA, 2Cancer Council Victoria, Australia, 3Medical University of South Carolina, SC, USA, 4University of Waterloo, ON, Canada, 5University of South Carolina, SC, USA, 6University of California San Francisco, CA, USA

11:10 a.m.-11:20 a.m.
DEVELOPMENT AND TESTING OF A COMPUTERIZED DECISION SUPPORT SYSTEM TO FACILITATE BRIEF TOBACCO CESSION TREATMENT IN THE PEDIATRIC EMERGENCY SETTING
Judith Dexheimer1, Jane Khoury1, Judith Gordon2, 1Cincinnati Children’s Hospital Medical Center, OH, USA, 2University of Arizona, AZ, USA

11:20 a.m.-11:30 a.m.
DOES EFFECTIVENESS OF ADOLESCENT SMOKING-CESSATION INTERVENTION ENDURE INTO YOUNG ADULTHOOD? 7-YEAR FOLLOW-UP RESULTS FROM A GROUP-RANDOMIZED TRIAL
Arthur Peterson, Jr.*1,2, Patrick Marek1, Kathleen Kealey1, Jonathan Bricker1,2, Evette Ludman3, Jaimee Hefner1, 1Fred Hutchinson Cancer Research Center, WA, USA, 2University of Washington, WA, USA, 3Group Health Center for Health Studies, WA, USA

10:00 a.m.-11:30 a.m. Chicago Ballroom 8 (Level 4)
Podium Presentation 3: Paper Session 14
TOBACCO USE TREATMENT IN PRIMARY AND SECONDARY CARE
Session Chair: Chris Bullen, PhD
Audience: T, C, P, PH/E

10:00 a.m.-10:15 a.m.
SYSTEM CHANGES TO IMPLEMENT JOINT COMMISSION GUIDELINES FOR TREATING TOBACCO USE AMONG HOSPITALIZED PATIENTS
Ana Mola, Keith Goldfeld, Ryan Sullivan, Jonathon Austrian, NYU School of Medicine, NY, USA
10:15 a.m.-10:30 a.m.
**USING LEAN TOOLS TO INCREASE EVIDENCE-BASED TOBACCO USE TREATMENT IN HOSPITALIZED NEUROSURGERY PATIENTS**
Laurel Sisler*, Oluwaseun Omofoye, Carol Ripley-Moffitt, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA

10:30 a.m.-10:45 a.m.
**PHYSICIANS’ KNOWLEDGE, BELIEFS, AND PRACTICES REGARDING E-CIGARETTES: RESULTS FROM A NATIONAL SURVEY OF U.S. PRIMARY CARE PHYSICIANS**
Omar El-Shahawy**, Jennifer Elston Lafata**, School of Medicine, NY, USA, 3Virginia Commonwealth University, VA, USA

10:45 a.m.-11:00 a.m.
**CHARACTERISTICS AND MOTIVATION TO QUIT SMOKING IN PATIENTS WITH CANCER IN PRIMARY CARE SETTINGS**
Peter Selby**, Eleanor Liu*, Anna Ivanova, Yushi Xie, Dolly Balinuas, Carolyn Peters, Laurie Zawertailo, Centre for Addiction and Mental Health, University of Toronto, ON, Canada, Centre for Addiction and Mental Health-Toronto, ON, Canada, Centre for Addiction and Mental Health, ON, Canada

11:00 a.m.-11:15 a.m.
**FACTORS ASSOCIATED WITH PRIMARY CARE PHYSICIANS’ INTENTION TO RECOMMEND E-CIGARETTE USE TO THEIR ADULT PATIENTS WHO SMOKE**
Omar El-Shahawy**, Levent Dumenci**, Jennifer Elston Lafata**, School of Medicine - New York University, NY, USA, Temple University - Philadelphia, PA, USA, Virginia Commonwealth University - Richmond, VA, USA

11:30 a.m.-1:00 p.m. ......... Riverwalk B (River Exhibition Level 1)
**Poster Session 3: Public Health/Epi**
11:30 a.m.-1:00 p.m. ......... Riverwalk B (River Exhibition Level 1)
**Lunch Break**
Pick up your complimentary boxed lunch in Riverwalk B, starting at 11:15 a.m.

1:00 p.m.-2:30 p.m. ......... Sheraton Ballroom 3 (Level 4)
**Podium Presentation 4: Symposium 11**
**WHAT WE KNOW ABOUT APPEAL: IMPLICATIONS FOR PRODUCT REGULATION**
Co-chairs: Cathy L. Backinger, PhD, MPH, Food and Drug Administration; Dana M. van Bemmelen, PhD, MPH, Food and Drug Administration
Presenters: Richard J. O’Connor, PhD, Roswell Park Cancer Institute; Andrea C. Villanti, PhD, MPH, Schroeder Institute for Tobacco Research and Policy Studies; David R. Strong, PhD, University of California, San Diego; Melissa B. Harrell, PhD, MPH, UT Health
Audience: PH/E, P

The Center for Tobacco Products (CTP), Food and Drug Administration (FDA) has pre-market review authority over new tobacco products and the appeal of these products can impact marketing authorization decisions due to its impact on the population as a whole. Product standards may be adopted if they are appropriate for the protection of public health and one potential product standard that CTP is exploring addresses "appeal." This symposium will explore the range of science addressing the appeal of tobacco products including product design, flavors, packaging and labeling, and marketing. The Roswell Park Cancer Institute presentation on product design will provide an overview on sensory effects, filter ventilation, and additives. New data from the nationally, representative
longitudinal National Institutes of Health (NIH)/FDA Population Assessment on Tobacco and Health (PATH) Study baseline collection, September 2013- December 2014, will be pre-

sented on prevalence and reasons for use of flavored tobacco products flavors among adults and youth. Investigators from the University of California, San Diego will present factors related to packaging and labeling that influence consumer perceptions, and the NIH/FDA University of Texas TCORS will focus on youth tobacco product marketing at point-of-scale and in print publications. Discussion will focus on what has been learned about the appeal of cigarettes and relevance for new and novel products, and implications for future tobacco product regulation.

1:00 p.m.-2:30 p.m. ............... Chicago Ballroom 9 (Level 4)
Podium Presentation 4: Symposium 12
SEEKING A PRO-EQUITY IMPACT: THE INTERSECTION OF TOBACCO-CONTROL POLICY AND HEALTH DISPARITIES RESEARCH

Chair: Megan E. Roberts, PhD, The Ohio State University
Presenters: Shyanika W. Rose, PhD, Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative; Shelley D. Golden, PhD, MPH, University of North Carolina; Kurt M. Ribisl, PhD, University of North Carolina; Lourdes Baezconde-Garbanati, PhD, MPH, MA, University of Southern California
Audience: HD, PH/E, P

Tobacco-control policies can exacerbate health disparities when, despite reducing tobacco rates at the population-level, they fail to benefit the vulnerable populations at greatest risk. In order to prevent a widening of disparities, it is criti-
cal for policies being considered at the local and national level to evaluate the potential effects on health equity. This symposium will bring together researchers investigating policy-relevant factors involved in U.S. tobacco-use dispari-
ties. Presenters will discuss policy implications that arise from their findings, with particular focus on the pro-equity impact. The chair, Dr. Megan Roberts, will provide a brief introduc-
tion to tobacco-related health disparities and the drawbacks to an exclusively population-level approach. This broad overview will be followed by Dr. Shyanika Rose presenting an ecological momentary assessment study that found African Americans and Hispanics experience greater exposure to tobacco marketing. Her presentation will include discussion of how banning flavored tobacco products may reduce racial/ethnic disparities in tobacco use. Dr. Shelley Golden will present nationally-representative data modeling the potential effects of minimum price laws. Her projections will show how setting floor prices could reduce prevalence and socioeco-
nomic disparities in smoking. Dr. Kurt Ribisl will present on the potential impact of a policy that would ban retailers from sell-
ing tobacco products within 1,000 feet of schools. His findings suggest such a proximity policy could reduce socioeconomic and racial/ethnic disparities in tobacco retailer density. Dr. Baezconde-Garbanati will present on the retail environment itself—specifically, retailers working in ethnic communities. Her findings include the prevalent misinformation among retailers about the FDA authority and the factors behind retailers’ failures to comply with federal tobacco regulations. Finally, the discussant, Micah Berman, JD, will briefly sum-
marize the presentations and expound on their research and policy implications. This discussion will consider the types of health disparities research that will be most useful for guiding regulatory policy moving forward.
Podium Presentation 4: Symposium 13
TRAJECTORIES OF SMOKING ABSTINENCE: SHORT-TERM PAIN, LONG-TERM GAIN?

Chair: Marcus R. Munafo, PhD, University of Bristol
Presenters: David G. Gilbert, PhD, Southern Illinois University Carbondale; Gemma Taylor, PhD, University of Bristol; Danielle E. McCarthy, PhD, Rutgers, the State University of New Jersey; Saul Shiffman, PhD, University of Pittsburgh

Audience: HD, C, T, PH/E

Hajek, Taylor and McRobbie (2010) recently concluded that, "In highly dependent smokers that report that smoking helps them cope with stress, smoking cessation is associated with lowering of stress. Whatever immediate effects of smoking may have on perceived stress, overall it may generate or aggravate negative emotional states. The results provide reassurance to smokers worried that stopping smoking may deprive them of a valuable resource." In other words, despite the widely held belief among smokers that smoking can improve mood and alleviate stress, this may largely be attributable to withdrawal-relief. This symposium will synthesise the state of the art regarding what is known about the long-term impact of smoking cessation on mood and stress-related symptoms. David Gilbert will discuss evidence that abstinence symptoms (including mood symptoms) do not resolve within at least two months for most individuals, and potentially for even longer periods. Gemma Taylor will present evidence from both the general population and psychiatric populations that successful quitters show an improvement in mood state over time, and describe evidence that smoking reduction among continuing smokers is not associated with a worsening of emotional state. Danielle McCarthy will discuss evidence that the short-term symptoms associated with quitting are perhaps not as closely tied to abstinence as we might think and can be altered through non-pharmacological means. Finally, Saul Shiffman will discuss how we know when symptom changes, particularly emotional distress, are due to withdrawal. This will draw on analyses of the timecourse of affective changes from baseline, where it is possible to track recovery of baseline emotional state, and analyses showing how treatment with high dose patch affects departure from baseline emotional state. These data also speak to the question of the volatility of affective state, raising questions about what it means to characterize someone's affect over long periods. Marcus Munafo will act as discussant, and highlight the challenges associated with inferring causality from observational data that may capture various mechanisms, such as direct effects of smoking and effects of short- and long-term withdrawal. Directions for future long-term studies and other methods for tackling these important questions will be discussed.
1:00 p.m.-2:30 p.m. Sheraton Ballroom 1 (Level 4)
Podium Presentation 4: Paper Session 15
AMERICAN INDIAN AND ALASKA NATIVE TOBACCO CONTROL AND TREATMENT
Session Chair: E. Eden Evans, PhD
Audience: HD, T, PH/E, P
1:00 p.m.-1:15 p.m.
DZIL NAT’OH IS THE TRADITIONAL HEALER’S TOBACCO: THE HISTORY, IMPACT, AND ROLE OF CULTURALLY RELEVANT POLICIES TO CURB THE USE OF COMMERCIAL TOBACCO IN THE NAVAJO CEREMONIAL SETTING
Samantha Sabo1, Alfred Yazzie2, Hershal Clark3, Carmen-lita Chief4, Scott Leischow5, 1Zuckerman College of Public Health, University of Arizona, AZ, USA, 2Black Hills Center for American Indian Health, AZ, USA, 3Mayo Clinic of Scottsdale, AZ, USA
1:15 p.m.-1:30 p.m.
CORRELATES OF MENTHOL CIGARETTE USE AMONG AMERICAN INDIAN SMOKERS IN MINNESOTA
Jean Forster1, Joanne D’Silva*2, Kelvin Choi3, John Poupart4, Kristine Rhodes5, 1University of Minnesota, MN, USA, 2Clear-Way Minnesota, MD, USA, 3National Institute on Minority Health and Health Disparities Division of Intramural Research, MD, USA, 4Anishinabe, Lac du Flambeau (WI), American Indian Policy Center, MN, USA, 5American Indian Cancer Foundation, Bad River Chippewa, MN, USA
1:30 p.m.-1:45 p.m.
TOBACCO USE PATTERNS AND QUITLINE UTILIZATION IN AMERICAN INDIAN AND ALASKAN NATIVE PATIENTS ACROSS 14 STATES
Amy Lukowski1, Chad Morris2, David Tinkelman1, 1National Jewish Health, Health Initiatives Programs, CO, USA, 2Behavioral Health and Wellness Program University of Colorado, Anschutz Medical Campus, CO, USA
1:45 p.m.-2:00 p.m.
RACIAL AND ETHNIC DIFFERENCES IN WHAT SMOKERS REPORT PAYING FOR THEIR CIGARETTES
Shelley Golden*1, Amanda Kong1, Kurt Ribisl1,2, 1University of North Carolina-Chapel Hill, NC, USA, 2Lineberger Comprehensive Cancer Center, NC, USA
2:00 p.m.-2:15 p.m.
AMERICAN INDIAN/ALASKAN NATIVE CIGARETTE SMOKING AMONG YOUTH AND YOUNG ADULTS
Paul Mowery, MA, Biostatistics, Inc.
1:00 p.m.-2:30 p.m. Chicago Ballroom 6 (Level 4)
Podium Presentation 4: Paper Session 16
E-CIGARETTE TOXICITY
Session Chair: Maciej L. Goniewicz, PhD, PharmD
Audience: BS, PC
1:00 p.m.-1:15 p.m.
GENERATION OF NANOPIRTELES BY ELECTRONIC CIGARETTE
Vladimir Mikheev*1, Marielle Brinkman1, Courtney Granville1, Sydney Gordon1, Pamela Clark2, 1Battelle Memorial Institute, OH, USA, 2University of Maryland, MD, USA
1:15 p.m.-1:30 p.m.  
DETECTION OF ACRYLONITRILE AND ACRYLAMIDE IN AEROSOL FROM ELECTRONIC NICOTINE DELIVERY SYSTEMS  
Maciej Goniewicz, Mary Palumbo, Noel Leigh, Ridhima Mishra*, Sophia Chirayil*, Roswell Park Cancer Institute, NY, USA

1:30 p.m.-1:45 p.m.  
TOWARDS A PROGNOSTIC MODEL OF NICOTINE DELIVERY FROM ELECTRONIC CIGARETTES: COMPARISON OF MEASURED PLASMA NICOTINE LEVELS TO PREDICTED NICOTINE EMISSIONS FOR 35 INDIVIDUAL ECIG USE SESSIONS  
Soha Talih1,2, Zainab Balhass1, Marzena Hiler2, Alison Breland2, Thomas Eissenberg2, Alan Shihadeh1,2, *American University of Beirut, Lebanon, 1American University of Beirut, Lebanon, 2Virginia Commonwealth University, VA, USA

1:45 p.m.-2:00 p.m.  
EVALUATION OF NICOTINE, CARBON MONOXIDE, AND TOTAL NNAL IN CIGARETTE SMokers AND SECOND AND THIRD GENERATION E-CIGARETTE USERS  
Theodore Wagener*, Irina Stepanov, Eleanor Leavens, Leslie Driskill, Alayna Tackett, Neil Molina, Evan Floyd, Ellen Meier, Oklahoma Tobacco Research Center, University of Oklahoma Health Sciences Center, OK, USA, University of Minnesota, MN, USA, Oklahoma Tobacco Research Center Oklahoma State University, OK, USA, Oklahoma Tobacco Research Center, The University of Oklahoma, OK, USA

2:00 p.m.-2:15 p.m.  
TOBACCO TOXICANT EXPOSURE IN CIGARETTE SMokers WHO USE OR DO NOT USE OTHER TOBACCO PRODUCTS  
Nicole Nollen, PhD, Neal Benowitz, MD, Matthew Mayo, PhD, Lisa Sanderson-Cox, PhD, Taneisha Scheuermann, PhD, Lauren Clark, MS, Jasjit Aihuwalia, MD, MPH, MS, University of Kansas School of Medicine, 2University of California, San Francisco, 3Rutgers University School of Public Health

2:15 p.m.-2:30 p.m.  
ACTIVATION OF CHEMOSENSORY RECEPTORS AND RESPIRATORY IRRITATION RESPONSES BY ELECTRONIC CIGARETTE FLAVORANTS AND VAPORS  
Sairam Jabba*, Ana Caceres, Melanie Kaelberer, Kayvon Ghosehi, Gregory Smith, John Morris, Sven-Eric Jordt, Duke University School of Medicine, NC, USA, 2University of Connecticut, Storrs, CT, USA

1:00 p.m.-2:30 p.m.  
YOUTH AND NICOTINE USE  
Session Chair: Grace Kong, PhD  
Audience: C, PH/E

1:00 p.m.-1:15 p.m.  
ADOLESCENTS’ RESPONSE TO NICOTINE DOSE IN CIGARETTEs: PRELIMINARY EVIDENCE FROM A WITHIN-SUBJECTS LABORATORY STUDY  
Suzanne Colby, Jennifer Tidye, Kristina Jackson, Patricia Cioe, Suchitra Krishnan-Sarin, Dorothy Hatsukami, Brown University, RI, USA, Yale University, CT, USA, University of Minnesota, MN, USA
1:15 p.m.-1:30 p.m.
TOBACCO PRODUCT POLY-USE AMONG CIGARETTE USING ADOLESCENTS: AN INCREASING TREND, UNITED STATES 1999-2013
Benjamin Chaffee*, Elizabeth Couch, Margaret Walsh, Stuart Gansky, University of California San Francisco, CA, USA

1:30 p.m.-1:45 p.m.
E-CIGARETTE USE AS A PREDICTOR OF COMBUSTIBLE TOBACCO PRODUCT USE AMONG OLDER ADOLESCENTS IN SOUTHERN CALIFORNIA
Robert Urman*, Jessica Barrington-Trimis, Adam Leventhal, Tess Cruz, Jennifer Unger, Kiros Berhane, Jonathan Samet, Rob McConnell, University of Southern California, CA, USA

1:45 p.m.-2:00 p.m.
COMPARING THE EFFECT OF NICOTINE VERSUS PLACEBO ELECTRONIC CIGARETTES ON SMOKING REDUCTION AMONG YOUNG ADULT SMOKERS
Jamie Ostroff1, Alena Campo2, Meghan Gerard3, Thomas Kirchner4, John Rotrosen5, 1Memorial Sloan Kettering Cancer Center, NY, USA, 2NYU School of Medicine, NY, USA, 3New York University, College of Global Public Health, NY, USA

2:00 p.m.-2:15 p.m.
FREE, EASY, AND EFFECTIVE: HOW YOUNG ADULTS USED THE NICOTINE PATCH AND TO WHAT EFFECT
Amanda Kirkwood1, Heather Travis1, Selby Peter2, 1Brock University, ON, Canada, 2Centre for Addiction and Mental Health, ON, Canada

2:15 p.m.-2:30 p.m.
ASSESSING TOBACCO MARKETING RECEPTIVITY AMONG YOUTH: AN INNOVATIVE APPROACH THAT INTEGRATES POINT OF SALE MARKETING, CIGARETTE PACKAGE BRANDING, AND BRANDED MERCHANDISE
Sandra Braun*, Christy Kollath-Cattano2, Inti Barrientos2, Raúl Mejía3, Paola Morello3, James Sargent4, James Thrasher2, 1Hospital de Clínicas Universidad de Buenos Aires, Buenos Aires, Argentina Health Economy & Society, Centro de Estudios de Estado y Sociedad, Buenos Aires, Argentina, 2Department of Health Promotion Education and Behavior, University of South Carolina, Columbia, SC, USA, 3Department of Tobacco Research, Center for Population Health Research National Institute of Public Health, Cuernavaca, Mexico, 4Health Economy & Society, Centro de Estudios de Estado y Sociedad, Buenos Aires, Argentina, 5Pediatrics, Dartmouth Medical School, Hanover, NH USA
1:00 p.m.-2:30 p.m. .......... Sheraton Ballroom 2 (Level 4)

Podium Presentation 4: Paper Session 18

TOBACCO USE AND WEIGHT MANAGEMENT

Session Chair: Monica Webb Hooper, PhD
Audience: PH/E, C, LMIC

1:00 p.m.-1:15 p.m.
CIGARETTE SMOKING AND ABDOMINAL OBESITY IN FINNISH MEN AND WOMEN: A POPULATION-BASED STUDY
Eeva-Liisa Tuovinen*1, Suoma Saarni2, Katja Borodulin3, Taru Kinnunen4, Kristiina Patja5, Jaakko Kaprio6, Tellervo Korhonen7, 1University of Helsinki- Finland, Finland, 2Turku University Central Hospital- Finland National Institute for Health and Welfare-Finland University of Finland, Turku, Finland, 3National Institute for Health and Welfare- Finland, Finland, 4Harvard- MA, USA, 5Independent Researcher, Finland, 6University of Helsinki, Finland National Institute for Health and Welfare, Finland, 7University of Helsinki- Finland University of Eastern Finland- Finland National Institute for Health and Welfare, Finland

1:15 p.m.-1:30 p.m.
A COMPARATIVE ANALYSIS OF DIETARY ADEQUACY AMONG SMOKING, SMOKELESS, AND DUAL TOBACCO USER HOUSEHOLDS IN BANGLADESH
Mandeep Virk-Baker*1, Mark Parascandola2, 1Cancer Prevention Fellow, Health Behaviors Research Branch, Division of Cancer Control and Population Sciences, National Cancer Institute, National Institutes of Health, MD, USA, 2Tobacco Control Research Branch, Division of Cancer Control and Population Sciences, National Cancer Institute, National Institutes of Health, MD, USA

1:30 p.m.-1:45 p.m.
ARE MENTHOLATED CIGARETTES CONNECTED WITH OBESITY?
Cassandra Stanton1, Mayra Vargas2, Luis Espinoza3, Clery Quiros3, 1Georgetown University Medical Center, MD, USA, 2Florida International University, FL, USA, 3University of Miami, FL, USA

1:45 p.m.-2:00 p.m.
DESIGN AND IMPLEMENTATION OF A COMBINED TOBACCO CESSATION AND WEIGHT MANAGEMENT INTERVENTION IN QUITLINES
Jennifer Lovejoy1, Harold Javitz2, Stacey Mahuna-Brantner3, Alula Torres3, Ken Wassum3, Brooke Magnusson3, Bonnie Spring4, 1Arivale, WA, USA, 2SRI, CA, USA, 3Alere, WA, USA, 4Northwestern University, IL, USA

2:00 p.m.-2:15 p.m.
THE DILEMMA OF ACCESS TO CARE AND QUITTING SMOKING IN A SURGICAL WEIGHT LOSS PROGRAM
Susan Veldheer*1, Ann Rogers2, Jonathan Foulds1, 1Penn State College of Medicine, Department of Public Health Sciences, PA, USA, 2Penn State College of Medicine, Penn State Hershey Medical Center, Department of Surgery, PA, USA
DISTRESS TOLERANCE TREATMENT FOR WEIGHT CONCERN IN SMOKING CESSATION AMONG WOMEN: THE “WE QUITS” PILOT STUDY

Erika Bloom*, Rena Wing, Christopher Kahler, J. Kevin Thompson, Sari Meltzer, Haruka Minami, Jacki Hecht, Lawrence Price, Richard Brown, Alpert Medical School of Brown University and Rhode Island Hospital, RI, USA, 2Alpert Medical School of Brown University and The Miriam Hospital, RI, USA, 3Brown University School of Public Health, RI, USA, 4University of South Florida, FL, USA, 5Alpert Medical School of Brown University and Butler Hospital, RI, USA, 6University of Texas at Austin, TX, USA

NICOTINE DEPENDENCE AND BRAIN

Session Chair: Christine Fowler, PhD
Audience: PC, C, PH/E

EFFECTS OF CHRONIC NICOTINE TREATMENT AND TERMINATION ON NICOTINE SELF-ADMINISTRATION
Stephen Kohut*, Claire Barkin, Jack Bergman, McLean Hospital, Harvard Medical School, MA, USA

ACTIVATION OF ALPHA6BETA2 SUBUNIT CONTAINING NICOTINIC ACETYLCHOLINE RECEPTORS IN THE NUCLEUS ACCUMBENS SHELL PROMOTES NICOTINE REWARD
Alexandra Stafford*, Ryan Drennan, Darlene Brunzell, Virginia Commonwealth University, VA, USA, Purdue University, IN, USA

TRANSCRANIAL DIRECT CURRENT BRAIN STIMULATION INCREASES ABILITY TO RESIST SMOKING
Mary Falcone*, Leah Bernardo, Rebecca Ashare, Roy Hamilton, Olufunsho Faseyitan, Sherry McKee, James Loughead, Caryn Lerman, University of Pennsylvania, PA, USA, Yale University, CT, USA

HIGHER STIMULUS CONTROL IS ASSOCIATED WITH LESS CIGARETTE INTAKE IN DAILY SMOKERS
Stuart Ferguson*, Saul Shiffman, Michael Dunbar, Natalie Schüz, University of Tasmania, Australia, University of Pittsburgh, PA, USA

REDUCING SMOKING-RELATED CRAVING VIA A RETRIEVAL-EXTINCTION MECHANISM
Matthew Carpenter, Lisa Germeroth, Nathaniel Baker, Steven LaRowe, Hollings Cancer Center and Addiction Sciences Division, MUSC, SC, USA, Department of Psychiatry and Behavioral Sciences, MUSC, SC, USA, Department of Public Health Sciences, MUSC, SC, USA, Substance Abuse Treatment Center Mental Health Service, Ralph H. Johnson Veterans Affairs Medical Center and Addiction Sciences Division, MUSC, SC, USA

DEPENDENCE AMONG CIGARETTE SMOKERS USING OTHER TOBACCO PRODUCTS
Nasir Mushtaq*, Dana Mowls, Mary Williams, Laura Beebe, University of Oklahoma Health Sciences Center, OK, USA
2:30 p.m.-3:00 p.m. ............. Sheraton Ballroom 5 (Level 4)
Refreshment Break & Exhibit Time

3:00 p.m.-4:15 p.m. ............. Chicago Ballroom 6 (Level 4)
Jarvik-Russell New Investigator Awards Paper Session
  Session Chair: Megan Piper, PhD

3:00 p.m.-3:15 p.m.
MITOCHONDRIAL STRESS AND INFLAMMATION FOLLOWING EXPOSURE TO ELECTRONIC CIGARETTE AEROSOLS
Chad Lerner*, Pierrot Rutagarama1, Isaac Sundar1, Deborah Ossip1, Scott McIntosh1, Risa Robinson2, Irfan Rahman1,
1University of Rochester-Rochester, NY, USA, 2Rochester Institute of Technology, NY, USA

3:15 p.m.-3:30 p.m.
NICOTINE WITHDRAWAL AND ANHEDONIA: CLINICAL RELEVANCE OF A NEURAL INDEX OF MOTIVATIONAL STATE
Jason Oliver*, John Allen2, Thomas Brandon3, David Drobes3,
1Duke University School of Medicine, NC, USA, 2University of Arizona, AZ, USA, 3Moffitt Cancer Center, FL, USA

3:30 p.m.-3:45 p.m.
Heather D’Angelo*, Shelley Golden2, Lisa Henriksen3, Shyanika Rose4, Shauna Rust5, Kurt Ribisl6, 1National Cancer Institute, MD, USA, 2University of North Carolina at Chapel Hill, NC, USA, 3Stanford University, CA, USA, 4Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, DC, USA

3:45 p.m.-4:15 p.m.
Jarvik-Russell New Investigator Award Presentation
HELPING PEOPLE STOP SMOKING: CAN WE DO BETTER?
Hayden McRobbie, MB, ChB, PhD
Queen Mary University, London
Wolfson Institute of Preventative Medicine

4:15 p.m.-4:30 p.m.
Break
4:30 p.m.-5:30 p.m.  
**Epidemiology and Public Health Themed Lecture**

**Current U.S. Tobacco Education Campaigns: A Synthesis of Evidence from Formative and Outcome Studies**

Donna Vallone, PhD, MPH, Chief Evaluation Science and Research Center Officer, Truth Initiative; 
Tesfa Alexander, PhD, Director of Research and Evaluation in the Office of Health Communication and Education of the U.S. Food and Drug Administration’s (FDA) Center for Tobacco Products (CTP); 
Bob Rodes, MS, MBA, Med, Team Lead for the Research, Evaluation and Technical Assistance Team (RETA) in the Health Communications Branch (HCB) at the Centers for Disease Control and Prevention’s Office on Smoking and Health (OSH).

5:30 p.m.-7:00 p.m. ............ Riverwalk B (Exhibition Level 1)  
**Poster Session 4: Public Health/Epi**
SESSION SUMMARY
SATURDAY
MARCH 5, 2016
Tobacco packaging is an important communications tool for governments. Health warnings on packs are a simple and credible means of communicating the health risks of smoking, with the impact of warnings influenced by their design. Aside from design, another way to increase the salience of warnings is via plain (or standardised) packaging. Despite growing interest in plain packaging, particularly within Europe, Australia remains the only country to have implemented this measure. As such, the findings from here will be of significant interest elsewhere. The exterior of tobacco packaging is obviously crucial for communication, as this is something that all consumers are exposed to, but the pack interior is also important. Tobacco companies use inserts to inform consumers of pack redesigns, brand extensions, new product development, promotions, and encourage consumers to challenge tobacco regulation. Only in Canada are inserts with positive messaging about quitting required, although little is known about their impact. Similarly, there is a dearth of research exploring how the cigarette - the primary package – could also potentially be used to deter smoking. In the first talk, Hammond will discuss the role of health warnings, with a focus on the effectiveness of health warning content, using data from the ITC four country survey. Borland will then discuss the range of impacts of plain packaging in Australia, using data from three waves of the ITC Australia survey. Looking inside the pack, which is extremely important to tobacco companies but has been largely overlooked by public health, Thrasher will compare how pack inserts can be used to inform consumers of available help and the relationship between reading inserts and attempting to quit. Findings come from a longitudinal study of adult smokers from Australia, Canada and Mexico. Finally, using focus group research with adult smokers in Scotland, Moodie will consider how the cigarette is being used by tobacco companies as a promotional tool, gauging smokers’ perceptions of slim, coloured and menthol capsule cigarettes. The study also explores the potential for the cigarette to deter smoking, exploring perceptions of including a health warning on the cigarette itself.
Podium Presentation 5: Symposium 15
ANXIETY AND SMOKING: EMERGING DATA ON MECHANISTIC FACTORS AND TREATMENT
Chair: Noreen L. Watson, PhD, Fred Hutchinson Cancer Research Center
Presenters: Teresa M. Leyro, PhD, Rutgers, The State University of New Jersey; Samantha G. Farris, MA, Alpert Medical School of Brown University and University of Houston; Noreen L. Watson, PhD, Fred Hutchinson Cancer Research Center; Johnna L. Medina, MA, The University of Texas at Austin
Audience: C, T

Anxiety symptoms and disorders are not only remarkably comorbid with cigarette smoking, they are important risk-factors associated with the maintenance and relapse of smoking behaviors. While the empirical evidence demonstrating these relations are robust, the literature to date has not adequately clarified the underlying vulnerabilities and nature of the anxiety-smoking relationship. Elucidating a better understanding of these processes, through experimental and prospective research paradigms, is necessary in order to spur the development of targeted cessation programs that address the unique needs of this important group of smokers (i.e., those with anxiety symptoms/disorders)—which may significantly improve their chances of successful smoking cessation. Translational in nature, this symposium will provide new research findings regarding the biological, physiological, and psychological underpinnings of anxiety and smoking as well as preliminary data on a novel intervention addressing many of the vulnerabilities of this group of smokers. First, Dr. Teresa Leyro will discuss the prospective relation between the HPA-axis, anxiety sensitivity, and tobacco craving and withdrawal symptom severity following 24 hours of smoking deprivation. Samantha Farris will present a laboratory test of panic arousal and negative smoking reinforcement (urges, smoking topography), and discuss the role of anxiety sensitivity in these associations. Dr. Noreen Watson will present data on how social anxiety interacts with smoking expectancies to predict craving in response to a social interaction task during a period of smoking deprivation. Finally, Johnna Medina will discuss preliminary data from an intervention trial using yoga to target anxiety-related factors (e.g., anxiety sensitivity, craving) that contribute to smoking relapse for female smokers with high levels of anxiety. Dr. Megan Kelly will then synthesize the findings of these studies in the context of the wider body of literature examining the relationship between anxiety symptoms/disorders and cigarette smoking; she will conclude with a discussion regarding directions for future research and treatment implications.

Podium Presentation 5: Symposium 16
TESTING ADDICTION THEORY-BASED MECHANISMS OF SMOKING BEHAVIORS: FROM CLINICAL TREATMENT TO NOVEL HUMAN LABORATORY PARADIGMS
Chair: Amanda R. Mathew, PhD, Northwestern University Feinberg School of Medicine
Presenters: Brian Hitsman, PhD, Northwestern University Feinberg School of Medicine; Lee Hogarth, PhD, University of Exeter; Amanda Mathew, PhD, Northwestern University Feinberg School of Medicine; Andrea King, PhD, University of Chicago
Audience: C, T
Recent advances in human laboratory-based studies of smoking behavior offer exciting opportunities to bridge the gap between theoretical accounts of nicotine dependence and real-world smoking behavior. In particular, the development of novel analog tasks helps to model key addiction processes observed in the context of clinical treatment (e.g., lapse, relapse); isolate the impact of intra-individual and environmental risk factors on these and other micro processes; and contribute to the development and refinement of theory-guided clinical intervention. This symposium brings together researchers who are conducting innovative and novel smoking cessation research utilizing both human laboratory and clinical trial methodology. Using data from an ongoing clinical trial of varenicline for adult smokers with cancer, Dr. Hitsman will report the results of a study that examines the relative contributions of affect and cognitive functioning in promoting smoking persistence. Dr. Hogarth will extend the focus to the human laboratory by using a novel mood induced tobacco choice task to distinguish intentional and automatic theories of affective control over tobacco-seeking behavior in young adults. Dr. Mathew will present on the role of distress intolerance, another barrier to smoking cessation, on motivation to quit and performance on a lapse analog task in adult daily smokers. Dr. King will expand the focus to newer tobacco products in a socio-behavioral lab model of young adult daily smokers’ affect and smoking urge responses to exposure to second generation e-cigarette use. Finally, Dr. Munafò will frame findings in the context of theoretical accounts of addiction and highlight how these data inform our understanding of nicotine dependence and guide the development of more effective smoking cessation interventions.

8:00 a.m.-9:30 a.m. Sheraton 4 (Level 4)
Podium Presentation 5: Symposium 17
HOW SHOULD WE TAX ELECTRONIC NICOTINE DELIVERY SYSTEMS—ANALYZING CURRENT EVIDENCE TO INFORM FUTURE POLICY
Chair: Raymond G. Boyle, PhD, ClearWay Minnesota
Presenters: Ann Boonn, MPH, Campaign for Tobacco-Free Kids; Frank J. Chaloupka, PhD University of Illinois at Chicago; Michael Amato, PhD, ClearWay Minnesota
Audience: PH/E, P

The market for electronic nicotine delivery systems (ENDS) has experienced rapid growth. Some business analysts predict ENDS could surpass the market for combustible cigarettes. While ENDS are substantially less harmful to individuals than combustible tobacco, the rapid growth of ENDS has occurred without deep knowledge of their patterns of use at the population level. ENDS use patterns in relation to initiation, dual use and cessation of combustible tobacco could result in net benefit or net harm to the population as a whole. Regulatory and other policy strategies should be designed to maximize the benefits and minimize the harms of ENDS. A central issue is how ENDS should be taxed, however scant evidence currently exists to inform decision making. In October 2012, Minnesota included ENDS as a product derived from tobacco in the state tobacco product tax. To date this is the only meaningful state tax applied to ENDS in the U.S. In contrast to the position adopted by Minnesota, several researchers have proposed a risk adjusted tax that would tax combusted products proportionately higher than non-combusted products that present a lower risk to the user. As other states and localities move to tax ENDS, a discus-
sion of differential taxation proportionate to the relative harms of different products is a timely topic. This symposium will examine the question of ENDS taxation with presentations of original data and a broad discussion of the topic. Raymond Boyle will chair the session. Ann Boonn from the Campaign for Tobacco-Free Kids will provide a general overview of the current status of ENDS taxation at the local and state level. Frank Chaloupka will present analyses of national data exploring ENDS own-price elasticity and cross-price elasticities. Michael Amato will present data from Minnesota by examining sales of ENDS before and after an increase in both cigarette and ENDS taxes. David Abrams will serve as the symposium discussant of the presentations, and will facilitate a broader discussion with the presenters and audience on the merits of ENDS taxation from a population perspective, based on the FDA’s mandate to use a public health standard.

8:00 a.m.-9:30 a.m. ............ Chicago Ballroom 6 (Level 4)

Podium Presentation 5: Symposium 18
EVIDENCE-BASED INSIGHTS INTO AN EMERGING BEHAVIOR: POPULATION DATA ON ADULT E-CIGARETTE USERS

Chair: Saul Shiffman, PhD, PinneyAssociates, Inc. and the University of Pittsburgh

Presenters: K. Michael Cummings, PhD, MPH, Medical University of South Carolina; Saul Shiffman, PhD, PinneyAssociates, Inc and the University of Pittsburgh; Geoffrey M. Curtin, PhD, RAI Services Company; Raymond Niaura, PhD, Schroeder Institute for Tobacco Research and Policy Studies, Legacy

Audience: PH/E, P

E-cigarettes are a fast-emerging class of nicotine products that have generated much debate and controversy, but little is yet known about patterns of adult e-cigarette use. This symposium presents new population data on adult use of e-cigarettes in the US and other countries, to inform the discussion of e-cigarettes. Michael Cummings presents International Tobacco Control survey data documenting trends in adults’ beliefs about e-cigarettes and their use of e-cigarettes (including use for cessation) in multiple countries that differ in their regulation of e-cigarettes. The data document rising use, and demonstrate the impact of different regulatory postures across the globe. Saul Shiffman presents US national data on patterns of e-cigarette use, drilling down beneath the typical reports of past-30-day use to document different populations of e-cigarette users based on frequency and amount of e-cigarette use, which in turn differ in demographics and in smoking patterns. Geoffrey Curtin presents US national data on the relationship between e-cigarette use and smoking, showing that greater frequency and amount of e-cigarette use is associated with increased likelihood of having abstained from smoking, and that 93% of adult e-cigarette users were established smokers at the time they adopted e-cigarettes. Ray Niaura presents data from a large US smoking cessation study, comparing outcomes among those who did and did not adopt e-cigarettes for smoking cessation. The analysis makes an important methodological point, showing that the initial association with treatment failure is artificial, and due to characteristics of smokers who choose to use e-cigarettes. Finally, Ken Warner, as discussant, will provide perspective on the data presented, and their implications for public health, policy, and tobacco and nicotine regulation. Time is provided for audience discussion. The symposium thus provides recent data on current patterns of adult e-cigarette use, touching on multiple uses in multiple populations to inform consideration of the role of e-cigarettes in population nicotine and tobacco use.
8:00 a.m.-9:30 a.m. .................. Sheraton Ballroom 3 (Level 4)
Podium Presentation 5: Symposium 19
DEVELOPMENT AND EVALUATION OF DIGITAL HEALTH MOBILE APPS FOR SMOKING CESSATION: STATE OF THE ART AND FUTURE DIRECTIONS
Chair: Reuven Dar, PhD, Tel Aviv University
Presenters: Reuven Dar, PhD, Tel Aviv University; Lorien C Abroms, ScD, George Washington University; Jonathan B Bricker, PhD, Fred Hutchinson Cancer Research Center
Audience: HD, C, T, PH/E

Recent years have witnessed a revolution in the number and sophistication of smartphone apps aimed at delivering smoking cessation interventions. The symposium will describe the development and evaluation of three interventions for smoking cessation using digital health mobile apps. The first speaker in the symposium will be Dr. Lorien Abroms from George Washington University. She will present findings related to SmokefreeMOM (SFM), the National Cancer Institute’s text messaging program that provides encouragement, advice, and tips to help pregnant women quit smoking. Dr. Abroms will present data on program adherence as well as short-term results of a pilot randomized trial within health systems. She will discuss the challenges involved in identifying ways of engaging smokers in a program setting and in evaluating the effects of such programs on cessation. The second speaker, Dr. Jonathan Bricker from Fred Hutchinson Cancer Research Center, will present data on the receptivity and cessation outcomes for a smoking cessation app that follows the principles of Acceptance & Commitment Therapy (ACT). The results from this trial in a population of primarily low SES female smokers showed that ACT was well-received and was associated with promising quit rates. Dr. Bricker will discuss methods which might increase program completion and potentially lead to higher quit rates. Finally, Dr. Reuven Dar from Tel Aviv University will describe SmokeBeat, a new smoking cessation app designed for use with smartwatches and wristbands. SmokeBeat is powered by a software platform that processes information from the sensors embedded in wearables. It can identify in real time the hand-to-mouth gestures that characterize smoking a cigarette and distinguish them from similar gestures (e.g., eating, drinking, shaving). The backend platform generates data analytics on a vast number of smoking parameters and distills from them both general and personal smoking patterns. Dr. Dar will present findings on the accuracy and reliability of SmokeBeat in detecting smoking gestures as well as data from a pilot study. The discussion will be led by Dr. Robert West from University College London.

8:00 a.m.-9:30 a.m. .................. Chicago Ballroom 10 (Level 4)
Podium Presentation 5: Paper Session 20
BIOMARKERS OF TOBACCO USE
Session Chair: Bartosz Koszowski, PhD
Audience: C, PH/E

8:00 a.m.-8:15 a.m.
ASSESSING U.S. POPULATION EXPOSURE TO CYANIDE AND SELECTED OTHER SMOKE CHEMICALS: NHANES 2001-2014
Benjamin C. Blount*, Liza Valentín-Blasini, Maria Morel-Espinosa, Lavinia Mills-Herring, and Rey de Castro, Tobacco and Volatiles Branch, Division of Laboratory Sciences, Centers for Disease Control and Prevention, Atlanta, GA, USA
8:15 a.m.-8:30 a.m.  
**ASSESSMENT OF VOLATILE NITROSAMINE EXPOSURE IN THE U.S. POPULATION–NHANES 2013-14**  
Tiffany Seyler*, James Hodgsen†, Lanqing Wang†, Debi Rhyner*, Benjamin Blount*, CDC, GA, USA, ORISE, GA, USA

8:30 a.m.-8:45 a.m.  
**EXAMINING COTININE AND HEMOGLOBIN A1C AMONG ADOLESCENTS FROM THE 1999-2012 NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY**  
Ashley Merianos*, Md. Monir Hossain†, E. Melinda Mahabee-Gittens*, University of Cincinnati, OH, USA, Cincinnati Children’s Hospital Medical Center, OH, USA

8:45 a.m.-9:00 a.m.  
**TRANS-3’-HYDROXYCOTININE (3HC) TO COTININE (COT) RATIO AND TIME TO FIRST CIGARETTE AMONG YOUNG ADULT SMOKERS**  
Steven Branstetter*, Melissa Mercincavage†, Joshua Muscat*, The Pennsylvania State University, PA, USA, The University of Pennsylvania, PA, USA

9:00 a.m.-9:15 a.m.  
**PERFORMANCE CHARACTERIZATION OF PTS DETECT COTININE SYSTEM, A POINT-OF-CARE-ANALYZER FOR THE RAPID QUANTIFICATION OF COTININE IN WHOLE BLOOD**  
Christopher Dailey, PhD*, Charles Xie, MD†, Pauline Shinkawa†, Tu-Anh Nguyen†, Annie Vu-Mendoza†, Kristin Westerfield, MBA†, Bao Phan†, Richard Lee†, Lee Springer†, Keith Moskowitz, PhD†, PTS Diagnostics, IN, USA, PTS Diagnostics, CA, USA

9:15 a.m.-9:30 a.m.  
**AN IMPROVED METHOD FOR THE MEASUREMENT OF TOBACCO-SPECIFIC CARCINOGEN BIOMARKER URINARY 4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-BUTANOL (NNAL) IN TOBACCO USERS**  
Baoyun Xia, Lanqing Wang, Yang Xia*, Centers for Disease Control and Prevention, GA, USA

8:00 a.m.-9:30 a.m.  
**Podium Presentation 5: Paper Session 21 SMOKING AND SOCIAL MEDIA**  
Session Chair: Corrine Graffunder, PhD  
Audience: C, PH/E

8:00 a.m.-8:15 a.m.  
**EXPLORING THE UTILITY OF ONLINE SOCIAL MEDIA ADVERTISING TO RECRUIT ADULT HEAVY DRINKING SMOKERS FOR TREATMENT**  
Krysten Bold*, Tess Hanrahan, Stephanie O’Malley, Lisa Fucito, Yale School of Medicine, CT, USA

8:15 a.m.-8:30 a.m.  
**USING WHATSAPP AND FACEBOOK SOCIAL GROUPS FOR SMOKING RELAPSE PREVENTION: A PILOT PRAGMATIC RANDOMIZED CONTROLLED TRIAL**  
Ching Han Helen Chan*, Chi Keung Jonah Lai†, Wai Fung Vivian Charnž, Man Ping Wang†, William Ho Cheung L‡, Sophia Siu Chee Chan*, Tai-hing Lam†, Integrated Centre on Smoking Cessation, Tung Wah Group of Hospitals, Hong Kong, The University of Hong Kong, Hong Kong
8:30 a.m.-8:45 a.m.
GENDER DIFFERENCES IN LANGUAGE DISCLOSED IN TWITTER-BASED QUIT SMOKING INTERVENTION
Ashley Sanders-Jackson*, Brandon Zerbe¹, Connie Pechmann², Judith Prochaska³; ¹Michigan State University, MI, USA, ²University of California Irvine, CA, USA, ³Stanford University, CA, USA

8:45 a.m.-9:00 a.m.
EXPOSURE AND ENGAGEMENT WITH TOBACCO AND E-CIGARETTE-RELATED SOCIAL MEDIA AMONG TEXAS ADOLESCENTS
Emily Hébert*, Kathleen Case, Steven Kelder, Cheryl Perry, Melissa Harrell, University of Texas Health Science Center, School of Public Health, Austin Regional Campus, TX, USA

9:00 a.m.-9:15 a.m.
EXAMINATION OF SOCIAL MEDIA E-CIGARETTE MESSAGES: MARKETING AND CONSUMER CONVERSATIONS ON TWITTER
Allison Lazard*, Gary Wilcox, Arnold Chung², Michael Mackert², Jay Bernhardt²; ¹University of North Carolina at Chapel Hill, NC, USA, ²The University of Texas at Austin, TX, USA

9:15 a.m.-9:30 a.m.
FROM ‘VAPE’ TRICKS TO BRAND PROMOTION: ASSESSING YOUTUBE VIDEO CONTENT RELATED TO ELECTRONIC CIGARETTES
Kari Peterson*, Steven Binns, Jidong Huang, Sherry Emery, University of Illinois Institute for Health Research and Policy, IL, USA

9:30 a.m.-10:00 a.m. Refeshment Break

9:30 a.m.-10:00 a.m.
GENDER DIFFERENCES IN THE ASSOCIATION OF SEXUAL ORIENTATION WITH SMOKING STATUS AND SMOKING CHARACTERISTICS: FINDINGS FROM A REPRESENTATIVE POPULATION SURVEY
Lion Shahab*, Jamie Brown¹, Robert West¹, Catherine Meads²; ¹University College London, United Kingdom, ²Brunel University, United Kingdom

10:00 a.m.-11:30 a.m.
Podium Presentation 6: Paper Session 22
DISPARITIES POPULATIONS
Session Chair: Lisa Cox, PhD
Audience: HD, PH/E, P, T, PC

10:00 a.m.-10:15 a.m.
GENDER DIFFERENCES IN THE ASSOCIATION OF SEXUAL ORIENTATION WITH SMOKING STATUS AND SMOKING CHARACTERISTICS: FINDINGS FROM A REPRESENTATIVE POPULATION SURVEY
Lion Shahab*, Jamie Brown¹, Robert West¹, Catherine Meads²; ¹University College London, United Kingdom, ²Brunel University, United Kingdom

10:15 a.m.-10:30 a.m.
PERCEPTIONS OF E-CIGARETTES AMONG LGBTQ YOUTH AND YOUNG ADULTS IN ONTARIO CANADA
Ryan David Kennedy*, Jennifer Yessis², Sunday Azagba³, Michael Chailton², Alanna Shuh³, Aneta Abramowicz³, Katя Wong⁴, Aamer Esmail⁵, N Bruce Baskerville⁶, ¹Johns Hopkins Bloomberg School of Public Health, MD, USA, ²Propel Centre for Population Health Impact, University of Waterloo, ON, Canada, ³Ontario Tobacco Research Unit, Dalla Lana School of Public Health, University of Toronto, ON, Canada, ⁴Sherbourne Health Centre, Toronto, ON, Canada

Audience Key:
BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment
10:30 a.m.-10:45 a.m.
UNCOVERING HETEROGENEITY IN AFRICAN AMERICAN TOBACCO USE: THE ROLE OF EDUCATION
Amanda Richardson*, Yoonsang Kim, Kristin Emory, Sherry Emery, University of North Carolina-Chapel Hill, NC, USA, University of Illinois - Chicago, IL, USA, University of California - San Diego, CA, USA

10:45 a.m.-11:00 a.m.
SMOKEFREE VET QUIT PLAN: HELPING VETERANS PREPARE FOR SMOKING CESSATION THROUGH PERSONALIZATION
Jillian Pugatch, Lindy Dreyer, Brian Keefe, Amy Sanders, Kisha Coa*, Erik Augustson, Kim Hamlett-Berry, Dana Christofferson, ICF International, MD, USA, Department of Veterans Affairs, DC, USA

11:00 a.m.-11:15 a.m.
DEMAND FOR CIGARETTES VARYING IN NICOTINE CONTENT IN SMOKERS FROM VULNERABLE POPULATIONS: A PILOT STUDY
Ryan Redner*, Ivori Zvorsky, Sarah Heil, Stacey Sigmon, Jennifer Tidey, Maxine Stitzer, Mike Denny, Hanna Durand, Stephen Higgins, Southern Illinois University, Carbondale, IL, USA, University of Vermont, VT, USA, Brown University, RI, USA, Johns Hopkins Medical University, MD, USA

11:15 a.m.-11:30 a.m.
BARRIERS TO CESSATION AS A MEDIATOR BETWEEN NICOTINE DEPENDENCE AND WITHDRAWAL IN PREDOMINANTLY AFRICAN AMERICAN SMOKERS
Anika Suddath*, Thomas Rutner*, Adam Leventhal, Raina Pang, University of Southern California, CA, USA

10:00 a.m.-11:30 a.m.
Sheraton Ballroom 2 (Level 4)
Podium Presentation 6: Paper Session 23
TOBACCO HEALTH WARNING
Session Chair: James Thrasher, PhD
Audience: P, PH/E, LMIC, I

10:00 a.m.-10:15 a.m.
DOES ANYONE HEED THE WARNINGS? SYSTEMATIC REVIEW OF THE LONGITUDINAL IMPACT OF CIGARETTE PACK WARNINGS
Seth Noar*, Diane Francis, Christy Bridges, Jennah Sonntag, Kirt Ribisl, Noel Brewer, University of North Carolina at Chapel Hill, NC, USA, Orange County Health Department, NC, USA

10:15 a.m.-10:30 a.m.
IMPACT OF GRAPHIC PACK WARNINGS ON ADULT SMOKERS' QUITTING ACTIVITIES: FINDINGS FROM THE ITC SOUTHEAST ASIA SURVEY (2005-2014)
Lin Li*, Ahmed Fatheirahman, Ron Borland, Maizurah Omar, Geoffrey Fong, Anne Quah, Buppha Sinrassamee, Hua Yong, Cancer Council Victoria, Australia, Qassim University, Saudi Arabia, Universiti Sains Malaysia, Malaysia, University of Waterloo, Canada, Mahidol University Salaya, Thailand
10:30 a.m.-10:45 a.m.  
EFFECTIVENESS OF CIGARETTE HEALTH WARNING LABELS AMONG NON-SMOKERS IN CHINA: FINDINGS FROM THE ITC CHINA WAVE 4 SURVEY  
Zejun Li*1, Sara Hitchman2, Tara Elton-Marshall3, Geoffrey Fong4,5, Anne Quah4, Guoze Feng6, Yang Jiang6, 1Department of Basic and Clinical Neuroscience, Institute of Psychiatry, Psychology, and Neuroscience, King’s College London, London, England, United Kingdom, 2Department of Addictions, Institute of Psychiatry, Psychology, and Neuroscience, King’s College London, London, England, UK Centre for Tobacco and Alcohol Studies, UK, United Kingdom, 3Social and Epidemiological Research Department, Centre for Addiction and Mental Health, London, Canada, Dalla Lana School of Public Health, University of Toronto, Toronto, Canada, 4Department of Psychology, University of Waterloo, Waterloo, Canada, 5Ontario Institute for Cancer Research, Toronto, Canada, School of Public Health and Health Systems, University of Waterloo, Waterloo, Canada, 6Tobacco Control Office, Chinese Center for Disease Control and Prevention, Beijing, China

10:45 a.m.-11:00 a.m.  
A SHORT MEASURE OF REACTANCE TO HEALTH WARNINGS  
Marissa Hall*, Paschal Sheeran, Seth Noar, Kurt Ribisl, Noel Brewer, University of North Carolina, NC, USA

11:00 a.m.-11:15 a.m.  
CIGARETTE-PACK WARNINGS, AWARENESS OF TOBACCO CONSTITUENTS AND QUIT BEHAVIOR: A POPULATION-BASED LONGITUDINAL STUDY OF SMOKERS IN AUSTRALIA, CANADA, MEXICO, AND THE UNITED STATES  
Kamala Swayampakala*1, Yoojin Cho2, Issac Reiner2, Hua Yong2, Ron Borland2, David Hammond2, K. Michael Cummings2, James Thrasher2, 1University of South Carolina, TX, USA, 2University of South Carolina, SC, USA, 3Duke University, NC, USA, 4Cancer Council Victoria, Australia, 5University of Waterloo, Canada, 6Medical University of South Carolina, SC, USA

10:00 a.m.-11:30 a.m.  ........... Chicago Ballroom 9 (Level 4)  
Podium Presentation 6: Paper Session 24  
SMOKING IN PREGNANCY

Session Chair: Cheryl Oncken, PhD
Audience: T, C

10:00 a.m.-10:15 a.m.  
MODIFIABLE RISK FACTORS FOR SMOKING IN PREGNANCY: A COMPARISON OF PREGNANT CURRENT AND FORMER SMOKERS USING NATIONAL SURVEY DATA  
Amy Loree*1, Steven Ondersma2, Emily Grekin2, 1VA Connecticut Healthcare System, Yale University School of Medicine, CT, USA, 2Wayne State University, MI, USA

10:15 a.m.-10:30 a.m.  
CORRESPONDENCE BETWEEN SELF-REPORTED AND BIOCHEMICAL MEASURES OF CIGARETTE SMOKING IN PREGNANT WOMEN  
Cecilia Bergeria*1, Sarah Heil1, Laura Solomon2, Joan Skelly2, Ira Bernstein2, Stephen Higgins1, 1Vermont Center on Behavior and Health, University of Vermont, VT, USA, 2University of Vermont, VT, USA
10:30 a.m.-10:45 a.m.
USING EXPIRED AIR CARBON MONOXIDE TO DETECT PREGNANCY SMOKING: VALIDATING A CUT-POINT AND ESTIMATING SMOKING AMOUNT
Beth Bailey*, Lana McGrady, East Tennessee State University, TN, USA

10:45 a.m.-11:00 a.m.
THE EFFICACY OF A PROACTIVE SMOKING CESSATION OUTREACH PROGRAM ON PREGNANT AND PARENTING WOMEN
Rachel Widome**, Jessie Saul², Anne Joseph¹, David Nelson², Diana Burgess¹, Jane Thomas¹, Patrick Hammnett¹, Barbara Clothier¹, Steven Fu¹, ¹University of Minnesota, MN, USA, ²North American Quitline Consortium, MN, USA, ³Department of Veterans Affairs, MN, USA

11:00 a.m.-11:15 a.m.
PILOT STUDY FINDINGS OF PHONE-BASED POSTPARTUM CONTINUING CARE FOR LOW-INCOME PREGNANT SMOKERS
Victoria Coleman-Cowger**, Bartosz Koszowski¹, Zachary Rosenberry¹, Katrina Mark², Mishka Terplan³, ¹Battelle, MD, USA, ²University of Maryland - Baltimore, MD, USA, ³Behavioral Health System Baltimore, MD, USA

11:15 a.m.-11:30 a.m.
ASSESSING THE POSSIBLE ROLE OF INTRAUTERINE EFFECTS IN THE ASSOCIATION BETWEEN MATERNAL SMOKING DURING PREGNANCY AND OFFSPRING DEPRESSION USING PATERNAL SMOKING AS A NEGATIVE CONTROL: A CROSS-COHORT COMPARISON STUDY
David Carslake¹, Christian Loret de Mola², Tom Nilssen³, Johan Bjorngaard², Pal Romundstad³, Bernando Lessa Horta², Cesar Victora², George Davey Smith¹, Marcus Munafò, Amy Taylor², ¹University of Bristol, United Kingdom, ²University of Pelotas, Brazil, ³NTNU, Norway

10:00 a.m.-11:30 a.m. Sheraton Ballroom 1 (Level 4)
Podium Presentation 6: Paper Session 25
NICOTINE AND CUE REACTIVITY
Session Chair: Andy Harris, PhD
Audience: PC, C

10:00 a.m.-10:15 a.m.
NICOTINE SELF-ADMINISTRATION AND ASSOCIATED CUES IN ADOLESCENT RATS
Alan Sved*, Jillian Weeks, Rachel Schassburger, Elizabeth Shupe, Laura Rupprecht, Tracy Smith, Eric Donny, University of Pittsburgh, PA, USA

10:15 a.m.-10:30 a.m.
COMBINING PROXIMAL AND PERSONAL-ENVIRONMENT SMOKING CUES ENHANCES CUE-INDUCED CRAVING AND SMOKING BEHAVIOR, AND PREDICTS IMMEDIATE SUBSEQUENT SMOKING
Cynthia Conklin**, Francis McClernon², Elizabeth Vella², Christopher Joyce¹, Ronald Salkeld¹, Craig Parzynski¹, Lee Bennett¹, ¹University of Pittsburgh, PA, USA, ²Duke University, NC, USA

10:30 a.m.-10:45 a.m.
SEX DIFFERENCES IN CUE-RELATED BOLD ACTIVATION AND EFFECTIVE CONNECTIVITY IN SMOKERS
Maggie Sweitzer, Rachel Kozink, Matthew Hallyburton, Nicole Kaiser, Jason Oliver, Francis McClernon, Duke University School of Medicine, NC, USA
10:45 a.m.-11:00 a.m.  
**BRAIN RESPONSES TO SMOKING CUES DIFFER BASED ON NICOTINE METABOLISM RATE**  
Mary Falcone¹, Wen Cao², Leah Bernardo³, Rachel Tyndale⁴, James Loughead⁵, Caryn Lerman¹, ¹University of Pennsylvania, PA, USA, ²University of Wisconsin, USA, ³University of Toronto, ON, Canada

11:00 a.m.-11:15 a.m.  
**EFFECTS OF NICOTINE ABSTINENCE, SATIETY, AND REPLACEMENT ON EMOTIONAL CUE REACTIVITY IN TREATMENT SEEKING SMOKERS: AN FMRI STUDY**  
Paul Wannas⁶*, Temitope Olanbiwonnu⁷, Doris Payer⁸, Peter Seiby⁹, Laurie Zawertailo¹⁰, ¹University of Toronto, ON, Canada, ²Centre for Addiction and Mental Health, University of Toronto, ON, Canada

11:15 a.m.-11:30 a.m.  
**DECEPTIVELY SIMPLE: METHODS FOR DECREASING SUBJECT EXPECTANCY AS PART OF A CUE-REACTIVITY STUDY OF E-CIGARETTE AND REGULAR CIGARETTE PASSIVE EXPOSURE**  
Patrick Smith, Patrick McNamara, Lia Smith, Andrea King*, University of Chicago, IL, USA

10:00 a.m.-11:30 a.m............  
Chicago Ballroom 10 (Level 4)  
Podium Presentation 6: Paper Session 26  
**INTERACTION BETWEEN ALCOHOL AND SMOKING**  
Session Chair: David Wetter, PhD  
Audience: C, PH/E

10:00 a.m.-10:12 a.m.  
**NATURAL HISTORY OF ALCOHOL USE DURING SMOKING CESSATION**  
Paul Etcheverry, PhD*, Virmarie Correa-Fernández, PhD; Marcel de Dios, PhD; Cho Lam, PhD; Miguel Cano, PhD; Paul Cinciripini, PhD; David Wetter, PhD; ¹Southern Illinois University, ²University of Houston, ³The University of Texas MD Anderson Cancer Center, ⁴Rice University, ⁵Florida International University

10:12 a.m.-10:24 a.m.  
**NOVEL METHODS AND NEW INSIGHTS IN THE RELATIONSHIP BETWEEN SMOKING AND DRINKING: EXPLORING DIFFERENCES IN DRUG CUE REACTIVITY USING NONLINEAR RESPONSE SURFACE MODELING**  
Jason Oliver, PhD*, David Drobes, PhD; ¹Duke University School of Medicine, ²Moffitt Cancer Center and University of South Florida

10:24 a.m.-10:36 a.m.  
**ONLY TIME WILL TELL: ALCOHOL-INDUCED SMOKING URGE AND BEHAVIOR IN A LONGITUDINAL INVESTIGATION**  
Lia Smith, Patrick McNamara, Andrea King*, University of Chicago, IL, USA

10:36 a.m.-10:48 a.m.  
**EXAMINING ALCOHOL AND MARIJUANA USE IN YOUNG ADULT DUAL USERS OF CIGARETTES AND E-CIGARETTES**  
Alexandra Loukas¹, Keryn Pasch¹, Melissa Harrrell², Cheryl Perry²; ¹University of Texas at Austin, TX, USA, ²The University of Texas Health Science Center at Houston, School of Public Health - Austin Regional Campus, TX, USA
10:48 a.m.-11:00 a.m.
THE IMPACT OF ALCOHOLIC BEVERAGE DRINKING BEHAVIOR ON SMOKING CESSATION IN A FACTORIAL DESIGN SMOKING CESSATION INTERVENTION
Krystal Lynch1,2, Alexandra Stern1,3, Erik Augustsson1, 1National Cancer Institute, National Institutes of Health, MD, USA, 2BLH Technologies, Inc., MD, USA

11:00 a.m.-11:12 a.m.
CONCURRENT TREATMENT FOR SMOKING CESSATION AND AT-RISK DRINKING
Virmarie Correa-Fernández, PhD*, Elba Diaz-Toro, DMD2, Lorraine Reitzel, PhD1, Lin Guo, PhD3, Minxing Chen, MS3, Yisheng Li, PhD1, William Calo, PhD1, Ya-Chen Shih, PhD3, Daniel Wetter, PhD1, 1University of Houston, 2University of Puerto Rico Comprehensive Cancer Center, 3The University of Texas MD Anderson Cancer Center, 4University of North Carolina at Chapel Hill, 5Rice University

11:12 a.m.-11:24 a.m.
THE IMPACT OF ALCOHOL USE ON WATERPIPE SMOKING BEHAVIORS AND CARBON MONOXIDE EXPOSURE: A PILOT INVESTIGATION
Eleanor Leavens*, Emma Brett1, Thad Leffingwell2, Julie Croff, Neil Molina1, Leslie Driskill2, Michael Anderson4, 1Oklahoma Tobacco Research Center Oklahoma State University, OK, USA, 2Oklahoma State University, OK, USA, 3Oklahoma Tobacco Research Center The University of Oklahoma Health Sciences Center, OK, USA, 4The University of North Carolina at Chapel Hill

10:00 a.m.-11:30 a.m............Chicago Ballroom 6 (Level 4)
Podium Presentation 6: Paper Session 27
SMOKING AND PSYCHIATRIC CO-MORBIDITIES
Session Chair: Rachel Grana, PhD, MPH
Audience: C, T, PH/E

10:00 a.m.-10:15 a.m.
SMOKING TRENDS AMONG ADULTS WITH BEHAVIORAL HEALTH CONDITIONS IN INTEGRATED HEALTHCARE: A RETROSPECTIVE COHORT STUDY
Kelly Young-Wolff, PhD, MPH1, Andrea Kline-Simon, MS1, Smita Das, PhD, MPH2, Donald Mordecai, MD2, Chris Miller-Rossales, MSPH1, Constance Weisner, DrPH, MSW1,4, 1Kaiser Permanente, 2Stanford University School of Medicine, 3The Permanente Medical Group, Kaiser Permanente Northern California, 4University of California, San Francisco

10:15 a.m.-10:30 a.m.
SYSTEM CHANGES TO SUPPORT ADOPTION OF TOBACCO USE TREATMENT GUIDELINES IN HEALTH CARE SETTINGS SERVING DISPARATE POPULATIONS: A COMPARISON OF BEHAVIORAL VS MEDICAL HEALTH CARE DELIVERY SYSTEMS
Donna Shelley, MD, MPH1, Deepa Prasad, MPH2, Marcy Hager, MA, Allison Pastel, MPH, Christina Kyriakos, MPH, Matt Mikaelian, MSW, New York University School of Medicine

10:30 a.m.-10:45 a.m.
THE IMPACT OF NEW CMS PSYCHIATRIC FACILITY TOBACCO MEASURES ON INPATIENT CARE
Kimber Richter, PhD, MPH1, Shane Carrillo, BA, Henrique Gomide, MA, Taneisha Scheuermann, PhD, University of Kansas Medical Center
10:45 a.m.-11:00 a.m.
SMOKING CESSATION OUTCOMES AMONG SMOKERS WITH CO-MORBID MENTAL HEALTH AND CHRONIC CONDITIONS ENROLLED IN A TOBACCO QUITLINE
Uma Nair*, Dustin Holloway, Benjamin Brady, Nicole Yuan, University of Arizona, AZ, USA

11:00 a.m.-11:15 a.m.
INVESTIGATING CAUSALITY IN ASSOCIATIONS BETWEEN SMOKING AND SCHIZOPHRENIA
Suzi Gage*, Hannah Jones, Stanley Zammit, Amy Taylor, Marcus Munafo, University of Bristol, United Kingdom

11:15 a.m.-11:30 a.m.
DEPRESSIVE SYMPTOM DOMAINS, AVOIDANCE MOTIVES FOR SMOKING, AND CESSATION OUTCOMES
Jaimee Heffner*, Kristin Mull, Wade Copeland, Jennifer McClure, Jonathan Bricker, *Fred Hutchinson Cancer Research Center, WA, USA, 1Group Health Research Institute, WA, USA, 2Fred Hutchinson Cancer Research Center University of Washington, WA, USA

10:00 a.m.-11:30 a.m.
OTHER TOBACCO PRODUCTS
Session Chair: Andrea Villanti, PhD
Audience: P, PH/E, I, LMIC

10:00 a.m.-10:15 a.m.
PHYSICAL DESIGN CHARACTERISTICS OF LITTLE FILTERED CIGARS AND CIGARILLOS
Jessica Kulak*, Anthony Carerro, Mark Travers, Roswell Park Cancer Institute, NY, USA, University at Buffalo, NY, USA

10:15 a.m.-10:30 a.m.
SUBTYPES OF LITTLE CIGAR/CIGARILLO SMOKING: UNDERSTANDING PATTERNS OF USE AND PERCEPTIONS OF RISKS AMONG YOUNG ADULT CIGARETTE SMOKERS
Kymberle Sterling, DrPH, MPH*, Craig Fryer, DrPH, MPH, Georgia State University, University of Maryland, College Park

10:30 a.m.-10:45 a.m.
CHARACTERISTICS AND CONCURRENT SUBSTANCE USE BEHAVIORS OF HIGH SCHOOL YOUTH WHO "FREAK" CIGARS, CIGARILLOS, AND LITTLE CIGARS
Erika Trapl, PhD*, Sarah Koopman Gonzalez, MA, Jean Frank, MPH, Case Western Reserve University

10:45 a.m.-11:00 a.m.
TRENDS IN PAST 30-DAY CIGAR USE PREVALENCE: WHAT IF BLUNT USE WAS CLASSIFIED AS CIGAR USE?
Sara Kennedy, Caraballo Ralph, James Tsai, Italia Rolle, RTI International, GA, USA, Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA

11:00 a.m.-11:15 a.m.
EXAMINING THE IMPLEMENTATION AND UNINTENDED CONSEQUENCES OF A BAN ON SMOKELESS TOBACCO IN EIGHT STATES IN INDIA
Lisa Lagasse*, Harkirat Singh, Ryan Kennedy, Joanna Cohen, Johns Hopkins Bloomberg School of Public Health, MD, USA

Audience Key:
BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T: Treatment
11:15 a.m.-11:30 a.m.  
THE SHIFTING RELATIVE UPTAKE AND USE OF SNUS BY SMOKERS AND NON-SMOKERS IN NORWAY: WHAT WILL BE THE IMPACT ON PUBLIC HEALTH?  
*Karl Lund*, Tord Vedøy, Norwegian Institute for Alcohol and Drug Research, Norway

10:00 a.m.-11:30 a.m. .................. Sheraton 4 (Level 4)  
Podium Presentation 6: Paper Session 29  
HOT TOPICS RAPID FIRE SESSION  
Session Chair: Richard Edwards, PhD  
Audience: T

11:30 a.m.-1:00 p.m. ............... Riverwalk B (Exhibition Level 1)  
Poster Session 5: Rapid Response
POSTER SESSION 1

9:30 a.m.-10:00 a.m. Presenters set up posters
11:30 a.m.-1:00 p.m. Poster Session 1
1:00 p.m.-2:00 p.m. Presenters remove posters

POS1-1
ASSOCIATION OF MAJOR DEPRESSIVE DISORDER AND SUBSTANCE USE DISORDERS WITH HEALTH RELATED QUALITY OF LIFE AMONG DAILY SMOKERS IN RESIDENTIAL SUBSTANCE USE TREATMENT
Elana Hoffman*, Allison Borges, Andrew Ninnemann, Laura MacPherson, University of Maryland- College Park, MD, USA

POS1-2
NEURAL AND BEHAVIORAL CORRELATES OF INHIBITOR CONTROL AND CIGARETTE SMOKING
Spencer Bell*, Christie Eichberg1, Patrick McConnell2, F. McClenon3, Brett Froeliger1, 1Medical University of South Carolina, SC, USA, 2Duke University, NC, USA

POS1-3
MARIJUANA AND TOBACCO CO-USE VIA BLUNTS AMONG AFRICAN AMERICANS
LaTrice Montgomery*, Kara Bagot2, 1University of Cincinnati, OH, USA, 2Yale University, CT, USA

POS1-4
DIFFERENCES IN THE RELATIONSHIP OF MARIJUANA AND TOBACCO BY FREQUENCY OF USE: A QUALITATIVE STUDY
Gillian Schauer*, Casey Hall1, Carla Berg1, Michelle Kegler1, Dennis Donovan2, Michael Windle1, 1Rollins School of Public Health, Emory University, GA, USA, 2Alcohol and Drug Abuse Institute, University of Washington, WA, USA

POS1-5
FURTHER EVIDENCE OF ELEVATED BEHAVIORAL ECONOMIC DEMAND FOR ALCOHOL IN HEAVY DRINKING SMOKERS
Amlung Michael*, James MacKillop1, Peter Monti2, Robert Miranda2, 1McMaster University, ON, Canada, 2Brown University, RI, USA

POS1-6
IMPLEMENTING EVIDENCE-BASED SMOKING CESSATION TREATMENT IN ADDICTION/MENTAL HEALTHCARE UNITS IN BRAZIL
Marta Campos1, Nilson Silva1,2, 1ABC Center for Mental Health Studies, Santo André, SP, Brazil, 2Department of Neuroscience, Medical School, Fundação do ABC, Santo André, SP, Brazil

POS1-7
QUIT INTENTIONS, ATTEMPTS, AND BEHAVIOR OF ADOLESCENT CIGARETTE SMOKERS: RESULTS FROM A NATIONAL TRIAL
Julie Gorzkowski*, Kristen Kaseeska, Regina Whitmore, Donna Harris, Laura Shone, Jonathan Klein, American Academy of Pediatrics, IL, USA

Poster Session 1 · Thursday, March 3, 2016 · 11:30 a.m.-1:00 p.m.
POS1-8
THE EFFECTS OF CIGARETTE REDUCTION IN SMOKERS AND E-CIGARETTE USERS WHO ALSO SMOKE CIGARETTES (DUAL USERS)
Stevens Smith*, Douglas Jorenby, Michael Fiore, Timothy Baker, University of Wisconsin School of Medicine and Public Health, WI, USA

POS1-9
CYTISINE VERSUS NICOTINE REPLACEMENT TREATMENT EFFECTIVENESS IN REAL LIFE
João Castaldelli-Maia, ABC Center for Mental Health Studies, Santo André, SP, Brazil, Department of Neuroscience, Medical School, Fundação do, ABC, Santo André, SP, Brazil, Department of Psychiatry, Medical School, Universidade de São Paulo, São Paulo, SP, Brazil

POS1-10
NICOTINE PATCH FOR MARIJUANA WITHDRAWAL: A RANDOMIZED INCENTIVIZED TRIAL
David Gilbert*, Norka Rabinovich, Southern Illinois University-Carbondale, IL, USA

POS1-11
EVALUATION OF PHYSICIAN USE OF THE 5 A’S TO ADDRESS PREGNANCY SMOKING: WHAT DO PATIENTS PERCEIVE AND DESIRE?
Beth Bailey*, Torrey Klee*, East Tennessee State University, TN, USA, 1Tusculum College, TN, USA

POS1-12
DIFFERENTIAL PREDICTORS OF RELAPSE AS A FUNCTION OF TIME QUIT: DATA FROM THE ITC 4-COUNTRY SURVEY
Ron Borland*, Hua-Hie Yong1, Timea Partos1,3, Richard O’Connor2, K Cummings4, 1Cancer Council Victoria, Australia, 2Roswell Park Cancer Institute, NY, USA, 3Kings College London, United Kingdom, 4Medical University of South Carolina, SC, USA

POS1-13
MOTIVATING AND PREPARING SMOKERS WHO HAVE SEVERE AND PERSISTENT MENTAL ILLNESS TO QUIT SMOKING
Bruce Christiansen*, Julianne Carbin*, Erin TerBeek1, Timothy Baker1, Michael Fiore1, University of Wisconsin School of Medicine and Public Health, WI, USA, 2National Alliance on Mental Illness - Wisconsin Chapter, WI, USA

POS1-14
DISSEMINATION OF AN EVIDENCE BASED TOBACCO TREATMENT CURRICULUM TO PSYCHIATRY RESIDENCY PROGRAMS
Smita Das*, Sebastien Fromont1, Karen Hudmon2, Alan Louie3, Judith Prochaska3, 1University of California, San Francisco, CA, USA, 2Purdue University, IN, USA, 3Stanford University, CA, USA

POS1-15
RACIAL AND ETHNIC DISPARITIES IN DENTAL CARE PROVIDERS’ DELIVERY OF TOBACCO USE TREATMENT
Mirelis Gonzalez*, Alena Campo1, Danielle Khalife2, Sarah Borderud2, Jamie Ostroff2, Donna Shelley1, New York University School of Medicine, NY, USA, 1Memorial Sloan Kettering Cancer Center, NY, USA
POS1-16
CHRONIC PAIN, ECONOMIC STRAIN, AND ATTEMPTS TO QUIT SMOKING AMONG SMOKERS WITH MOBILITY IMPAIRMENTS
Brett Armstrong*, Belinda Borrelli1, Boston University School of Public Health, MA, USA; 2Henry M. Goldman School of Dental Medicine, Boston University, MA, USA

POS1-17
DEVELOPMENT AND PSYCHOMETRIC PROPERTIES OF THE SMOKING RESTRAINT QUESTIONNAIRE
Grant Blake1, Stuart Ferguson*, Matthew Palmer, Saul Shiffman1, 1University of Tasmania, Australia; 2University of Pittsburgh, PA, USA

POS1-18
PERCEIVED ABILITY TO HANDLE DAY-TO-DAY AND UNEXPECTED STRESS ARE POSITIVELY ASSOCIATED WITH SMOKING ABSTINENCE AT 6-MONTHS
Anna Ivanova*, Laurie Zawertailo1, Sabrina Voci1, Dolly Bailunas1, Peter Selby1, Centre for Addiction and Mental Health, ON, Canada; 2Centre for Addiction and Mental Health, University of Toronto, ON, Canada

POS1-19
METHODS FOR ASSESSING DISCRIMINATION OF NICOTINE IN HUMANS VIA CIGARETTE SMOKING
Kenneth Perkins, Department of Psychiatry, University of Pittsburgh, Pittsburgh PA

POS1-20
LATENT TRANSITION ANALYSIS OF WEEKLY MEDIAN CIGARETTE COUNTS IN THE FIRST MONTH OF QUITTING
Danielle McCarthy*, Lenna Ebbsa1, Katie Witkiewitz2, Saul Shiffman1, 1University of California, San Francisco, CA, USA; 2University of New Mexico, NM, USA; 3University of Pittsburgh, PA, USA

POS1-21
ARE TOP-RATED QUIT SMOKING MOBILE APPS USABLE BY PEOPLE WITH SCHIZOPHRENIA?
Mary Brunette, Pamela Geiger, Lisa Marsch, Gregory McHugo, Anna Adachi-Mejia, Stephen Bartels, Geisel School of Medicine at Dartmouth College, NH, USA

POS1-22
36 MONTH FOLLOW-UP OF A SMOKING AND HEALTH LIFESTYLES INTERVENTION AMONG PEOPLE WITH A PSYCHOTIC DISORDER
Amanda Baker*, Robyn Richmond, Frances Kay-Lambkin, Sacha Filia, David Castle, Robin Callister, Jill Williams, Vanessa Clark*, Terry Lewin*, Kerrin Palazzzi, 1University of Newcastle, Australia; 2University of NSW, Australia; 3Monash University, The Alfred Hospital, Australia; 4University of Melbourne, Australia St Vincent’s Hospital, Australia; 5UMDNJ-Robert Wood Johnson Medical School, NJ, USA; 6Hunter New England Mental Health, Australia; 7Hunter Medical Research Institute, Australia

POS1-23
EFFECT OF CYP2A6, UGT2B10, UGT2B17, FMO3, AND OCT2 GENETIC VARIATION ON NICOTINE AND COTININE DISPOSITION KINETICS AMONG AFRICAN AMERICAN SMOKERS
Taraneh Taghavi*, Gideon St. Helen, Neal Benowitz, Rachel Tyndale, 1University of Toronto - Toronto, ON, Canada; 2University of California San Francisco - San Francisco, CA, USA
POS1-24
DEVELOPING AN INTERVENTION TO IMPROVE NICOTINE PATCH ADHERENCE IN HIV-POSITIVE LATINO SMOKERS
William Shadel*, Frank Galvan1, Diana Naranjo2, Christian Lopez3, Joan Tucker4, 1RAND Corporation, PA, USA, 2Bienestar Human Services, CA, USA, 3RAND Corporation, CA, USA

POS1-25
ADVERSE CHILDHOOD EXPERIENCES AS A PREDICTOR OF ADULT NICOTINE DEPENDENCE
Nicole Tosun*, Imani Holmes, Greg Grandits, Lynn Eberly, Alicia Allen, Sharon Allen, University of Minnesota, MN, USA

POS1-26
CESSATION OF ALCOHOL CONSUMPTION DECREASES RATE OF NICOTINE METABOLISM IN ALCOHOL DEPENDENT SMOKERS
Noah Gubner, Ph.D.**, Ewa Slodczyk2, Aleksandra Kozar-Konieczna, M.D.3, Jerzy Goniewicz, M.D.3, Andrzej Sobczak, Ph.D.3, Payton Jacob, Ill, Ph.D.1, Neal Benowitz, M.D.1, Maciej Goniewicz, PhD, PharmD4, 1University of California, San Francisco, CA, USA, 2Medical University of Silesia, Poland, 3Center of Addiction Treatment, Parzymiechy, Poland, 4Roswell Park Cancer Institute, CA, USA

POS1-27
DOES MOUTHPIECE-BASED MEASUREMENT OF ELECTRONIC CIGARETTE USER TOPOGRAPHY INFLUENCE NICOTINE DELIVERY DURING AD LIB USE?
Tory Spindle*, Marzena Hiler1, Alison Breland1, Thokozeni Lipato1, Nareg Karoaghlian2, Alan Shihadeh2, Tom Eisenberg1, 1Virginia Commonwealth University, VA, USA, 2American University of Beirut, Lebanon

POS1-28
VALIDITY OF THE SELF-REPORT SMOKING STATUS IN OUTPATIENTS ASSISTED IN A SMOKING CESSATION UNIT AT BUENOS AIRES CITY: CROSS-SECTIONAL STUDY
Diego Sánchez Gelos, Adriana Angel, Karina Agolino, Smoking Cessation Unit, Hospital de Clinicas, University of Buenos Aires, Argentina

POS1-29
SMOKING-RELATED COGNITIONS AND BEHAVIORS BY CANCER PATIENTS: DOES IT MATTER IF THEIR CANCER WAS “SMOKING-RELATED”?
Diana Díaz, Moffitt Cancer Center

POS1-30
THE EFFECTS OF ALCOHOL-CONTAINING E-CIGARETTES ON YOUNG ADULT SMOKERS
Gerald Valentine1, Peter Jatlow2, Mercedes Coffman2, Haleh Nadim2, Ralitza Gueorguieva2, Mehmet Sofuoglu1,2, 1Yale University, CT, USA, 2VA Connecticut Healthcare System, CT, USA

POS1-31
ASSOCIATION BETWEEN ELECTRONIC CIGARETTE USE AND 12-MONTH TOBACCO ABSTINENCE AMONG ADULT APPALACHIAN SMOKERS ENROLLED IN A TOBACCO CESSATION TRIAL
Elana Curry1, Julianna Nemeth1, Amy Wermert1, Nancy Hood2, Sara Conroy1, Abigail Shoben1, Mary Wewers1, 1Ohio State University-Columbus, OH, USA, 2Community Partners of Ohio, OH, USA
POS1-32
SMOKING OUTCOMES FOLLOWING ALCOHOL BRIEF INTERVENTION IN YOUNG ADULT HEAVY DRINKER-SMOKERS: A PILOT STUDY
Daniel Fridberg*, Andrea King, The University of Chicago, IL, USA

POS1-33
PERSISTENCE AND AMPLITUDE OF CIGARETTE DEMAND IN RELATION TO QUIT INTENTIONS AND ATTEMPTS
Richard O’Connor*, Sarah Adkison1, Vaughan Rees2, Dorothy Hatzukami2, Warren Bickel4, K. Michael Cummings2, Bryan Heckman1, Roswell Park Cancer Institute, NY, USA, 1Harvard School of Public Health, MA, USA, 2University of Minnesota, MN, USA, 3Virginia Tech Carilion Research Institute, VA, USA, 4Medical University of South Carolina, SC, USA

POS1-34
A PROSPECTIVE STUDY OF PRENATAL TOBACCO EXPOSURE, SECONDHAND SMOKE EXPOSURE, AND CONDITIONAL WEIGHT-FOR-LENGTH-GAIN OVER THE FIRST 2 YEARS OF LIFE
Danielle Molnar*, Diana Rancourt2, Robert Schlauch2, Xiaozhong Wen3, Nicole Maiorana4, Marilyn Huestis5, Rina Eidens1, 1Research Institute on Addictions, University at Buffalo, NY, USA, 2University of South Florida, FL, USA, 3University at Buffalo, The State University of New York, NY, USA, 4Research Institute on Addictions, University at Buffalo, The State University of New York, NY, USA, 5National Institute on Drug Abuse, National Institutes of Health, MD, USA

POS1-35
THE ACUTE EFFECTS OF EXERCISE ON AD LIBITUM SMOKING, SMOKING TOPOGRAPHY, AFFECT, AND WITHDRAWAL SYMPTOMS
Stefanie De Jesus*, Erin Murray, Harry Prapavessis, School of Kinesiology, University at Buffalo, Western Ontario, ON, Canada

POS1-36
PEDIATRIC-BASED PARENTAL TOBACCO TREATMENT AND REFERRAL CLINICAL DECISION SUPPORT TOOL
Brian Jenssen*, Alexander Fiks2, Frank Leone2, Tyra Bryant-Stephens2, 1Robert Wood Johnson Foundation Clinical Scholars Program, University of Pennsylvania, Philadelphia, Pennsylvania, PA, USA, 2Department of Pediatrics, University of Pennsylvania School of Medicine and Children’s Hospital of Philadelphia, Philadelphia, Pennsylvania, PA, USA, 3Pulmonary, Allergy, & Critical Care Division, University of Pennsylvania, Presbyterian Medical Center, Philadelphia, PA, USA

POS1-37
HEALTHCARE PROVIDER COUNSELING TO QUIT SMOKING AND DESIRE TO QUIT: THE MEDIATING ROLE OF SMOKING OUTCOME EXPECTANCIES
Joan Tucker*, Brian Stucky, Maria Edelen, William Shadel, RAND Corporation, CA, USA

POS1-38
ELECTRONIC NICOTINE DELIVERY DEVICES FOR PERIOPERATIVE HARM REDUCTION
Margaret Nolan*, David Warner, Mayo Clinic, Rochester, MN, USA

POS1-39
ASSOCIATION OF LEISURE TIME EXERCISE AND CIGARETTE CRAVING AND WITHDRAWAL BY SEX AND AGE
Katherine Harrison*, Ann Fieberg, Alicia Allen, Sharon Allen, University of Minnesota, MN, USA
POS1-40
EYE-TRACKING AS AN INDEX OF ATTENTIONAL BIAS TO SMOKING AND FOOD CUES IN YOUNG FEMALE SMOKERS
John Correa*, Thomas Brandon, University of South Florida and H. Lee Moffitt Cancer Center, FL, USA

POS1-41
SHORT-TERM EFFECTIVENESS OF ONE SMOKING CESSATION UNIT IN BUENOS AIRES CITY SINCE 2014 TO 2013: PROSPECTIVE COHORT STUDY
Adriana Angel, Karina Agolino, Diego Sánchez Gelos, Smoking Cessation Unit, Hospital de Clínicas, University of Buenos Aires, Argentina

POS1-42
SYNERGISTIC EFFECT OF DYSPHORIA AND ANXIETY SENSITIVITY IN RELATION TO SOCIAL COGNITIVE DETERMINANTS OF SMOKING AMONG TREATMENT-SEEKING SMOKERS
Jafar Bakhshaie1, Charles Brandt1, Kirsten Langdon2, Norman Schmidt3, Adam Leventhal4, Michael Zvolensky5, 1University of Houston, TX, USA, 2Boston University School of Medicine, MA, USA, 3Florida State University, FL, USA, 4University of Southern California, CA, USA

POS1-43
UPTAKE OF SMOKING CESSATION STRATEGIES BY SMOKERS WITH A MENTAL ILLNESS
John Wiggers1, Paula Wye2, Richard Clancy3, Lyndell Moore3, Maree Adams3, Maryanne Robinson3, Jenny Bowman4, 1Hunter Medical Research Institute, Lot 1 Kookaburra Circuit, New Lambton Heights, NSW 2305, Australia, 2Hunter New England Population Health, Longworth Ave, Wallsend, NSW 2287, Australia, 3University of Newcastle, University Drive, Callaghan, NSW 2308, Australia

POS1-44
SEE ME SMOKE-FREE: AN MHEALTH APP FOR WOMEN TO ADDRESS SMOKING, DIET, AND PHYSICAL ACTIVITY
Judith Gordon*, Julie Armin1, James Cunningham1, Peter Giacobbi2, Melanie Hingle3, Thienne Johnson4, 1University of Arizona, AZ, USA, 2West Virginia University, WV, USA

POS1-45
SHAPES AND DETERMINANTS OF TREATMENT VISIT TRAJECTORIES IN A FLEXIBLE SMOKING CESSATION TREATMENT PROGRAM
Dolly Baliunas*, Laurie Zawertailo, Peter Selby, Centre for Addiction and Mental Health, ON, Canada, Centre for Addiction and Mental Health, University of Toronto, ON, Canada

POS1-46
CIGARETTE SMOKING IN PREGNANT SUBSTANCE USERS: ASSOCIATION WITH SUBSTANCE USE AND DESIRE TO QUIT
Theresa Winhusen*, Daniel Lewis, University of Cincinnati College of Medicine, OH, USA

POS1-47
RELATIONSHIP OF TOBACCO CESSATION PHARMACOTHERAPY OPTIONS AND STANDARDS FOR NURSING PRACTICE
Karen Butler*, Janie Heath1, Joel Anderson2, Claudia Barone3, Jeannette Andrews4, 1University of Kentucky, KY, USA, 2University of Virginia, VA, USA, 3University of Arkansas, AR, USA, 4University of South Carolina, SC, USA
POS1-48
PERCEPTIONS OF SNUS AMONG U.S. ADULT SMOKERS GIVEN FREE PRODUCT
Ellen Meier Meier*1, Matthew Carpenter2, Jessica Burris3, 1University of Minnesota, MN, USA, 2Medical University of South Carolina, SC, USA, 3University of Kentucky, KY, USA

POS1-49
EFFECTIVENESS OF A LAY-LED TOBACCO CESSATION TRIAL AMONG ADULT APPALACHIAN SMOKERS: DOSE MATTERS
Mary Wewers*1, Abigail Shoben1, Julianna Nemeth1, Amy Fercketich1, Amy Wermert1, Sara Conroy1, Elena Curry2, Nancy Hood2, 1Ohio State University-Columbus, OH, USA, 2Community Partners of Ohio, OH, USA

POS1-50
VALIDITY OF THE CIGARETTE EVALUATION QUESTIONNAIRE IN PREDICTING THE REINFORCING EFFECTS OF CIGARETTES THAT VARY IN NICOTINE YIELD UNDER DOUBLE-BLIND CONDITIONS
Christopher Arger*1, Sarah Heil1, Stacey Sigmon1, Jennifer Tidery1, Maxine Stitzer3, Diann Gaalema1, Michael DeSarno1, Hanna Durand1, Elizabeth Ruggieri1, Stephen Higgins1, 1University of Vermont, VT, USA, 2Brown University, RI, USA, 3Johns Hopkins University, MD, USA

POS1-51
PAIN-RELATED ANXIETY AS A PREDICTOR OF EARLY LAPSE AND RELAPSE TO SMOKING
Lisa LaRowe1, Kirsten Langdon2, Michael Zvolensky3, Emily Zale1, Jesse Kosiba1, Martin De Vita1, Joseph Ditre1, 1Syracuse University, NY, USA, 2National Center for PTSD, Women's Health Sciences Division, VA Boston Healthcare System, and Boston University School of Medicine, MA, USA, 3University of Houston, TX, USA

POS1-52
ABSTINENCE-INDUCED EFFECTS OF CIGARETTE SMOKING ON EMOTION DYSREGULATION IN SMOKERS WITH AND WITHOUT ADHD
John Mitchell*1, Rebecca Pratt1, Carl Lejuez2, F. Joseph McClernon1, Jean Beckham1,3, Richard Brown1, Scott Kollins1, 1Duke University Medical Center, NC, USA, 2University of Maryland, College Park, MD, USA, 3University of Texas at Austin, NC, USA, 4Durham Veterans Affairs Medical Center, Mid-Atlantic Mental Illness Research Education and Clinical Center, VA Center for Health Services Research in Primary Care, NC, USA

POS1-53
E-CIGARETTE EXPECTANCY PROFILES ASSOCIATED WITH HIGHER RISK OF CONTINUED CIGARETTE SMOKING
Paul Harrell*1, Vani Simmons2, John Correa3, Nicole Menzie3, Lauren Meltzer2, Marina Unrod1, Thomas Brandon1, 1Eastern Virginia Medical School, VA, USA, 2Moffitt Cancer Center, VA, USA, 3Moffitt Cancer Center, FL, USA

POS1-54
SEX DIFFERENCES IN INTRAVENOUS NICOTINE DOSE SENSITIVITY AND DISCRIMINATION IN CIGARETTE SMOKERS
Kevin Jensen*1,2, Elise DeVito1,2, Gerald Valentine1,2, Ralitza Gueorguieva1, Mehmet Sofuoglu1,2, 1Yale University School of Medicine, New Haven, CT, USA, 2VA Connecticut Healthcare System, West Haven, CT, USA
POS1-55
PREDICTORS OF RESPONSE TO INTERACTIVE-VOICE-RESPONSE FOLLOW-UP CALLS FOLLOWING HOSPITALIZATION
Georges Nahhas*, Vince Talbot, Graham Warren, Michael Cummings, Medical University of South Carolina, SC, USA, TelASK Technologies, ON, Canada

POS1-56
ATTENTIONAL BIAS MODIFICATION FOR POSTPARTUM SMOKING
Ariadna Forray*, Dawn Foster, Andrew Waters, Yale School of Medicine, CT, USA, Uniformed Services University of the Health Sciences, MD, USA

POS1-57
MULTIPLE HEALTH RISK BEHAVIORS AMONG YOUNG ADULTS PARTICIPATING IN A RANDOMIZED CONTROLLED SMOKING CESSATION TRIAL ON FACEBOOK
Johannes Thrul*, Danielle Ramo, Judith Prochaska, University of California, San Francisco, CA, USA, Stanford University, CA, USA

POS1-58
HELPING SMOKING FATHERS WITH AN INFANT TO QUIT: THE FAMILY-BASED INTERVENTION IMPACT ON MARITAL SATISFACTION AND PARTNER SUPPORT TO QUIT
Man Ping Wang, Sophia Su Chee Chan, Tai-hing Lam, The University of Hong Kong, Hong Kong

POS1-59
REDUCED EXPOSURE TO HARMFUL AND POTENTIALLY HARMFUL CONSTITUENTS AFTER 90 DAYS OF USE OF TOBACCO HEATING SYSTEM 2.2 IN JAPAN: A COMPARISON WITH CONTINUED COMBUSTIBLE CIGARETTE USE OR SMOKING ABSTINENCE
Christelle Haziza*, Nicola Lama, Andrea Donelli, Patrick Picavet, Gizele Baker, Jacek Ancerewicz, Muriel Benzirra, Michael Franzon, Masahiro Endo, Frank Lüdicke, Philip Morris International R&D, Switzerland, Osaka Hospital Tokyo Heart Center, Japan

POS1-60
PROGESTERONE & POSTPARTUM DEPRESSION ON SMOKING RELAPSE
Nicole Tosun*, Alicia Allen, Scott Lunos, Sharon Allen, University of Minnesota, MN, USA

POS1-61
WHAT DO SMokers WANT IN A SMARTPHONE-BASED CESSATION APPLICATION?
Jason Oliver*, Lauren Pacek, Matthew Hallyburton, John Mitchell, Bernard Fuemmeler, Francis McClernon, Duke University School of Medicine, NC, USA

POS1-62
BARRIERS TO SMOKING CESSATION EFFORTS IN PRIMARY CARE: MENTAL HEALTH PROBLEMS, OTHER SUBSTANCE USE, CHRONIC PAIN, AND DISABILITY
Beth Bailey*, Thomas Bishop, Lana McGrady, East Tennessee State University, TN, USA

POS1-63
SMOKING BEHAVIOUR AND SENSATIONS DURING THE PRE-QUIT PERIOD OF AN EXERCISE-AIDED SMOKING CESSATION INTERVENTION
Stefanie De Jesus*, Harry Prapavessis, School of Kinesiology, University of Western Ontario, ON, Canada
POS1-64
THE EFFECT OF SEVERITY OF SELF-REPORTED ANHEDONIA ON SMOKING CESSATION SUCCESS AT 6-MONTHS
Andra Ragusila1, Dolly Baliunas1, Peter Selby2, Laurie Zawertailo1, 1Centre for Addiction and Mental Health, ON, Canada, 2Centre for Addiction and Mental Health, University of Toronto, ON, Canada

POS1-66
EXTENDED TREATMENT WITH TRANSDERMAL NICOTINE PATCH DOES NOT APPEAR TO SELECTIVELY BENEFIT SMOKERS WITH LIFETIME PSYCHIATRIC DISORDER
Allison Carroll2, Anna Veluz-Wilkins1, Sonja Blazekovic2, Robert Schnoll1, Brian Hitsman1, 1Northwestern University Feinberg School of Medicine, IL, USA, 2University of Pennsylvania Perelman School of Medicine, PA, USA

POS1-67
THE ROLE OF SOCIAL ANXIETY IN THE ACCEPTANCE OF INTERNAL SMOKING CUES
Noreen Watson1, Jaimee Heffner1, Jennifer McClure2, Jonathan Bricker3, 1Fred Hutchinson Cancer Research Center, WA, USA, 2Group Health Research Institute, WA, USA, 3University of Washington, WA, USA

POS1-68
MENTHOL CIGARETTE SMOKING DOES NOT MODERATE THE EFFECT OF FAST NICOTINE METABOLISM ON SHORT-TERM SMOKING CESSATION DURING NICOTINE REPLACEMENT THERAPY
Nancy Jao1, Anna Veluz-Wilkins1, Sonja Blazekovic2, Allison Carroll1, Robert Schnoll2, Brian Hitsman1, 1Northwestern University Feinberg School of Medicine, IL, USA, 2University of Pennsylvania Perelman School of Medicine, PA, USA

POS1-69
EVIDENCE OF GENDER DIFFERENCES IN HOW BRIEF ALCOHOL SCREENING AND INTERVENTION FOR COLLEGE STUDENTS (BASICS) INFLUENCES SMOKING
Amy Copeland1, Magdalena Kulesza2, Steven Proctor3, MacKenzie Pettier1, Aaron Waters1, 1Louisiana State University, LA, USA, 2RAND Corporation - Los Angeles, CA, USA, 3Albizu University – Miami Campus, FL, USA

POS1-70
PHYSICAL AND SOCIAL ENVIRONMENTAL FACTORS AND THEIR ASSOCIATION WITH QUITTING BEHAVIOURS AMONG SMOKERS WITH A MENTAL ILLNESS
John Wiggers1, Paula Wye2, Lyndell Moore3, Richard Clancy4, Luke Wolfenden2, Megan Freund4, Tara Van Zeist1, Emily Stockings4, Jenny Bowman5, 1Hunter Medical Research Institute, Lot 1 Kookaburra Circuit, New Lambton Heights, NSW 2305, Australia, 2Hunter New England Population Health, Longworth Ave, Wallsend, NSW 2287, Australia, 3University of Newcastle, University Drive, Callaghan, NSW 2308, Australia, 4National Drug and Alcohol Research Centre, University of New South Wales, 22-32 King Street, Randwick, NSW 2031, Australia

POS1-71
MAINSTREAM SMOKE COMPOSITION OF CIGARILLOS AND LITTLE CIGARS FROM REPLICITED HUMAN SMOKING
Wallace Pickworth*, Bartosz Koszowski, Zachary Rosenberry, Battelle Public Health Center for Tobacco Research, MD, USA
POS1-72
DOES USER ELECTRONIC CIGARETTE EXPERIENCE INFLUENCE THE NICOTINE DELIVERY PROFILE OF ELECTRONIC CIGARETTES?
Marzena Hiler*, Alison Breland1, Tory Spindle1, Barbara Kilgallen2, Nareg Karaoghlanian2, Alan Shihadeh2, Thomas Eissenberg1, 1Virginia Commonwealth University, Center for the Study of Tobacco Products, VA, USA, 2American University of Beirut, Lebanon

POS1-73
VARENICLINE-INDUCED ELEVATION OF DOPAMINE IN SMOKERS: A PRELIMINARY [11C]-(+)-PHNO PET STUDY
Patricia Di Ciano, Mihail Guranda, Dina Lagzdins, Rachel Tyndale, Islam Gamaleddin, Peter Selby, Isabelle Boileau, Bernard Le Foll*, Centre for Addiction and Mental Health, ON, Canada

POS1-74
CHARACTERIZING SMOKING TOPOGRAPHY IN RESPONSE TO SMOKING REDUCED NICOTINE CONTENT RESEARCH CIGARETTES
Andrew Strasser*, Jennifer Tidy2, Francis McClemon3, Neal Benowitz2, Dorothy Hatsuakami6, Eric Donny5, 1University of Pennsylvania, PA, USA, 2Brown University, RI, USA, 3Duke University, PA, USA, 4University of California -- San Francisco, CA, USA, 5University of Minnesota, MN, USA, 6University of Pittsburgh, PA, USA

POS1-75
ELECTRONIC CIGARETTE VAPING TOPOGRAPHY AND NICOTINE INTAKE DURING AD LIBITUM ACCESS
Kathryn Ross*, Gideon St.Helen, Christopher Havel, Delia Dempsey, Peyton Jacob III, Neal Benowitz, University of California, San Francisco, CA, USA

POS1-76
HETEROGENEITY IN ACUTE NICOTINE ABSORPTION FROM ELECTRONIC AND TRADITIONAL CIGARETTES
Jonathan Foulds*, Jessica Yingst1, Susan Veldheer1, Shari Hrabovsky1, Neil Trushin2, Thomas Eissenberg3, Jill Williams3, John Richie1, Stephen Wilson2, 1Penn State University College of Medicine, PA, USA, 2Virginia Commonwealth University, VA, USA, 3Rutgers University, NJ, USA, 4Penn State University, PA, USA

POS1-77
STRIATAL DOPAMINE D2/D3 RECEPTORS MEDIATE ASSOCIATION OF TOBACCO EXPOSURE WITH NICOTINE DEPENDENCE
Mark Mandelkern1, Edythe London2, 1University California Irvine, CA, USA, 2University California, Los Angeles, CA, USA

POS1-78
BEHAVIOURAL INTERVENTIONS AS ADJUNCTS TO PHARMACOTHERAPY FOR SMOKING CESSATION
Lindsay Stead*, Pnya Koilpillai1, Tim Lancaster1, 1Nuffield Department of Primary Care Health Sciences, University of Oxford, Oxford, UK, United Kingdom, 2Faculty of Medicine, Dalhousie University, Halifax, Canada, NS, Canada

POS1-79
ASSOCIATION OF WEIGHT CONCERNS WITH MOTIVATION TO QUIT & NICOTINE DEPENDENCY AMONG PREGNANT WOMEN SMOKERS
Nicole Pothen*, Scott Lunos, Alicia Allen, Sharon Allen, Katherine Harrison, University of Minnesota-Twin Cities, MN, USA

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POS1-80
ADHD, SMOKING WITHDRAWAL AND INHIBITORY CONTROL: RESULTS OF A FMRI STUDY WITH METHYLPHENIDATE CHALLENGE
Francis McClernon*, Scott Kollins, Rachel Kozink, Matt Hallyburton, Maggie Sweitzer, Merideth Addicott, Jason Oliver, Duke University School of Medicine, NC, USA

POS1-81
CIGARETTE PURCHASE TASK: IDENTIFYING QUIT SUCCESS IN PREGNANT CIGARETTE SMOKERS
Ivon Zvorsky*, Ryan Redner, Allison Kurti, Michael DesSamo, Stephen Higgins, University of Vermont, VT, USA, Southern Illinois University-Carbondale, IL, USA

POS1-82
PRIMARY CARE PHYSICIANS’ BELIEFS AND PRACTICES REGARDING E-CIGARETTE USE BY PATIENTS WHO SMOKE: A QUALITATIVE ASSESSMENT
Omar El-Shahawy*, Jennifer Elston Lafata, School of Medicine, New York University, NY, USA, Virginia Commonwealth University - Richmond, VA, USA

POS1-83
PREDICTING CIGARETTE USE IN ADOLESCENCE USING MACHINE LEARNING TECHNIQUES ON MULTIMODAL BRAIN AND PSYCHOMETRIC DATA
Emily Jollans, Bader Chaarani, Stephen Higgins, Hugh Garavan, Robert Whelan, University College Dublin, Ireland, University of Vermont, VT, USA

POS1-84
BIOLOGICAL AND AFFECTIVE MECHANISMS THROUGH WHICH ACUTE EXERCISE ATTENUATES CIGARETTE CRAVINGS
Stefanie De Jesus*, Harry Prapavessis, School of Kinesiology, University of Western Ontario, ON, Canada

POS1-85
GET WITH THE PROGRAM: ADHERENCE TO A SMARTPHONE APP FOR SMOKING CESSATION AS A PREDICTOR OF QUITTING
Emily Zeng*, Jaimee Heffner, Wade Copeland, Jonathan Bricker, Fred Hutchinson Cancer Research Center, WA, USA

POS1-86
SMOKING CESSATION, COGNITIVE CONTROL, AND REWARD PROCESSING: AN FMRI PILOT STUDY
Andrew Fox*, Delwyn Catley, Vlad Papa, Morgan Brucks, Laura Martin, University of Kansas Medical Center, KS, USA, University of Missouri - Kansas City, MO, USA

POS1-87
REAL WORLD USAGE PATTERNS FOR VARENICLINE
Lindsey Sangaralingham*, Nilay Shah, Scott Leischow, Mayo Clinic, MN, USA, Mayo Clinic, AZ, USA

POS1-88
SUBSTANCE USE TREATMENT OUTCOMES IN SPANISH SPEAKING SMOKERS ENROLLED IN A MULTISITE RANDOMIZED TRIAL OF MOTIVATIONAL ENHANCEMENT THERAPY
Sarah Childress*, Marcel de Dios, Miguel Cano, Ellen Vaughn, Raymond Niaura, University of Texas MD Anderson Cancer Center, TX, USA, Florida International University, FL, USA, Indiana University, IN, USA, Schroeder Institute for Tobacco Research and Policy Studies, American Legacy Foundation, Johns Hopkins Bloomberg School of Public Health, and Georgetown University Medical Center, DC, USA
POS1-89
IS THE EFFECT OF ANHEDONIA ON SMOKING CESSATION GREATER FOR WOMEN VERSUS MEN?
Jessica Powers*, Allison Carroll, Anna Veluz-Wilkins, Sonja Blazekovic, Robert Schnoll, Brian Hitsman, 1Massachusetts General Hospital, MA, USA, 2Northwestern University Feinberg School of Medicine, IL, USA, 3University of Pennsylvania Perelman School of Medicine, PA, USA

POS1-90
CYTISINE AS AN EFFECTIVE TREATMENT FOR NICOTINE ADDICTION IN POLAND: 50 YEARS OF EXPERIENCE
Piotr Tutka*, Hanna Wahl, Marek Dąbrowa, Jakub Blażej, 1University of Rzeszow, Rzeszow, Poland, 2Aflofarm Farmacja Polska, Pabianice, Poland

POS1-91
REWARD PROBABILITY AS A MODERATOR BETWEEN ANHEDONIA AND POSITIVE REINFORCEMENT MOTIVES IN TREATMENT-SEEKING SMOKERS
Allison Borges*, Elana Hoffman, Aaron Lim, Andrew Ninnemann, Laura MacPherson, 1University of Maryland, College Park, MD, USA, 2University of California, Los Angeles, MD, USA

POS1-92
HEALTH, STIGMA, AND THE BURDEN OF SMOKING: A THEMATIC ANALYSIS OF COLLEGE SMOKERS’ VIDEO TESTIMONIALS
Amanda Palmer*, John Correa, Bryan Heckman, Thomas Brandon, Vani Simmons, 1Moffitt Cancer Center and University of South Florida, FL, USA, 2Medical University of South Carolina, SC, USA

POS1-93
CORRELATES OF DISTRESS TOLERANCE AMONG HEAVY DRINKING SMOKERS
Dr. Adam Leventhal, Dr. Lara Ray, 1University of Southern California, CA, USA, 2University of California, Los Angeles, CA, USA

POS1-94
CAN ATTITUDES ABOUT SMOKING IMPACT CIGARETTE CRAVING?
Lauren Bertin*, Joel Erblich, 1Hunter College, City University of New York, NY, USA, 2The Graduate Center, City University of New York, NY, USA

POS1-95
REDUCED EXPOSURE TO HARMFUL AND POTENTIALLY HARMFUL CONSTITUENTS AFTER 90 DAYS OF USE OF TOBACCO HEATING SYSTEM 2.2 IN THE U.S.; A COMPARISON WITH CONTINUED COMBUSTIBLE CIGARETTE USE OR SMOKING ABSTINENCE
Christelle Haziza*, Guillaume de La Bourdonnaye, Patrick Picavet, Gizelle Baker, Dimitra Skiada, Sarah Merlet, Michael Franzon, Frank Framers, William Lewis, Frank Lüdicke, 1Philip Morris International R&D, Switzerland, 2Daytona Beach, FL, USA, 3Covance Dallas Site, TX, USA

POS1-96
ALLOPREGNANOLONE AND PSYCHIATRIC DISORDERS IN MALE AND FEMALE SMOKERS
Alicia Allen*, Justin Anker, Samantha Carlson, Lynn Eberly, Sharon Allen, University of Minnesota, MN, USA
POS1-97
TOXICANT EXPOSURE AND PHYSIOLOGICAL EFFECTS OF DUAL CIGARETTE AND ELECTRONIC CIGARETTE USE
Megan Scott*, Makeda Austin, Amanda Graham, Thomas Eissenberg, Thokozeni Lipato, Alison Montpetit, Caroline Cobb, Virginia Commonwealth University, VA, USA, 2Schroeder Institute for Tobacco Research and Policy Studies, Truth Initiative, Georgetown University Medical Center, DC, USA, 3Virginia Commonwealth University Health System, VA, USA

POS1-98
HOUSEHOLD SMOKING RULES AMONG PREGNANT AND NEWLY POSTPARTUM SMOKERS RECEIVING TREATMENT
Diana Keith*, Allison Kurti, Joan Skelly, Stephen Higgins, University of Vermont, VT, USA

POS1-99
A NOVEL TRAINING APPROACH TO ACTIVATE ALTERNATIVE BEHAVIORS FOR SMOKING AS PART OF A QUIT ATTEMPT
Laura MacPherson*, Catalina Kopetz, Avery Mitchell, Alexandra Houston-Ludlam, Reinout Wiers, University of Maryland, College Park, MD, USA, 2Wayne State University, MI, USA, 3Washington University in St. Louis, MO, USA, 4University of Amsterdam, Netherlands

POS1-100
EFFECTS OF VARENICLINE ON FIXED-DOSE ALCOHOL ADMINISTRATION IN SMOKERS MEETING CRITERIA FOR ALCOHOL USE DISORDERS
Terril Verplaetse*, Sherry McKee, Yale University School of Medicine, CT, USA

POS1-101
ASSESSING THE IMPACT OF VAPING ON CURRENT E-CIGARETTE USERS’ BLOOD PRESSURE, HEART RATE, AND CARBON MONOXIDE LEVELS IN COMPARISON TO THE IMPACT OF CIGARETTE SMOKING IN CURRENT SMOKERS
Shavonne Washington-Krauth*, Tammy Burns, Ryan Walters, Amy Arouni, Creighton University, NE, USA, 2Mary Lanning Hospital, NE, USA

POS1-102
Liane Schneller*, Richard O’Connor, Roswell Park Cancer Institute, NY, USA

POS1-103
INTERACTIVE EFFECTS OF ESTRADIOL OR SEX WITH COMT GENOTYPE ON RESPONSE TO NICOTINE ABSTINENCE AND NICOTINE DELIVERY
Elise DeVito*, Aryeh Herman, Kevin Jensen, Noah Konkus, Joel Gelernter, Mehmet Sofuoglu, Yale University School of Medicine, CT, USA, 2Yale University, CT, USA, 3VA Connecticut Healthcare System, CT, USA

POS1-104
INVESTIGATING CHANGES IN SMOKING TOPOGRAPHY UPON INITIAL EXPOSURE TO VERY LOW NICOTINE CONTENT CIGARETTES
Danielle Davis*, Sarah Heil, Stacey Sigmon, Jennifer Tidey, Maxine Stitzer, Diann Gaalema, Mike Desamo, Hanna Durand, Morgan Tromblee, Stephen Higgins, University of Vermont, VT, USA, 2Brown University, RI, USA, 3John Hopkins University, MD, USA
POS1-105
DIFFERENTIAL OUTCOME OF TOBACCO-DEPENDENCE TREATMENT FOR SMOKERS WITH AND WITHOUT A HISTORY OF SUBSTANCE USE DISORDERS
Jie Feng*, Jami Pittman1, Christine Sheffer1, Luana Panissidi1, Warren Bickel2, Christopher Franck2, Sophie Davis School of Biomedical Education, City College of New York, New York, USA, NY, USA, Center for Addiction Research, Virginia Tech Carilion Research Institute, Virginia, USA, VA, USA

POS1-106
DOES TRACKING DAILY CIGARETTE CONSUMPTION BY AN INTEGRATED VOICE RESPONSE SYSTEM (IVRS) ALTER SMOKING BEHAVIOR? CHANGES IN BIOMARKERS OF EXPOSURE AND NUMBER OF CIGARETTES SMOKED PER DAY IN ADULT SMOKERS OVER 8 DAYS
Jeff Edmiston*, Qimei Liang, Jianmin Liu, Cheryl Duhon, Mohamadi Sarkar, Altria Client Services, LLC, VA, USA

POS1-107
THE IMPACT OF CIGARETTE NICOTINE CONTENT ON NEUROCOGNITIVE OUTCOMES: RESULTS OF A 6-WEEK, RANDOMIZED TRIAL
Colin Cunningham*, Ryan Vandrey1, Lauren Pacek2, F. Joseph McClernon2, David Drobes3, Rachel Denlinger1, Joe Koopmeiners3, Eric Donny3, Johns Hopkins University, MD, USA, Duke University, NC, USA, University of South Florida, FL, USA, Brown University, RI, USA, University of Minnesota, MN, USA, University of Pittsburgh, PA, USA

POS1-108
LONGITUDINAL EXAMINATION OF THE ASSOCIATION BETWEEN INTERNALIZING SYMPTOMATOLOGY AND DELINQUENT BEHAVIORS IN ADOLESCENT TOBACCO USE
Rubin Khoddam*, Nicholas Jackson, Adam Leventhal, University of Southern California, CA, USA

POS1-109
LENGTH OF RECOVERY FROM SUBSTANCE USE DISORDERS AND TOBACCO DEPENDENCE TREATMENT OUTCOMES
Jami Pittman*, Christine Sheffer1, Luana Panissidi1, Jie Feng1, Warren Bickel2, Christopher Franck2, Sophie Davis School of Biomedical Education, City College of New York, New York, USA, NY, USA, Center for Addiction Research, Virginia Tech Carilion Research Institute, Virginia, USA, VA, USA

POS1-110
ATTITUDES AND BELIEFS ABOUT ELECTRONIC CIGARETTES AMONG SMOKERS LIVING WITH HIV AND THEIR HEALTHCARE PROVIDERS
Maggie Sweitzer*, Christina Meade, Andrea Hobkirk, Lauren Pacek, F McClernon, Duke University Medical Center, NC, USA

POS1-111
THE ANATOMY OF RISK BETWEEN SMOKERS AND NON-SMOKERS: NICOTINE PRODUCT RISK PERCEPTIONS
Lara Moody*, Nicole Seymour, Celia Eddy, Warren Bickel, Virginia Tech Carilion Research Institute, VA, USA, Virginia Tech, VA, USA
POS1-112
MECHANISTIC EVALUATION OF THE IMPACT OF SMOKING AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE ON BIOLOGICAL PROCESSES IN THE NASAL EPITHELIUM
Marja Talikka*, Florian Martin, Alain Sewer, Gregory Vuillaumet, Patrice Leroy, Manuel Peitsch, Julia Hoeng, Philip Morris International R&D, Switzerland

POS1-113
OFFERING CONSUMERS CHOICES: PATTERNS OF SERVICE SELECTION IN A MULTI-SERVICE CESSATION PROGRAM

POS1-114
EVALUATION OF TWO APPROACHES CONNECTING UNDERSERVED TEENS TO TOBACCO PREVENTION AND CESSATION PROGRAM
Karen Calabro*, Irene Tami-Maury, Salma Marani, Lauren McCoy, Thuan Le, Debbie Torres, Alexander Prokhorov*, MD Anderson Cancer Center, TX, USA

POS1-115
DEPRESSIVE SYMPTOMS MODERATE THE ASSOCIATION BETWEEN TOBACCO USE AND MEDICATION ADHERENCE AMONG HIV-POSITIVE MEN WHO HAVE SEX WITH MEN
Luke Mitzel, Jesse Kosiba*, Peter Vanable, Syracuse University, NY, USA

POS1-116
WEEKLY ENERGY DRINK USE IS POSITIVELY ASSOCIATED WITH CIGARETTE SMOKING IN A NATIONWIDE SAMPLE OF YOUNG ADULTS
Steven Meredith*, Mary Sweeney, Patrick Johnson, Matthew Johnson, Roland Griffiths, University of Connecticut School of Medicine, CT, USA, Johns Hopkins University School of Medicine, MD, USA, California State University, Chico, CA, USA

POS1-117
CHARACTERIZING E-CIGARETTE AND OTHER ALTERNATIVE TOBACCO PRODUCT USE AMONG SMOKERS WITH ANXIETY AND CONTROLS
Mollie Miller*, Jennifer Tidey, Stephen Higgins, Brown University, RI, USA, University of Vermont, VT, USA

POS1-118
A CURRICULAR ASSESSMENT OF TOBACCO DEPENDENCE EDUCATION IN ORAL HEALTH PROFESSIONAL EDUCATION
Joan Davis, PhD, RDH*, Marjorie Arnett, MS, Laura Romito, DDS, Jill Loewen, RDA, BS, MS, Sara Gordon, DDS, MS, FRCD, Southern Illinois University, IL, USA, Loma Linda University School of Dentistry, CA, USA, Indiana University School of Dentistry, IN, USA, University of Detroit Mercy School of Dentistry, MI, USA, School of Dentistry, University of Washington, WA, USA

POS1-119
EXERCISE AND CRAVING DURING PREGNANCY: DOES MORE MAKE A DIFFERENCE?
Brittany Niesen, BA, Katherine Harrison, MPH, Scott Lunos, MS, Sharon Allen, MD, PhD, University of Minnesota, Twin Cities
POS1-120
SMOKING CESSATION IN PATIENTS WITH A PRIOR OR CURRENT PSYCHIATRIC DISORDER: A DOUBLE-BLIND COMPARATIVE ANALYSIS OF THE NEUROPSYCHIATRIC SAFETY AND EFFICACY OF VARENICLINE, BUPROPION, NICOTINE REPLACEMENT THERAPY [NRT], AND PLACEBO
Nader Oskooilar1, Judy Morrissey2, Don De Francisco2, Kimberly Guervara2, Daniel Grosz3, Melissa Henry4, Jeffrey Litzinger4, My-Linh Tong1. 1Pharmacology Research Institute, Los Alamitos, CA, USA, 2Pharmacology Research Institute, Encino, CA, USA, 3Pharmacology Research Institute, Newport Beach, CA, USA

POS1-121
SUBJECTIVE EFFECTS OF DUAL USE OF CIGARETTES AND E-CIGARETTES AMONG CURRENT DUAL USERS
Makeda Austin*1, Megan Scott1, Thomas Eissenberg1, Thokozeni Lipato2, Alison Montpetit1, Caroline Cobb1, 1Virginia Commonwealth University, VA, USA, 2Schroeder Institute for Tobacco Research and Policy Studies, Truth Initiative, Georgetown University Medical Center, DC, USA, 3Centre for Addiction and Mental Health, University of Toronto, ON, Canada

POS1-122
DIFFERENCES IN SMOKING CUE REACTIVITY FOLLOWING TREATMENT WITH PERSONALIZED DOSES OF NICOTINE PATCHES VERSUS STANDARD NICOTINE REPLACEMENT THERAPY
Temtiope Olanbiwonnu*, Paul Wannas1, Doris Paye2, Peter Selby2, Laurie Zawertailo2, 1University of Toronto, Centre for Addiction and Mental Health, ON, Canada, 2University of Toronto, Centre for Addiction and Mental Health, ON, Canada, 3Centre for Addiction and Mental Health, University of Toronto, ON, Canada

POS1-123
VALIDATING THE MEASUREMENT MODEL FOR A SMOKING CESSATION TEACHABLE MOMENT IN THE SURGICAL SETTING
Ryan Seltzer1, Terrance Trentman2, Susan Hagstrom2, Darrell Schroeder2, David Warner2, 1Mayo Clinic, AZ, USA, 2Mayo Clinic, MN, USA

POS1-124
ELDERLY PROFILE WITH MULTIPLE CHRONIC CONDITIONS TREATED IN THE INTERVENTION GROUP FOR SMOKING CESSATION
Eliane Banhato*, Arise Galil, Bárbara Any Andrade, Kelly Fabiane Miranda, Marilda Aparecida Ferreira, Roberta Valente, Marinéia Cruz, Marcus Bastos, 1IMEPEN Foundation - Federal University of Juiz de Fora / Juiz de Fora - Brazil, 2Presenting Author, Brazil

POS1-125
PILOT STUDY OF CIGARETTE SMOKERS USING A NEW ORAL TOBACCO PROTOTYPE (VBM-FG2)
Jeff Edmiston*, Qiwei Liang, Jianmin Liu, Cheryl Duohon, Mohamadi Sarkar, Altria Client Services, LLC, VA, USA

POS1-126
A CASE FOR AN FDA COMPLIANT ENZYMATIC METHOD FOR CREATININE TO SUPPORT TOBACCO RESEARCH
Rafiqul Islam, Celerion Inc.

POS1-127
POSTPARTUM DEPRESSION AND SMOKING ABSTINENCE SELF-EFFICACY
Rachel Lee*, Nicole Tosun, Scott Lunos, Alicia Allen, Sharon Allen, 1University of Minnesota Medical School, MN, USA
POS1-128  SENSATION SEEKING AND REBELLIOUSNESS ASSOCIATED WITH E-CIGARETTE USE AMONG COLLEGE STUDENTS
Alexa Mileva1,2, Vani Simmons3, Thomas Brandon1, David Drobes1, 1Moffitt Cancer Center, FL, USA, 2The University of South Florida, FL, USA

POS1-129  ATTRITION DURING STEPDOWN AND NON-STEPDOWN USE OF REDUCED NICOTINE CIGARETTES: AN APPROACH TO DETERMINING PRODUCT ACCEPTANCE
Melissa Mercincavage*, Valentina Souprountchouk, Kathy Tang, Andrew Strasser, University of Pennsylvania, PA, USA

POS1-130  UNDERSTANDING FOR WHOM TREATMENTS WORK: MODERATOR RESULTS FROM A FACTORIAL EXPERIMENT
Megan Piper*, Tanya Schlam*, Jessica Cook*, Stevens Smith1, Daniel Bolt*, Robin Mermelstein2, Linda Collins3, Michael Fiore1, Timothy Baker1, 1University of Wisconsin - Madison, WI, USA, 2University of Illinois - Chicago, IL, USA, 3University of Pennsylvania State University, PA, USA

POS1-131  CONSISTENT PATTERNS OF DAILY SMOKING BEHAVIOR IN THE FIRST MONTH OF QUITTING EMERGE IN FOUR SMOKING CESSATION TRIALS
Lemma Ebssa1, Danielle McCarthy*, Katie Witkiewitz2, Saul Shiffman3, 1Rutgers, The State University of New Jersey, NJ, USA, 2University of New Mexico, NM, USA, 3University of Pittsburgh, PA, USA

POS1-132  NON-DAILY AND DAILY SMOKERS' HEDONIC RESPONSES TO SMOKING
Saul Shiffman*, Lauren Terhorst, University of Pittsburgh, PA, USA

POS1-133  PERFORMANCE AND UTILITY OF WHOLE BLOOD AND ORAL FLUID POINT-OF-CARE COTININE TESTING WHEN COMPARED TO LC/MS-MS
Lee Springer, PhD*, Christopher Dailey, PhD, Kristin Westerfield, MBA, Keith Moskwitz, PhD, James Anderson, Jr. MD, FFPm, FACE, PTS Diagnostics, IN, USA

POS1-134  IS A QUIT ATTEMPT IN THE PAST 12-MONTHS A NECESSARY COMPONENT OF THE PREPARATION STAGE OF CHANGE?
Laurie Zawertailo*, Anna Ivanova2, Sarwar Hussain2, Peter Selby1, 1Centre for Addiction and Mental Health, University of Toronto, ON, Canada, 2Centre for Addiction and Mental Health, ON, Canada

POS1-135  CONSTRUCTING AND EVALUATING A UNIVERSAL E-CIGARETTE VAPING BEHAVIOR RECORDER (VBR) PROTOTYPE
Bartosz Koszowski*, Wallace Pickworth1, Donald McGonigle2, Vladimir Mikheev1, Marielle Brinkman1, Alieu Kanu1, Jennifer Tobe1, Raymond Zaborski1, Meridith Thanner1, Carson Smith1, 1Battelle Memorial Institute, Battelle Public Health Center for Tobacco Research, MD, USA, 2Battelle Memorial Institute, Advanced Analytics & Health Research, MD, USA, 3Battelle
Memorial Institute, Medical Product Development., OH, USA, Battelle Memorial Institute, Survey Research, MD, USA

POS1-136
REACTIVITY TO SIMULATED SOCIAL REJECTION PREDICTS URGE TO SMOKE DURING ABSTINENCE IN A LABORATORY SETTING
Matthew Kirkpatrick*, Claudia Aguirre, Jimi Levens-thal, University of Southern California, CA, USA

POS1-137
SUBJECTIVE EFFECTS OF SMOKING AMONG OPIOID-MAINTAINED INDIVIDUALS: RESULTS FROM A PILOT STUDY EXAMINING REDUCED NICOTINE CONTENT CIGARETTES
Joanna Streck*, Stacey Sigmon1, Sarah Heil1, Maxine Stitzer2, Jennifer Tidy1, Diann Gaailema3, Michael DeSarno4, Katherine Balas5, Hanna Durand6, Stephen Higgins7, University of Vermont, VT, USA, Johns Hopkins University, MD, USA, Brown University, RI, USA

POS1-138
PSYCHOLOGICAL WELL-BEING AND SMOKING DEPENDENCE: CROSS-SECTIONAL CORRELATIONS
Christopher Thorne*, Peter Hendricks, University of Alabama-Birmingham, AL, USA

POS1-139
PUFF TOPOGRAPHY AND CARBON MONOXIDE EXPOSURE COMPARISONS IN CIGARETTE AND LITTLE CIGAR SMOKING
Chad Reissig1, Wallace Pickworth2, Jennifer Potts3, Lauren Viray4, Zachary Rosenbery5, Food and Drug Administration, MD, USA, Battelle, MD, USA

POS1-140
IT’S NOT JUST FORGETTING: ASSESSING HISTORY OF MEDICATION ADHERENCE TO TAILOR STRATEGIES TO PROMOTE ADHERENCE
Stephanie O’Malley*, Allen Zweben2, Yale School of Medicine, CT, USA, Columbia University School of Social Work, NY, USA

POS1-141
GUIDED SMOKING CESSATION TREATMENT PLAN USING EXHALED CARBON MONOXIDE LEVELS AT ONE WEEK POST TARGET QUIT DAY
Shari Hrabovsky*, Jennifer Maccani, Susan Veldheer, Jessica Yingst, Erin Hammett, Jonathan Foulds, Penn State College of Medicine - Hershey, Pennsylvania, PA, USA

POS1-142
MALLEABILITY OF DISTRESS INTOLERANCE DURING SMOKING CESSATION TREATMENT
Samantha Farris1, Teresa Leyro2, Camilla Överup3, Norman Schmidt4, Michael Zvolensky5, Alpert Medical School of Brown University and University of Houston, PA, USA, Rutgers, The State University of New Jersey, NJ, USA, Fairleigh Dickinson University, NJ, USA, Florida State University, FL, USA, University of Houston and The University of Texas MD Anderson Cancer Center, TX, USA

POS1-143
DESIGN AND IMPLEMENTATION OF DECISION SUPPORT FOR TOBACCO DEPENDENCE TREATMENT IN AN INPATIENT ELECTRONIC MEDICAL RECORD
Steven Bernstein*, June Rosner2, Michelle DeWitt3, Jeanette Tetrault4, Allen Hsiao5, James Dziura6, Scott Sussman7, Patrick O’Connor2, Benjamin Tol5, Yale School of Medicine, Yale Cancer Center, CT, USA, Yale School of Medicine, CT,
USA, 3Yale-New Haven Hospital, CT, USA, 4Yale School of Medicine, Yale-New Haven Hospital, CT, USA, 5Yale School of Medicine, Yale School of Public Health, CT, USA, 6Medical University of South Carolina, SC, USA

POS1-144
BEHAVIORAL ECONOMIC SUBSTITUTION BETWEEN CIGARETTES AND E-CIGARETTES ASSOCIATED WITH FREQUENCY OF USE
Sarah Snider*, Mikhail Koffarnus, K. Michael Cummings, Warren Bickel, Virginia Tech Carilion Research Institute, VA, USA, 2Medical University of South Carolina, SC, USA

POS1-145
SMOKING AS A CHRONIC HEALTH CONDITION: A RCT COMPARING FOUR EXTENDED SMOKING TREATMENT INTERVENTIONS IN A DEMOGRAPHICALLY DIVERSE SAMPLE
Gary Humfleet*, Ricardo Munoz, Pamela Ling, Victor Reus, Eliseo Perez-Stable, Sharon Hall, University of California, San Francisco, CA, USA, 2Palo Alto University, CA, USA

POS1-146
THRESHOLD DOSE FOR DISCRIMINATION OF CIGARETTE NICOTINE CONTENT
Kenneth Perkins, Department of Psychiatry, University of Pittsburgh, Pittsburgh PA

POS1-147
GENDER DIFFERENCES IN ALLOPREGNANOLONE AND SMOKING SEVERITY
Alicia Allen*, Justin Anker, Samantha Carlson, Lynn Eberly, Sharon Allen, University of Minnesota, MN, USA

POS1-148
SMOKE EXPOSURE FROM SPECTRUM RESEARCH CIGARETTES WITH VARYING NICOTINE CONTENT
Yantao Zuo, Aisha Golaub, James Davis, Erin O’Reilly, Jed Rose, Alexey Mukhin*, Duke University Medical Center, NC, USA

POS1-149
UNDERSTANDING HOW CESSATION TREATMENTS WORK: EFFECTS ON PUTATIVE MECHANISMS IN A FACTORIAL EXPERIMENT
Megan Piper*, Jessica Cook, Tanya Schlam, Stevens Smith, Daniel Bolt, Linda Collins, Robin Merkleinstein, Michael Fiore, Timothy Baker, University of Wisconsin - Madison, WI, USA, 2Pennsylvania State University, PA, USA, 3University of Illinois - Chicago, IL, USA

POS1-150
EFFICACY OF EMERGENCY DEPARTMENT-INITIATED TOBACCO CONTROL – UPDATE OF A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS
Christina Lemhoefer, Gwen Rabe, Juergen Wellmann, Steven Bernstein, Ka Cheung, Claudia Spies, Bruno Neuner, Charité-Universitätsmedizin Berlin, Germany, 2Krankenhaus der Augustinerinnen, Cologne, Germany, 3University of Muenster, Muenster, Germany, 4Yale University School of Medicine, New Haven, CT, USA, 5University of British Columbia, Vancouver, BC, Canada
POS1-151  NON-NICOTINE ELECTRONIC CIGARETTES REDUCE CUE- AND WITHDRAWAL-INDUCED CRAVING IN DAILY DEPENDENT SMOKERS

Ginnie Ng*, Peter Selby, Laurie Zawertailo, 1University of Toronto, ON, Canada, 2Centre for Addiction and Mental Health, University of Toronto, ON, Canada

POS1-152  USER EXPERIENCE EVALUATION OF A SMOKING CESSATION APP IN PEOPLE WITH SERIOUS MENTAL ILLNESS

Javier Rizo*, Emily Zeng, Julie Kientz, Richard Ries, Roger Vilaraguda, University of Washington - Seattle, WA, USA

POS1-153  DEVELOPMENT AND INITIAL VALIDATION OF THE CESSATION FATIGUE SCALE

Bryan Heckman, Ellen Meier, Matthew Carpenter, 1Medical University of South Carolina, SC, USA, 2University of Minnesota, MN, USA

POS1-154  NICOTINE WITHDRAWAL ALTERS NEURAL RESPONSES TO PSYCHOSOCIAL STRESS

Rebecca Ashare*, Caryn Lerman, Wen Cao, Mary Falcone, Leah Bernardo, Kosha Ruparel, Ryan Hopson, Ruben Gur, Jens Pruessner, James Loughead, 1University of Pennsylvania Perelman School of Medicine, PA, USA, 2McGill University, PA, USA

POS1-155  SMOKING CESSATION INTERVENTIONS FOR LOW-DOSE CT LUNG CANCER SCREENING PATIENTS: A SYSTEMATIC REVIEW

Barbara Pineiro*, Vani Simmons, Amanda Palmer, John Correa, Thomas Brandon, 1Moffitt Cancer Center and University of Santiago de Compostela, FL, USA, 2Moffitt Cancer Center and University of South Florida, FL, USA

POS1-156  PREVALENCE OF KNOWN RISK-FACTORS FOR POOR TREATMENT OUTCOMES AMONG TREATMENT SEEKING LGBT SMOKERS

Alicia Matthews*, Natalie Ross, Raymond Ruiz, Frances Aranda, Andrea King, 1University of Illinois at Chicago, IL, USA, 2Howard Brown Health Center, IL, USA, 3University of Chicago, IL, USA

POS1-157  EXTENDED SMOKING CESSATION TREATMENT PLUS HOME VISITS FOR SMOKERS WITH SCHIZOPHRENIA

Arthur Brody*, Todd Zonick, Robert Hubert, Shabnam Balali, Paul Abraham, Paulina Young, Charles McCreary, 1University of California at Los Angeles, 2VA Greater Los Angeles Healthcare System, CA, USA

POS1-158  PARENTAL RESTRICTION OF MATURE-RATED MEDIA AND ITS ASSOCIATION WITH TOBACCO USE IN ARGENTINA

Raul Mejia*, Adriana Perez, Lorena Peña, Paola Morello, Christy Kollath-Cattano, Sandra Braun, Inti Barrientos Gutierrez, James Hardin, James Thrasher, James Sargent, 1Centro de Estudios de Estado y Sociedad (CEDES), Argentina, 2University of South Carolina, SC, USA, 3National Institute of Public Health, Cuernavaca, Mexico, Mexico, 4Geisel School of Medicine at Dartmouth, NH, USA
POS1-159
THE TEMPORAL WINDOW OF VALUATION SPANNING THE FUTURE AND PAST IS CONSTRICTED AMONG ADOLESCENT SMOKERS
Amanda Quisenberry*, Alexander Bianco, Warren Bickel, Virginia Tech Carilion Research Institute, VA, USA

POS1-160
UNDERSTANDING SMOKER RECRUITMENT AND RETENTION IN THE UK PHARMACY STOP SMOKING PROGRAMME: QUALITATIVE ANALYSIS OF ADVISOR INTERVIEWS
Ratna Sohanpal*, Carol Rivas, Liz Steed, Virginia MacNeill, Valerie Kuan, Elizabeth Edwards, Robert Walton, Queen Mary University of London, United Kingdom, Southampton University, United Kingdom, Oxford University, United Kingdom

POS1-161
INFORMATION EXPOSURE ABOUT E-CIGARETTES PREDICTS REDUCED HARM PERCEPTIONS AND E-CIGARETTE USE AMONG ADULT SMOKERS IN THE U.S.
Kelly Blake*, Lila Rutten, Rachel Grana, Annette Kaufman, Amenah Agunwamba, Patrick Wilson, Scott Leischow, National Cancer Institute, MD, USA, Mayo Clinic, MN, USA, Mayo Clinic, AZ, USA
POSTER SESSION 2

2:30 p.m.-3:00 p.m. .................................. Presenters set up posters
4:30 p.m.-6:00 p.m. .................................. Poster Session 2

Presenters available at their poster
6:00 p.m.-7:00 p.m. .................................. Presenters remove posters

POS2-1
CONSUMER RESPONSES TO MODIFIED RISK TOBACCO PRODUCT ADVERTISING
Richard O’Connor, Roswell Park Cancer Institute

POS2-2
KNOWING FEMALE SMOKERS’ PROFILE WITH MULTIPLE CHRONIC CONDITIONS IN THE SMOKING CESSATION PROCESS
Arise Galli*1,2, Eliane Banhato3,3, Marinêia Miranda3,3, Bárbara Any Andrade3,3, Kelly Fabiane Miranda3,3, Tatiane Campos2,3, Roberta Valente2,3, Ma’arcus Bastos2,3, 1Federal University of Juiz de Fora, Brazil, 2Juiz de Fora - Brazil, 3IMEPEN Foundation, Brazil

POS2-3
TOBACCO SALES TO MINORS: STATE DIFFERENCES IN FDA COMPLIANCE CHECK INSPECTIONS, 2014
Hannah Baker*1, Clare Meernik*1, Kristen Jarman1, Leah Ranney1, Joseph Lee2, Adam Goldstein1, 1University of North Carolina at Chapel Hill, NC, USA, 2East Carolina University, NC, USA

POS2-4
THE EFFECTIVENESS OF NICOTINE-PATCH THERAPY FOR SMOKING CESSATION IN SAUDI SMOKERS IN CENTRAL SAUDI ARABIA
Mohamed Al-Arifi, King Saud University, Saudi Arabia

POS2-5
IMPLEMENTATION AND OUTCOMES OF A NATIONAL POLICY TO REDUCE TOBACCO RETAIL DENSITY IN HUNGARY
Jozsef Bodrogi1, Tamas Joo2, Todd Rogers3, Frank Chaloupka4, Kristen Foley*5, 1Health Solutions, Inc., Hungary, 2Health Solutions, Inc., USA, 3RTI International, NC, USA, 4University of Illinois Chicago, IL, USA, 5Wake Forest School of Medicine, NC, USA

POS2-6
AN EXPERIMENTAL MANIPULATION OF REDUCED NICOTINE CONTENT EXPECTANCIES ALTERS INITIAL SUBJECTIVE AND BEHAVIORAL RESPONSES TO SMOKING: A PILOT STUDY
Melissa Mercincavage*, Joshua Smyth2, Steven Bransetter2, 1University of Pennsylvania, PA, USA, 2The Pennsylvania State University, PA, USA

POS2-7
STUDY TO QUANTITATIVELY ASSESS THIS POTENTIAL MESSAGE (THS-PBA-03-US)
POS2-8
TOBACCO MARKETING, SMOKING SUSCEPTIBILITY, AND SMOKING BEHAVIOR AMONG EARLY ADOLESCENTS IN MEXICO
Rosaura Perez-Hernandez*, Erika Abad-Vivero1, Inti Barrientos-Gutierrez1, Christy Kollath-Cattano2, Raúl Mejia3, Edna Antilo-Santillan, James Sargent4, James Thrasher5, 1National Institute of Public Health, Mexico, 2College of Charleston, NC, USA, 3Centro de Estudios de Estado y Sociedad (CEDES), Argentina, 4Dartmouth-Hitchcock Medical Center, NH, USA, 5University of South Carolina, SC, USA

POS2-9
DATA FOR TOBACCO RESEARCH FROM THE NATIONAL ADDICTION & HIV DATA ARCHIVE PROGRAM
Kaye Marz, University of Michigan, MI, USA

POS2-11
Brian Fix*, Maansi Travers1, Danielle Smith1, K. Michael Cummings2, Andrew Hyland3, Georges Nahhas3, 1Roswell Park Cancer Institute, NY, USA, 3Medical University of South Carolina, SC, USA

POS2-12
NEW ZEALAND (NZ) SMOKERS’ PERCEPTIONS OF THE EFFECTS OF FIVE THEORETICAL TOBACCO RETAIL REDUCTION POLICIES
Lindsay Robertson*, Janet Hoek, Phil Gendall, Louise Marsh, Claire Cameron, Rob McGee, University of Otago, New Zealand

POS2-13
EXAMINING POLICY SUCCESSES IN REDUCING ADULT SMOKING RATES IN LOW-SOCIOECONOMIC POPULATIONS
Ilana Knopf*, Harlan Juster, 1Public Health and Tobacco Policy Center - Public Health Advocacy Institute., MA, USA, 2New York State Department of Health, NY, USA

POS2-14
IMPACT OF A COMPREHENSIVE SMOKE-FREE LAW ON INDOOR AIR QUALITY AT HOSPITALITY VENUES IN SOUTH KOREA
Sol Yu*, Soonchunhyang University, South Korea, Republic of Korea

POS2-15
MULTIDISCIPLINARY CARE UNIT FOR SMOKING USERS WITH MULTIPLE CHRONIC CONDITIONS: TOBACCO STATUS IN A FOLLOW-UP OF 12 MONTHS
Barbara Any Andrade*, Arise Galil, Marineia Cruz, Tatiane Campos, Roberta Costa, Eliane Banhato, Fernando Colignonati, Universidade Federal de Juiz de Fora, Brazil

POS2-16
TOBACCO IMAGERY ON NEW ZEALAND TELEVISION: TEN YEARS ON
Louise Marsh*, Rob McGee, Lindsay Robertson, Matthew Ward, Rebecca Llewellyn, University of Otago - Dunedin, New Zealand, New Zealand

POS2-17
EVALUATION OF RATIONALES FOR AND AGAINST REGULATING E-CIGARETTES
Ashley Sanders-Jackson*, Andy Tan2, Cabral Bigman3, Jeff Niederdeppe4, 1Michigan State University, MI, USA, 2Harvard
University, MA, USA, 3University of Illinois Urbana-Champaign, IL, USA, 4Cornell University, NY, USA

POS2-18
PERCEPTIONS OF “NATURAL” AND “ADDITIVE-FREE” CIGARETTES AND INTENTIONS TO PURCHASE
Richard O’Connor*, M. Jane Lewis2, Sarah Adkison1, Maansi Bansal-Travers1, 1Roswell Park Cancer Institute, NY, USA, 2Rutgers School of Public Health, NJ, USA

POS2-19
A LONGITUDINAL STUDY OF THE EFFECT OF E-CIGARETTE ADVERTISEMENTS ON E-CIGARETTE USE AMONG U.S. ADULT SMOKERS AND NONSMokers
Israel Agaku*, Kevin Davis1, Deesha Patel1, Paul Shafer2, Shanna Cox1, William Ridgeway2, Brian King1, 1Office on Smoking and Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA, 2RTI International, Atlanta, GA, USA

POS2-20
NATIONAL AND STATE-SPECIFIC PREVALENCE OF ATTITUDES TOWARD SMOKE-FREE PARKS AMONG U.S. ADULTS
Judy Kruger*, Amal Jama2, Michelle Kegler3, Kristy Marynka*, Brian King1, 1Centers for Disease Control and Prevention, GA, USA, 2D.B. Consulting Group, GA, USA, 3Emory University, GA, USA

POS2-21
TOBACCO USE PERSPECTIVES FROM ABORIGINAL PEOPLE WHO IDENTIFY AS TWO-SPRIT, LESBIAN, GAY, TRANS, AND/OR QUEER – POLICY AND PRACTICE INSIGHTS FROM ONTARIO YOUTH AND YOUNG ADULTS
Ryan David Kennedy*, N Bruce Baskerville2, Sunday Aza-gba1, Michael Chaiton3, Alanna Shuh2, Aneta Abramowicz2, Katy Wong2, Aamer Esmail4, Jennifer Yessis2, 1Johns Hopkins Bloomberg School of Public Health, MD, USA, 2Propel Centre for Population Health Impact, University of Waterloo, ON, Canada, 3Ontario Tobacco Research Unit, Dalla Lana School of Public Health, University of Toronto, Toronto, ON, Canada, 4Sherbourne Health Centre, Toronto, ON, Canada

POS2-22
NICOTINE CONTENT AND CHILD-RESISTANT PACKAGING OF ELECTRONIC CIGARETTE REFILL LIQUIDS AND VAPE STORE COMPLIANCE WITH STATE SMOKE-FREE LAWS
Kelly Buettner-Schmidt*, Donald Miller, Narayanaganesh

POS2-23
TAKE IT OUTSIDE! THE EFFECTS OF SMOKE-FREE HOUSING POLICIES ON TOBACCO USE AND SECONDHAND SMOKE EXPOSURE AMONG AFFORDABLE HOUSING RESIDENTS
John Kingsbury*, Dawn Reckinger, Minnesota Department of Health, MN, USA

POS2-24
IMPACT ASSESSMENT OF HUMAN RIGHTS BASED APPROACH TO TOBACCO CONTROL
Kirsten Henry*, John Loftus, Carolyn Dresler, Harry Lando, Human Rights and Tobacco Control Network, MN, USA
POS2-25
ADDRESSING TOBACCO PRODUCT REGULATION IN ETHNICALLY DIVERSE COMMUNITIES BY PARTNERING WITH COMMUNITY HEALTH WORKERS AND KEY OPINION LEADERS
Robert Garcia*, Lourdes Baezconde-Garbanati, University of Southern California, CA, USA

POS2-26
CHARACTERIZATION OF THE BACTERIAL MICROBIOTA ASSOCIATED WITH LITTLE CIGARS
Emmanuel Mongodin*, Eoghan Smyth1, Suhana Chattopadhyay2, Lauren Hittle1, Emma Claye2, Prachi Kulkarni2, Amy Sapkota2, 1Institute for Genome Sciences, University of Maryland, School of Medicine, Baltimore, MD, USA, 2Maryland Institute for Applied Environmental Health, University of Maryland College Park School of Public Health, College Park, MD, USA

POS2-27
IS “ORGANIC” THE NEW “LIGHT”? PUBLIC BELIEFS AND EXPERIENCES WITH “ORGANIC,” “ADDITIVE-FREE,” AND “NATURAL” CIGARETTES
M. Justin Byron1,2, Sabeeh Baig1,2, Kathryn Moracco2, Noel Brewer1,2, 1Gillings School of Global Public Health, University of North Carolina at Chapel Hill, NC, USA, 2Lineberger Comprehensive Cancer Center, NC, USA

POS2-28
CONTENT ANALYSIS OF UNIQUE SELLING PROPOSITIONS IN TOBACCO ADS: CIGARETTES VS. NON-CIGARETTE TOBACCO PRODUCTS
Smita Banerjee*, Megan Shen, Kathryn Greene, Jamie Ostroff, 1Memorial Sloan Kettering Cancer Center, NY, USA, 2Weill Cornell Medical College, NY, USA, 3Rutgers University, NJ, USA

POS2-29
POINT-OF-SALE TOBACCO PROMOTION AND YOUTH SMOKING: A META-ANALYSIS
Lindsay Robertson*, Claire Cameron, Rob McGee, Louise Marsh, Janet Hoek, University of Otago, New Zealand

POS2-30
HOW HEALTH RISKS ARE PINPOINTED (OR NOT) ON SOCIAL MEDIA: THE PORTRAYAL OF WATERPIPE SMOKING ON INSTAGRAM
Jeanine Guidry, Virginia Commonwealth University, Department of Social and Behavior Health, VA, USA

POS2-31
REACHING CONSUMERS: HOW THE TOBACCO INDUSTRY USES EMAIL MARKETING
Samantha Carlson1, Molly Mollanen2, Barbara Schillo2, 1Association for Nonsmokers-Minnesota, MN, USA, 2ClearWay Minnesota, MN, USA

POS2-32
FDA-PROPOSED WARNING LABEL ON ELECTRONIC CIGARETTES: PERCEPTIONS AMONG U.S. ADULTS, 2015
Kyle Gregory, Ban Majeed*, Joy Burns, Georgia State University, GA, USA

POS2-33
AN ANALYSIS OF QUANTITY AND CONTENT OF THREE-YEAR ELECTRONIC CIGARETTE PROMOTION ON TWITTER
Steven Binns*, Jidong Huang, Yaru Shi, Hy Tran, Violeta Carrion, Sherry Emery, University of Illinois at Chicago, IL, USA
Poster Session 2 · Thursday, March 3, 2016 · 4:30 p.m.-6:00 p.m.

POS2-34 PROVIDER PERSPECTIVES ON INTERNATIONAL TRAINING IN TOBACCO TREATMENT: ACCESS, QUALITY, AND PERSPECTIVES ON POLICY
Henrique Gomide1, Leonardo Martins1, Kimber Richter2, Wael Elmeguid3, Mira Aghi4, Sidney Pratt5, Yael Bar Zeev6, ATTUD International Training Committee
1Department of Psychology, Federal University of Juiz de Fora, Brazil, 2Department of Preventive Medicine and Public Health, University of Kansas Medical Center, Kansas City, KS, USA, 3Coordinator, Tobacco Treatment Unit, Wadi El Neel Hospital, Cairo, Egypt, 4Behavioral Science, Healis Sekhsaria Institute of Public Health, Mumbai, India, 5Smokefreeworld, San Jose, Costa Rica, Advisers of the President of Costa Rica in Tobacco Control, Costa Rica, 6Division of Community Health, Faculty of Health Science, Ben Gurion University of the Negev, Israel, 7Association for the Treatment of Tobacco Use and Dependence International Training Committee (ATTUD-ITC), USA

POS2-35 CORRELATES OF REACTIONS TO PUBLIC SMOKE-FREE POLICIES AND SMOKE-FREE HOME POLICY ADOPTION IN THE REPUBLIC OF GEORGIA
Carla Berg1, Marina Topuridze2, Nino Maglakelidze2, Lela Sturua1, Maia Shishniashvili2, Michelle Kegler1, Emory University, GA, USA, 2National Center for Disease Control and Public Health, Georgia, 3National Center for Disease Control and Public Health, USA

POS2-36 ELECTRONIC CIGARETTES ON HOSPITAL CAMPUSES
Clare Meernik1, Hannah Baker1, Karina Paci, Isahiah Fischer-Brown, Daniel Dunlap, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA

POS2-37 STANDARDIZED TOBACCO ASSESSMENT FOR RETAIL SETTINGS—TRIBAL COMMERCIAL TOBACCO (STARS-TCT) IN NAVAJO NATION
Patricia Henderson1, Chantal Nez1, Priscilla Nez1, Scott Leischow2, Black Hills Center for American Indian Health, SD, USA, 2Mayo Clinic, AZ, USA

POS2-38 DISTINCT TOBACCO INDUSTRY INFLUENCES IN A STATE LEGISLATURE
James Matheny1, Theodore Wagener, Michael Anderson, University of Oklahoma Health Sciences Center, OK, USA

POS2-40 ATTITUDES TO OUTDOOR SMOKEFREE POLICIES IN THE USA AND CANADA
Richard Edwards1, George Thomson1, Nick Wilson2, Damian Collins1, University of Otago, Wellington, New Zealand, 2Department of Otago, Wellington, New Zealand, 3University of Alberta, Edmonton, Canada

POS2-41 CHINA’S TOBACCO-FREE CAMPUS POLICY ON COLLEGE CAMPUSES – EVIDENCE FROM A SURVEY OF COLLEGE STUDENTS IN BEIJING
Min Gong1, Zhu-yuan Liang2, Yangyang Zhang3, William Shadel2, Lei Zhou2, Jia-Ying Xiao2, RAND Corporation, PA, USA, 2Institute of Psychology, Chinese Academy of Sciences, China, 3Institute of Psychology institution, Chinese Academy of Sciences, China, 4Beijing Normal University, China
POS2-42
GEORGIA RESTAURANT AND BAR OWNERS AND MANAGERS RECEPTEIVENESS TO ALLOWING ELECTRONIC NICOTINE DELIVERY SYSTEM USE IN THEIR ESTABLISHMENTS
Rachna Chandora*, Brandon Talley, Scott Weaver, Michael Eriksen, Georgia State University, School of Public Health, GA, USA

POS2-43
USING THE TRANSTHEORETICAL MODEL TO EVALUATE A STATEWIDE TOBACCO TAX INCREASE
Michael Parks1, John Kingsbury1*, Michael Amato2, Raymond Boyle2, 1Minnesota Department of Health, MN, USA, 2Clear-Way Minnesota, MN, USA

POS2-44
THE WORLD’S FIRST REGULATED LEGAL MARKET FOR NEW PSYCHOACTIVE SUBSTANCES – RELEVANCE TO TOBACCO CONTROL?
Richard Edwards1*, Janet Hoek2, George Thomson1, Richard Jaine1, Nick Wilson1, 1University of Otago - Wellington, New Zealand, 2University of Otago - Dunedin, New Zealand

POS2-45
GEOGRAPHIC REGION AND STATE TOBACCO EXCISE TAX AS PREDICTORS OF AIDED VERSUS UNAIDED CESSATION ATTEMPTS
Jennifer Dahne*, Matthew Carpenter, Medical University of South Carolina, SC, USA

POS2-46
ATTITUDES TOWARD PROHIBITING THE USE OF ELECTRONIC NICOTINE DELIVERY SYSTEMS IN INDOOR PUBLIC PLACES AMONG U.S. ADULTS, 2015
Brian King*, Kristy Marynak, Amal Jama, Gabbi Promoff, Centers for Disease Control and Prevention (CDC), GA, USA

POS2-47
REDUCED RELATIVE HARM PERCEPTION AND USE OF EMERGING TOBACCO PRODUCTS AMONG U.S. MIDDLE AND HIGH SCHOOL STUDENTS, 2013
Israel Agaku*, Tushar Singh, Office on Smoking and Health, Epidemiology branch, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, Atlanta GA, USA

POS2-48
NEW ZEALAND ADOLESCENTS’ DISCOURAGEMENT OF SMOKING AMONG THEIR PEERS
Ella Isosua1, Rob McGee1, Joanna White2, 1University of Otago, New Zealand, 2Health Promotion Agency, New Zealand

POS2-49
THE IMPACT OF GOVERNMENTAL POLICIES AND MULTINATIONAL TOBACCO COMPANY PRACTICES ON TOBACCO FARMING IN ROMANIA
Arpad Szabo1*, Todd Rogers2, Ede Lazar2, Frank Chaloupka4, Hunor Burian1, Zoltan Abram1, 1MUTF Educational Centre - Odorheiu Secuiesc, Romania, 2RTI International, CA, USA, 3Sapientia University - Miercurea Ciuc, Romania, 4University of Illinois at Chicago, IL, USA

POS2-50
VAPE STORE OPERATORS’ TAKE ON VAPE POLICIES — QUALITATIVE STUDY ACROSS SEVEN CITIES IN THE U.S.
Pratibha Nayak*, Dianne Barker, JiDong Huang1, Christine Mineart2, Eleanor Leavens2, Farhia Omar1, Megan Diaz3, Frank Chaloupka1, *Georgia State University, GA, USA, 2Barker Bi-Coastal Health Consultants, Inc., CA, USA, 3University
POS2-51
APPRAISAL OF RADICAL OPTIONS FOR ACHIEVING NEW ZEALAND’S SMOKEFREE 2025 GOAL: MAORI, PACIFIC, AND POLICY EXPERT PERSPECTIVES
Jude Ball1, Richard Edwards*1, Andrew Waa1, El-Shadan Tautolo2, 1University of Otago, Wellington, New Zealand, 2Auckland University of Technology, New Zealand

POS2-52
LEVERAGING NATIONAL TOBACCO USE PHONE SURVEY DATA TO INFORM FDA POLICY
Marcella Boynton*1, Robert Agans1, J. Michael Bowling1, Noel Brewer2, Erin Sutfin2, Adam Goldstein1, Seth Noar2, Kurt Ribisl1, 1University of North Carolina at Chapel Hill, NC, USA, 2Wake Forest University, NC, USA

POS2-53
THE IMPACT OF TOBACCO RETAIL OUTLETS ON SMOKING CESSATION: THE EFFECTS OF PROXIMITY, THRESHOLD, AND DENSITY IN A LONGITUDINAL POPULATION REPRESENTATIVE COHORT
Michael Chaiton1*, Joanna Cohen2, 1University of Toronto, ON, Canada, 2Johns Hopkins Bloomberg School of Public Health, MD, USA

POS2-54
THE RECENT TREND OF WARNINGS IN PRINT ELECTRONIC NICOTINE DELIVERY SYSTEM ADVERTISEMENTS
Ce Shang*, Frank Chaloupka, University of Illinois at Chicago, IL, USA

POS2-55
ASSESSING THE ASSOCIATION OF SMOKE-FREE LEGISLATION AND TOBACCO TAXATION WITH GENDER EFFECT ON SMOKING PREVALENCE: A LONGITUDINAL COMMUNITY STUDY
Chih-Kuan Lai, Taipei Veterans General Hospital

POS2-56
NAVAJO SMOKING POLICY AND HEALTH SURVEY: OPINIONS AND BELIEFS ABOUT SMOKE-FREE POLICIES OF NAVAJO ELECTED OFFICIALS
Janet Okamoto1*, Patricia Nez Henderson2, Scott Leischow1, 1Mayo Clinic, AZ, USA, 2Black Hills Center for American Indian Health, SD, USA

POS2-57
DOCTOR ADVICE ABOUT NICOTINE IN THE CONTEXT OF E-CIGARETTES – OBSERVATIONAL CONTENT ANALYSIS FROM AN ONLINE DIGITAL HEALTH SITE
Andrea Burbank, MD*1, Cati Brown-Johnson, PhD2, Geoffrey Rutledge, MD, PhD3, Judith Prochaska, PhD, MPH2, 1Center for Tobacco Control Research and Education, University of California, San Francisco, CA, USA, 2Stanford Prevention Research Center, Department of Medicine, Stanford University, Stanford, CA, USA, 3HealthTap, Palo Alto, CA, USA

POS2-58
HOW ARE THEY GETTING THEM?
Jacob Isaacson, Davis County Health Department

POS2-59
E-CIGARETTE SMOKING AMONG U.S. ADOLESCENTS: SYSTEMATIC REVIEW
Linda Haddad1, Roula Ghadban2, Anastasiya Ferrell*2, 1University of Florida, College of Nursing, FL, USA, 2Virginia Commonwealth University, School of Nursing, VA, USA
POS2-60
HOW DO CIGARETTE PRICES, MARKETING, AND TOBACCO PRODUCT AVAILABILITY IN PHARMACIES COMPARE TO OTHER TOBACCO RETAILER TYPES?
Andrew Seidenberg*, Shelley Golden*, Kurt Ribisl1,2, University of North Carolina at Chapel Hill, NC, USA, 2Lineberger Comprehensive Cancer Center, NC, USA

POS2-61
THE RELATIONSHIP BETWEEN USE OF FLAVORED TOBACCO PRODUCTS, PRODUCT APPEAL, AND QUIT ATTEMPTS: FINDINGS FROM A SURVEY OF U.S. ADULT TOBACCO USERS
Danielle Smith*, Maansi Bansal-Travers1, Jidong Huang1, Dianne Barker2, Andrew Hyland1, Frank Chaloupka2, Roswell Park Cancer Institute, NY, USA, Institute for Health Research and Policy, University of Illinois at Chicago, IL, USA, 2Barker Bi-Coastal Health Consultants, Inc., CA, USA

POS2-62
RECALL OF E-CIGARETTE ADVERTISING AND POLICY BELIEFS AMONG YOUTH AND YOUNG ADULTS
Allyson Volinsky*, Elissa Kranzler, Annenberg School for Communication, University of Pennsylvania, PA, USA

POS2-63
ANALYSIS OF HEALTH WARNINGS ON ELECTRONIC NICOTINE DELIVERING SYSTEMS FROM THE U.S. MARKET
Iman Chaudhry*, Noel Leigh, Maciej Goniewicz, Roswell Park Cancer Institute, NY, USA

POS2-64
TOBACCO GROWING AND THE UNITED NATIONS POST-2015 DEVELOPMENT AGENDA: THE EXAMPLE OF MALAWI
Margarete Kulik*, Stella Bialous1, Spy Munthali2, Wendy Max1, University of California, San Francisco, CA, USA, 2Chancellor College, University of Malawi, Malawi

POS2-65
EFFECTIVENESS OF PICTORIAL HEALTH WARNINGS IN INDIA: FINDINGS FROM THE TCP INDIA SURVEY
Genevieve Sansone*, Geoffrey Fong1, Lorraine Craig1, Steve Xu1, Anne Quah1, Prakash Gupta2, Mangesh Pednekar2, University of Waterloo, ON, Canada, 2Healis-Sekhsaria Institute for Public Health, India

POS2-66
DEBUNKING THE TAX - CONTRABAND MYTH
Robert Schwartz*, Bo Zhang1, University of Toronto, ON, Canada, 2Ontario Tobacco Research Unit, University of Toronto, ON, Canada

POS2-67
CIGARETTE FLAVORS IN 13 LOW- AND MIDDLE-INCOME COUNTRIES: ARE TOBACCO COMPANIES EXPERIMENTING WITH HOW TO CIRCUMVENT BANS ON “CHARACTERIZING” FLAVORS?
Joanna Cohen*, Carmen Washington, Jacqueline Ferguson, Jennifer Brown, Laura Kroart, Katherine Smith, Johns Hopkins Bloomberg School of Public Health, MD, USA

POS2-68
ESTIMATION OF DIFFERENT PRICE ELASTICITIES OF CIGARETTES IN ROMANIA
Ede Lazar*, Frank Chaloupka2, Todd Rogers1, Arpad Szabo1, Zoltan Abram3, Sapientia Hungarian University of Transylvania, Romania, 2University of Illinois at Chicago, IL, USA, 3RTI International, NC, USA, 3MÜTF Educational Centre - Odorheiu
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POS2-69
FLIGHT ATTENDANTS’ RECOMMENDATIONS FOR IMPROVING SMOKE-FREE POLICY 25 YEARS AFTER PASSAGE OF THE LANDMARK BAN ON IN-FLIGHT SMOKING
Lisa Lagasse*, Andrea Soong, Ana Navas-Acien, Joanna Cohen, Frances Stillman, Johns Hopkins Bloomberg School of Public Health, MD, USA

POS2-70
Sara Hitchman1,2, Robert Calder1, Ann McNeill1,2, 1Department of Addictions, Institute of Psychiatry, Psychology, and Neuroscience, King’s College London, London, England, United Kingdom, 2UK Centre for Tobacco and Alcohol Studies, United Kingdom

POS2-71
DO YOUNG ADULTS EXERCISE INFORMED CHOICE ABOUT SMOKING AS THE TOBACCO INDUSTRY CLAIM?
Richard Edwards*, Rebecca Gray1, Janet Hoek2, 1University of Otago - Wellington, New Zealand, 2University of Otago - Dunedin, New Zealand

POS2-72
AN ASSESSMENT OF RELATIVE RISK PERCEPTIONS ACROSS NON-COMBUSTIBLE TOBACCO AND NICOTINE PRODUCTS: IMPLICATIONS FOR PUBLIC HEALTH POLICY
Christine Czoli*, Geoffrey Fong2, Darren Mays3, David Hammond4, 1University of Waterloo, ON, Canada, 2University of Waterloo, Ontario Institute for Cancer Research, ON, Canada, 3Lombardi Comprehensive Cancer Center, Georgetown University Medical Center, DC, USA

POS2-73
TOBACCO RETAIL OUTLET DENSITY AND RISK OF YOUTH SMOKING IN NEW ZEALAND
Louise Marsh*, Ali Ajmal, Rob McGee, Lindsay Robertson1, Crile Doscher, Claire Cameron1, 1University of Otago - Dunedin, New Zealand, 2ASH New Zealand, New Zealand, 3Lincoln University - Canterbury, New Zealand, 4University of Otago, New Zealand

POS2-74
PREVALENCE OF SMOKING IN PUBLIC VENUES AND SUPPORT FOR SMOKE-FREE REGULATIONS AMONG SMOKERS AND NON-SMOKERS: FINDINGS FROM THE ITC AFRICAN COUNTRIES
Susan Kaai*, Geoffrey Fong2, Premduth Burhoo2, Fastone Goma2, Jane Ong’ang’o3, Lawrence Ikamar3, Gang Meng4, Anne Quah1, 1University of Waterloo, ON, Canada, 2Mauritius Institute of Health, Mauritius, 3University of Zambia, Zambia, 4Kenya Medical Research Institute, Kenya, 5University of Nairobi, Kenya

POS2-75
EVALUATION OF COMPLIANCE IN PUBLIC PLACES AND WORKPLACES AFTER SEVEN MONTHS OF IMPLEMENTATION OF THE SMOKE-FREE LAW IN BANGLADESH
Ernesto Sebrie*, Mena El-Turky1, Eva Naznin2, Taifur Rahman2, Deirdre Kittner1, 1Campaign for Tobacco-Free Kids, DC, USA, 2University of Newcastle, Australia, 3Red Cross, Bangladesh
POS2-76
COMMON PREDICTORS OF QUIT INTENTIONS AMONG KENYAN AND ZAMBIAN SMOKERS: FINDINGS FROM THE ITC PROJECT
Susan Kaai1, Geoffrey Fong1, Fastome Goma2, Jane Ong’ang’o2, Lawrence Ikamari2, Gang Meng1, Anne Quah1,
1University of Waterloo, ON, Canada, 2University of Zambia, Zambia, 3Kenya Medical Research Institute, Kenya, 4University of Nairobi, Kenya

POS2-77
MONEY GONE UP IN SMOKE: TOBACCO USE AND MAL-NUTRITION NEXUS IN BANGLADESH
Muhammad Husain1, Mandeep Virk-Baker2, Bazlul Khondker3, 1Centers for Disease Control and Prevention (CDC), GA, USA, 2National Institutes of Health, Rockville, MD, USA, 3University of Dhaka, Bangladesh

POS2-78
THE IMPACT OF THE WHO FCTC ON THE IMPLEMENTATION OF STRONG TOBACCO MEASURES AND THE REDUCTION OF GLOBAL TOBACCO SMOKING PREVALENCE
Geoffrey Fong1, Gary Giovino2, Alison Commar3, Edouard Tursan d’Espaignet4, 1University of Waterloo, ON, Canada, 2University at Buffalo, NY, USA, 3World Health Organization, Geneva, Switzerland

POS2-79
THE LOW LEVEL OF AWARENESS OF KENYAN TOBACCO USERS ABOUT THE HARMs OF TOBACCO USE: FINDINGS FROM THE ITC KENYA PROJECT
Susan Kaai1, Geoffrey Fong1, Jane Ong’ang’o2, Lawrence Ikamari2, Vincent Kimosop3, Annika Green1, Gang Meng1, Anne Quah1, 1University of Waterloo, ON, Canada, 2Kenya Medical Research Institute, Kenya, 3University of Nairobi, Kenya, 4International Institute for Legislative Affairs, Kenya

POS2-80
CIGARETTE HEALTH WARNING LABEL RESPONSES AND DOWNSTREAM SMOKING CESSATION AMONGST ADULT SMOKERS IN AUSTRALIA, CANADA, MEXICO, AND THE UNITED STATES: DOES REACTANCE MATTER?
Yoojin Cho1, James Thrasher1, Robert McKeever1, Kamala Swayampakala1, Dian Anshari1, Michael Cummings2, David Hammond2, Ron Borland3, Hua-Hie Yong4, 1University of South Carolina, SC, USA, 2Medical University of South Carolina, SC, USA, 3University of Waterloo, Canada, 4Cancer Council Victoria, Australia

POS2-81
Kristy Marynak, Amal Jama, Brian King, Office on Smoking and Health, National Center for Chronic Disease Prevention and Health Promotion Centers for Disease Control and Prevention, Atlanta, GA, USA

POS2-82
MOVING INSIDE THE PACK WITH BRANDING ON THE STICK: DATA FROM 13 LOW- AND MIDDLE-INCOME COUNTRIES
Katherine Smith*, Carmen Washington, Jacqueline Ferguson, Jennifer Brown, Laura Kroart, Joanna Cohen, Johns Hopkins Bloomberg School of Public Health, MD, USA
POS2-83
USING EYE-TRACKING TO EXAMINE HOW EMBEDDING RISK CORRECTIVE STATEMENTS IMPROVES CIGARETTE RISK BELIEFS: IMPLICATIONS FOR TOBACCO REGULATORY POLICY

Kirsten Lochbuehler*1, Joseph Cappella2, Andrew Strasser2, 1UPenn Tobacco Center of Regulatory Science (TCORS), Annenberg School for Communication, University of Pennsylvania, PA, USA, 2UPenn Tobacco Center of Regulatory Science (TCORS), Annenberg School for Communication, University of Pennsylvania, PA, USA

POS2-84
SMOKERS’ AND E-CIGARETTE USERS’ PERCEPTIONS ABOUT POTENTIAL E-CIGARETTE WARNING STATEMENTS

Olivia Wackowski*1, David Hammond2, Richard O’Connor2, Andrew Strasser1, Cristine Delnevo1, 1Rutgers University - School of Public Health, NJ, USA, 2University of Waterloo - School of Public Health & Health Systems, ON, Canada, 3Roswell Park Cancer Institute, NY, USA, 4University of Pennsylvania - Perelman School of Medicine, PA, USA

POS2-85
MAPPING GLOBAL TOBACCO CONTROL ACTIVITIES: A PILOT STUDY OF 2015 WORLD CONFERENCE ON TOBACCO OR HEALTH (WCTOH) ATTENDEES

Janet Okamoto*1, Harry Lando2, Scott McIntosh3, Deborah Ossip3, Scott Leischow1, 1Mayo Clinic, AZ, USA, 2University of Minnesota, MN, USA, 3University of Rochester Medical Center, NY, USA

POS2-86
TOBACCO OUTLETS AND FAST FOOD RESTAURANTS NEAR SCHOOLS IN 97 U.S. COUNTIES: ASSOCIATIONS WITH SCHOOL SOCIO-DEMOGRAPHIC CHARACTERISTICS

Heather D’Angelo*1, Alice Ammerman2, Penny Gordon-Larsen2, Leslie Lytle2, Laura Linnan2, Kurt Ribisl2, 1National Cancer Institute, MD, USA, 2University of North Carolina at Chapel Hill, NC, USA

POS2-87
ATTITUDES ABOUT REGULATION OF E-CIGARETTES

Regina Whitmore*1, Mark Gottlieb1, Susanne Tanski2, Karen Wilson1, Jonathan Winickoff1, Robert McMullen1, Jonathan Klein1, 1American Academy of Pediatrics, IL, USA, 2Northeastern University School of Law, MA, USA, 3Geisel School of Medicine at Dartmouth, NH, USA, 4Children’s Hospital Colorado, University of Colorado, CO, USA, 5MGH Center for Child and Adolescent Health Policy, MA, USA, 6Mississippi State University, MS, USA

POS2-88

Hua-Hie Yong*1, Ron Borland1, Lin Li1, K. Michael Cummings2, Maansi Bansal-Travers1, Richard O’Connor1, James Thrasher1, 1Cancer Council Victoria, Melbourne, Australia, 2Medical University of South Carolina, Charleston, SC, USA, 3Roswell Park Cancer Institute, New York, NY, USA, 4University of South Carolina, Columbia, SC, USA
POS2-89
IMPACT OF CANADIAN TOBACCO PACKAGING ON QUITLINE UTILIZATION: AN INTERRUPTED TIME SERIES ANALYSIS OF CALL VOLUME
Neill Baskerville*, K. Stephen Brown1, Nghia Nguyen2, Lynda Hayward2, Ryan Kennedy3, David Hammond3, H. Sharon Campbell3, 1University of Waterloo, ON, Canada, 2Propel Centre for Population Health Impact, University of Waterloo, ON, Canada, 3John Hopkins Bloomberg School of Public Health, MD, USA

POS2-90
CHANGES IN NICOTINE CONCENTRATION AND CARBONYL COMPOUND YIELDS GENERATED FROM THE E-CIGARETTE SOLUTIONS SUBJECTED TO ACCELERATED AGEING
Andrzej Sobczak*, Leon Kosmider1,2, Marzena Zaciera2, Jolanta Kurek2, Maciej Goniewicz2, 1Medical University of Silesia, Katowice, Poland, 2Institute of Occupational Medicine and Environmental Health, Sosnowiec, Poland, 3Roswell Park Cancer Institute, Buffalo, NY, USA

POS2-91
THE INFLUENCE OF THE HEATING SYSTEM RESISTANCE ON THE NICOTINE YIELDS RELEASED FROM ELECTRONIC CIGARETTES
Leon Kosmider*, Andrzej Sobczak1, Maciej Goniewicz2, 1Medical University of Silesia, Katowice, Poland, Institute of Occupational Medicine and Environmental Health, Sosnowiec, Poland, 3Roswell Park Cancer Institute, Buffalo, NY, USA

POS2-92
TOXICOLOGICAL EFFECTS OF FLavored ELECTRONIC NICOTINE DELIVERY SYSTEMS ON BRONCHIAL EPITHELIAL CELLS
Ralph Lawton*, Erin McConnaghy, Noel Leigh, Pamela Hershberger, Maciej Goniewicz, Roswell Park Cancer Institute, NY, USA

POS2-93
MENTHOL CONTRIBUTION TO NICOTINE-SEEKING BEHAVIOR: EVIDENCE FROM RAT MODELS OF DRUG RELAPSE
Xiu Liu*, Erin Harrison, Lisa Biswas, Jonathan Lee, Meiyu Zhang, University of Mississippi Medical Center, MS, USA

POS2-94
RESPONSE DIFFERENCES IN THE PRESENCE OF CIGARETTE-RELATED STIMULI AMONG SMOKERS & EX-SMOKERS.
Daniel Robles*, Alina Shevorykin2, Robert Melara2, Mughessa Bhatti1, Jonathan Cabrera1, 1The City College of New York, NY, USA, 2Pace University, The City College of New York, NY, USA

POS2-95
ANIMAL MODELS TO ASSESS THE ABUSE LIABILITY OF ELECTRONIC CIGARETTES: EFFECTS OF ELECTRONIC CIGARETTE REFILL LIQUID ON INTRACRANIAL SELF-STIMULATION
Andrew Harris*, Peter Muelken2, Laura Tally1, Clare Schmidt2, Andrew Banai1, John Smethells2, Rachel Isaksen Vogel2, Mark LeSage1, 1Minneapolis Medical Research Foundation, MN, USA, 2University of Minnesota, MN, USA

POS2-96
NEW GENERATION OF ENDS DELIVER HIGHER NICOTINE
Iman Chaudhry*, Noel Leigh, Maciej Goniewicz, Roswell Park Cancer Institute, NY, USA
CHARACTERISTICS AND DESIGN FEATURES OF POPULAR E-CIGARETTE BRANDS AVAILABLE ONLINE
Rima Nakkash*, Nathalie Malek, Soha Talih, Rola Salman, Nareg Karaoghlian, Rachel El-Hage, Tamara Loutfi, Rima Baalbaki, Najat Saliba, Alan Shihadeh, American University of Beirut, Lebanon

ASSESSING THE EFFICACY OF ANTI-NICOTINE MONOCLONAL ANTIBODIES THROUGH ESTIMATION OF SERUM ANTIBODY SATURATION IN VIVO
Michael Raleigh*, Catherine Earley1, Yung Chang2, Paul Pentel1, 1Minneapolis Medical Research Foundation, MN, USA, 2Arizona State University - Tempe, AZ, USA

REAL-TIME ANALYSIS OF ORGANIC GAS-PHASE AND AEROSOL COMPONENTS OF E-CIGARETTES
Stephanie Buehler*, Vladimir Mikhailov, Kandice Cross1, Patrick Callahan1, Robyn Kroeger1, Pamela Clark2, Sydney Gordon1, 1Battelle, Columbus, OH, USA, 2University of Maryland College Park, MD, USA

COMPARING THE ABUSE LIABILITY OF AN E-CIGARETTE REFILL LIQUID AND NICOTINE ALONE USING A RODENT SELF-ADMINISTRATION MODEL
Mark LeSage*, Mylissa Staley, Andrew Harris, Minneapolis Medical Research Foundation, MN, USA

BAC-CHAT-CRE MICE EXHIBIT ALTERED INTRAVENOUS NICOTINE SELF-ADMINISTRATION
Annalee Loeffler, James Fowler, Si Wang, Christie Fowler*, University of California, Irvine, CA, USA

ASSOCIATION BETWEEN SMOKING DURING PREGNANCY AND LOW BIRTH WEIGHT IN MURES COUNTY, ROMANIA
Ion Georgescu*, Monica Tarcea2, Claudia Marginean3, Septimiu Voldazan1, Florina Ruta2, Kristie Foley4, Zoltan Abram5, 1Department of Obstetrics and Gynecology I, County Emergency Hospital Tirgu-Mures, Romania, 2Department of Community Nutrition, University of Medicine and Pharmacy Tirgu-Mures, Romania, 3Department of Epidemiology, University of Medicine and Pharmacy Tirgu-Mures, Romania, 4Department of Social Sciences and Health Policy, Wake Forest School of Medicine, Winston-Salem, NC, USA, 5Department of Hygiene, University of Medicine and Pharmacy Tirgu-Mures, Romania

PROINFLAMMATORY POTENTIAL OF ELECTRONIC CIGARETTE VAPOR COMPARED WITH CONVENTIONAL CIGARETTE SMOKE ON VASCULAR AND IMMUNE CELLS
Anthony Hage*, Will Krause, Seth Kasten, Angela Pechota, Abhijit Ghosh, Jonathan Eliason, Section of Vascular Surgery, Department of Surgery, Jobst Vascular Research Laboratories, University of Michigan Medical School, MI, USA
POS2-105
HIGH CONTENT SCREENING ASSESSMENT OF NICOTINE TOXICITY IN PRIMARY HUMAN BRONCHIAL EPITHELIAL CELLS
Diego Marescotti, Stefano Acali, Carole Mathis, Stefan Frenzel, Julia Hoeng, Manuel Peitsch, Philip Morris International Research and Development, Switzerland

POS2-106
FORMALDEHYDE FROM DIFFERENT FORMAT ELECTRONIC CIGARETTES COMPARED TO THE WHO AIR GUIDELINE
Sandra Costigan*, Johan Sommarstrom, Nicoventures, United Kingdom

POS2-107
THE USE OF MOBILE TOPOGRAPHY DEVICES TO CAPTURE REAL-WORLD E-CIGARETTE VAPING BEHAVIORS
Stephanie Buehler*, Courtney Granville†, Vladimir Mikheev†, Kandice Cross*, Laura Wilson*, Alex Ivanov*, Robyn Kroeger*, Sydney G*, Pamela Clark*, Battelle, Columbus, OH, USA, 1University of Maryland College Park, MD, USA

POS2-108
STANDARDIZED ELECTRONIC-CIGARETTE AEROSOL ALTERS GENOMIC STABILITY OF ORAL EPITHELIAL CELLS
Nicole Sabatelli†, Wojtek Tutak‡, John Ondov*, Joshua Whidden*, Ian Shaffer*, Jeffrey J. Kim*, 1University of Maryland, College Park, MD, USA, 1American Dental Association Foundation, MD, USA, 2University of Maryland, Baltimore County, MD, USA

POS2-109
ENDOGENOUS PITUITARY ADENYLYL CYCLASE ACTIVATING POLYPEPTIDE (PACAP) MAY REGULATE THE MOTIVATIONAL EFFECTS OF NICOTINE
Kabirullah Lutfy*, Andy Tseng*, Prableen Singh†, Paul Marquez‡, Osman Farhad‡, Abdul Hamid‡, 1Department of Pharmaceutical Sciences, College of Pharmacy, Western University of Health Sciences, Pomona, CA, USA, 2UC Riverside, CA, USA, 3WesternU, CA, USA

POS2-110
INTEROCEPTIVE PREDICTIONS AND POSITIVE ALLIES-THESIA IN NICOTINE ADDICTION
Jason Avery*, Kaiping Burrows*, Kara Kerr†, Sahib Khalsa‡, Martin Paulus†, W. Kyle Simmons‡, 1Laureate Institute for Brain Research, OK, USA, 2University of Tulsa, OK, USA

POS2-111
TOBACCO-SPECIFIC N-NITROSAMINES IN U.S. CIGARETTES: ‘PER MG NICOTINE’ YIELD VARIATIONS BY BRAND AND SMOKING MACHINE REGIMEN
Irina Stepanov*, Katrina Yershova, Dorothy Hatsukami, University of Minnesota, MN, USA

POS2-112
SMOKING CARCINOGEN 4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-BUTANONE (NNK), A NICOTINE DERIVATIVE, STIMULATES LUNG CANCER STEM CELLS TO INDUCE LUNG CANCER
George Chen, Department of Surgery, The Chinese University of Hong Kong, Prince of Wales Hospital, Shatin N.T., Hong Kong

POS2-113
ACTIVE AND PASSIVE SMOKING INCREASE EPITHELIAL NORMAL AND CANCER STEMNESS
Jimmy Manyanga*, Vengatesh Ganapathy, The University of Oklahoma Health Sciences Center, OK, USA
POS2-114
GENOMIC BENCHMARK DOSE MODELING FOR TOBACCO PRODUCT TOXICITY_THRESHOLDS
Courtney Granville*, Kyle Fox, David Friedenberg, Jeremy Bellay, Robyn Kroeger, Nathaniel Johnson, Seth Gibbs, Sydney Gordon, Pamela Clark, Battelle, OH, USA, University of Maryland - College Park, OH, USA

POS2-115
CHARACTERIZATION OF MOLECULAR CHANGES OCCURRING DURING LONG-TERM TREATMENT OF HUMAN BRONCHIAL EPITHELIAL CELLS WITH CIGARETTE SMOKE TOTAL PARTICULATE MATTER
Marco van der Toorn, Diego Marecotti, Emmanuel Guedj, Alain Sewer, Manuel Peitsch, Julia Hoeng, Philip Morris International Research & Development, Philip Morris Products S.A., Neuchâtel, Switzerland

POS2-116
CHEMICAL FINGERPRINTING OF TOBACCO AND RELATED PRODUCTS BY TD–GC–TOF MS
Laura McGregor*, Chris Hal, Bob Green, Caroline Widdowson, Nicola Watson, Markes International, United Kingdom, Markes International Inc., OH, USA, Markes International Inc., CA, USA

POS2-117
NICOTINE ENHANCEMENT AND DEVALUATION: INTERACTION WITH OPIOID RECEPTORS
Ari Kirshenbaum, Jesse Suhaka, Maiary Voltolini de Souza Pinto, Jessie Phillips, Saint Michael's College, VT, USA

POS2-118
PREDICTING TOBACCO-USE BEHAVIORS MEASURED DURING A LABORATORY CHOICE PROCEDURE: THE EXTENSION AND REPLICA-ITION OF CHOICE BEHAVIOR UNDER CUED CONDITIONS (CBUCC)
Julie Gass, Stephen Tiffany, University at Buffalo, The State University of New York, NY, USA

POS2-119
TIME TO GENERATE CRAVING ITEM RATINGS AS AN IMPLICIT MEASURE OF CRAVING PROCESSES: A REPLICATION STUDY AND EXPANDED VALIDATION
Lisa Germeroth, Stephen Tiffany, University at Buffalo, The State University of New York, NY, USA

POS2-120
NICOTINE ACTIVATES THE WNT/BETA CATENIN PATHWAY AND INCREASES THE STEMNESS OF HEAD AND NECK CANCER CELLS
Basil Mathews, Jimmy Manyanga, Vengatesh Ganapathy, The University of Oklahoma Health Sciences Center, OK, USA

POS2-121
ACUTE INTERACTING SEROTONERGIC-DOPAMINERGIC TREATMENTS FOR DECREASING NICOTINE SELF-ADMINISTRATION IN RAT
Edward Levin, Brandon Hall, Susan Slade, Corinne Wells, Devon DiPalma, Janeckia Evans, Sonum Tharwani, Blair Willette, Amir Rezvani, Duke University Medical Center, NC, USA

POS2-122
THE IMPACT OF NICOTINE INHALERS AND STIMULUS EXPECTANCIES ON CIGARETTE CRAVING AND SELF-ADMINISTRATION IN SMOKERS THAT VARY IN THEIR QUIT INTENTIONS
Hera Schlagintweit, Niamh Campbell, Sean Barrett, Dalhousie University, NS, Canada
POS2-123
DEVELOPMENT AND FINDINGS FROM AN INSTRUMENT FOR RETAIL POINT OF SALE ASSESSMENT IN YOUTH-FREQUENTED LOCATIONS IN THAILAND
Pornpilai Siripachot1, Sirkanya Wongsunyanan2, Stephen Hamann3, 1Janokrong School, Pitsanulok, Thailand, 2Sirkanya Community Clinic, Bangkok, Thailand, 3Tobacco Control Research and Knowledge Management Center, Thailand

POS2-124
FACTORS RELATED TO MALE SMOKING BY MYANMAR MIGRANT FACTORY WORKERS IN THAILAND
Nan Khin Chaw1, Natkamol Chansatitporn, ScD2, Stephen Hamann, EdD3, 1Mahidol University, Bangkok, Thailand, 2Mahidol University Faculty of Public Health, Bangkok, Thailand, 3Tobacco Control Research and Knowledge Management Center, Bangkok, Thailand

POS2-125
IMPROVING NICOTINE PATCH ADHERENCE AMONG LATINO HIV-POSITIVE SMokers: A PILOT RANDOMIZED CONTROLLED TRIAL
Joan Tucker*,1, William Shadel1, Frank Galvan2, Diana Naranjo1, Christian Lopez3, 1RAND Corporation, CA, USA, 2Bienestar Human Services, Inc., CA, USA
POS3-1
INDICATORS OF DEPENDENCE FOR DIFFERENT TYPES OF TOBACCO PRODUCT USERS: DESCRIPTIVE FINDINGS FROM PATH
David Strong*1, Ray Niaura*2, Jennifer Pearson2, Sarah Ehlke2, Thomas Kirchner2, David Abrams2, Kristie Taylor2, Wilson Compton3, Kevin Conway4, Elizabeth Lambert4, 1University of California, San Diego, CA, USA, 2Legacy, Washington, DC, USA, 3Westat, Rockville, MD, USA, 4National Institute on Drug Abuse (NIDA/NIH), Bethesda, MD, USA

POS3-2
YOUTH ACCESS TO TOBACCO PRODUCTS IN THE UNITED STATES: FINDINGS FROM WAVE 1 (2013-2014) OF THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY
Susanne Tanski*1,2, Jennifer Emond1, Cassandra Stanton3, Thomas Kirchner1, Tsz "Kelvin" Cho1, Ling Yang2, Chase Ryant3, Joelle Robinson6, Andrew Hyland4, 1Geisel School of Medicine at Dartmouth, NH, USA, 2Norris Cotton Cancer Center, NH, USA, 3Westat and Georgetown University, MD, USA, 4New York University, NY, USA, 5National Institute on Minority Health and Health Disparities, MD, USA, 6Food and Drug Administration, Center for Tobacco Products, MD, USA, 7Roswell Park Cancer Center, NY, USA

POS3-3
YOUTH TOBACCO USE IN 2013/14: FINDINGS FROM THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY, WAVE 1
Karin Kasza1, Kevin Conway2, Nicolette Borek2, Eva Sharma3, Maciej Goniewicz3, K. Michael Cummings4, Bridget Ambrose2, Wilson Compton2, Cathy Backinger6, Andrew Hyland4, 1Roswell Park Cancer Institute, NY, USA, 2National Institute on Drug Abuse, MD, USA, 3Office of Science, Center for Tobacco Products, Food and Drug Administration, MD, USA, 4Westat, MD, USA, 5Medical University of South Carolina, SC, USA

POS3-4
Blair Coleman*1, Brian Rostron1, Bridget Ambrose1, Sarah Johnson1, Jennifer Pearson1, Baoguang Wang1, Kevin Conway2, Nicolette Borek2, Wilson Compton2, Andrew Hyland4, 1US Food and Drug Administration, Center for Tobacco Products, MD, USA, 2The Schroeder Institute for Tobacco Research and Policy Studies, Legacy, DC, USA, 3National Institute on Drug Abuse, MD, USA, 4Roswell Park Cancer Institute, NY, USA
POS3-5 AUDIENCE REACTIONS TO ANTISMOKING ADS AND ASSOCIATION WITH QUIT ATTEMPTS AMONG SMOKERS: EVIDENCE FROM THE TIPS FROM FORMER SMOKERS CAMPAIGN


POS3-6 PATTERNS IN AGE OF FIRST SMOKING AND DAILY SMOKING INITIATION AMONG YOUTH AND YOUNG ADULTS FROM 2002 TO 2013

Jennifer Cantrell, DrPH, MPA*, Morgane Bennett, MPH1, Paul Mowery, MA1, James Xiao2, Jessica Rath, PhD1, Elizabeth Hair, PhD, Donna Vallone, PhD, MPH4, 1Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, 2Biostatistics, Inc., GA, USA, 3Truth Initiative, DC, USA, 4Truth Initiative, Johns Hopkins Bloomberg School of Public Health, New York University College of Global Public Health, DC, USA

POS3-7 ARE WE MINDING THE GAP? AN EXAMINATION OF TRENDS IN TOBACCO DISPARITIES BY SOCIOECONOMIC STATUS IN MINNESOTA

Raymond Boyle*, Joanne D’Silva*, Cassandra Stanton1,3, Charles Carusi2, Zhiquin Tang2, 1ClearWay Minnesota, MN, USA, 2Westat, MD, USA, 3Georgetown University Medical Center, MD, USA

POS3-8 GENDER DIFFERENCES IN SELF-REPORTED WITHDRAWAL AND ABSTINENCE FROM SMOKING THREE YEARS LATER: A PROSPECTIVE, LONGITUDINAL STUDY

Christine Lee*, Jonathan Platt1, Jonathan Shuter2, Renee Goodwin2, Andrea Weinberger2, 1Yeshiva University, NY, USA, 2Columbia University, NY, USA, 3Montefiore Medical Center and the Albert Einstein College of Medicine, NY, USA, 4Columbia University and Queens College, NY, USA

POS3-9 IMPACT OF ADVERTISING EXPOSURE FREQUENCY TO TRUTH AND ENGAGEMENT IN ANTISMOKING ACTIVITIES

Jennifer Cantrell, DrPH, MPA1, Haijun Xiao, MS1, Valerie Williams, MA, MS1, Alexandria Smith, MSPH3, Jessica Rath, PhD, MPH1, Vinu Ilakkuvan, MSPH2, Elizabeth Hair, PhD, Donna Vallone, PhD, MPH1, 1Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, 2Truth Initiative, DC, USA, 3Truth Initiative, George Washington University Milken School of Public Health, DC, USA

POS3-10 THE 2014 NATIONAL TIPS FROM FORMER SMOKERS CAMPAIGN: RESULTS FROM A LONGITUDINAL COHORT OF SMOKERS

Deesha Patel*, Linda Neff*, Kevin Davis*, William Ridgeway2, Paul Shafer2, Shanna Cox1, 1Centers for Disease Control and Prevention, GA, USA, 2RTI International, NC, USA

POS3-11 SYSTEMATIC REVIEW OF HEALTH COMMUNICATION FOR NON-CIGARETTE TOBACCO PRODUCTS: STATE OF THE LITERATURE

Jennifer Conracchione*, Seth Noar1, Erin Sutfin1, 1Wake Forest School of Medicine, NC, USA, 2University of North Carolina-Chapel Hill, NC, USA
POS3-12  
PERCEIVED EFFECTIVENESS OF CIGARETTE PACK CONSTITUENT DISCLOSURES: A RANDOMIZED EXPERIMENT  
Seth Noar*, Dannielle Kelley, Marcella Boynton, Jennifer Morgan, Marissa Hall, Jennifer Mendel, Kurt Ribisl, Noel Brewer, University of North Carolina at Chapel Hill, NC, USA

POS3-13  
THE EFFECT OF ADVERSE CHILDHOOD EXPERIENCES ON ADULT SMOKING STATUS  
Alexandra Jones*, Joseph Feinglass, Amanda Matthew, Northwestern University, Feinberg School of Medicine, IL, USA

POS3-14  
DIETARY INTAKES AMONG HEAVY VS. LIGHT SMOKERS FROM THE ALPHA-TOCOPHEROL, BETA-CAROTENE CANCER PREVENTION STUDY COHORT  
Mandeep Virk-Baker*, Stephanie Weinstein, Mark Parascondola*, Demetrius Albanes, Cancer Prevention Fellow, Health Behaviors Research Branch, Division of Cancer Control and Population Sciences, National Cancer Institute, National Institutes of Health, MD, USA, 2Nutritional Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institutes of Health, MD, USA, 3Tobacco Control Research Branch, Division of Cancer Control and Population Sciences, National Cancer Institute, National Institutes of Health, MD, USA

POS3-15  
TOBACCO-RELATED POISON EVENTS IN THE UNITED STATES, 2001-2013  
Baoguang Wang*, Brian Rostron, Martha Engstrom, The United States Food and Drug Administration Center for Tobacco Products, MD, USA

POS3-16  
HEALTH RISKS ASSOCIATED WITH THE USE OF SMOKELESS TOBACCO PRODUCTS: ANALYSIS OF A NATIONALLY REPRESENTATIVE LINKED MORTALITY DATA SET  
Michael Fisher*, Susan Tan-Torres, Mohamadi Sarkar, Altria Client Services, LLC, VA, USA

POS3-17  
DOES E-CIGARETTE USE INCREASE SHORT-TERM CIGARETTE SMOKING ABSTINENCE? RESULTS FROM A COHORT STUDY OF ADULT CIGARETTE SMOKERS IN THE UNITED STATES, 2014  
Ralph Caraballo*, Kevin Davis, Paul Shafer, Timothy McAfee, Deesha Patel, Shanna Cox, Centers for Disease Control & Prevention, GA, USA, 2RTI International, NC, USA, 3Contractor for RTI, NC, USA, 4Centers for Disease Control & Prevention, WA, USA

POS3-18  
DEVELOPMENT OF THE FDA TOBACCO CREDIBILITY SCALE (FDA-TCS)  
Allison Schmidt*, Leah Ranney, Seth Noar, Adam Goldstein, 1University of North Carolina at Chapel Hill Gillings School of Global Public Health, NC, USA, 2University of North Carolina at Chapel Hill School of Medicine, NC, USA, 3University of North Carolina at Chapel Hill School of Media and Journalism, NC, USA
POS3-19
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Sabeeh Baig*, M. Justin Byron, Marcella Boynton, Noel Brewer, Kurt Ribisl, Center for Regulatory Research on Tobacco Communication, UNC Lineberger Comprehensive Cancer Center, UNC Gillings School of Global Public Health, NC, USA

POS3-20
RECALL AND COGNITIVE AND AFFECTIVE REACTIONS TO FDA REAL COST ADS
Marcella Boynton*, Kristen Jarman, Leah Ranney, Jewels Rhode, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA

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POST-QUIT STRESS MEDIATES THE RELATION BETWEEN SOCIAL SUPPORT AND SMOKING CESSATION AMONG SOCIOECONOMICALLY DISADVANTAGED ADULTS
Frank Bandiera*, Folefac Atem, Ping Ma, Michael Businelle, Darla Kendzor, University of Texas School of Public Health, TX, USA

POS3-22
E-CIGARETTE USERS' PERCEPTIONS OF E-CIGARETTE RISKS: A QUALITATIVE ANALYSIS
Meghan Nix*, Kymberle Sterling, Georgia State University, GA, USA

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MASS MEDIA CAMPAIGNS, QUIT ATTEMPTS, AND RISK OF RELAPSE: A LONGITUDINAL POPULATION BASED STUDY
Michael Chailton*, Susan Bondy1, Joanna Cohen2, Robert Schwartz1, Peter Selby1, 1University of Toronto, ON, Canada, 2Johns Hopkins Bloomberg School of Public Health, MD, USA

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POST-QUIT STRESS MEDIATES THE ASSOCIATION BETWEEN SUBJECTIVE SOCIAL STATUS AND SMOKING CESSATION AMONG SOCIOECONOMICALLY DISADVANTAGED SMokers MAKING A QUIT ATTEMPT
Ping Ma*, Darla Kendzor1, Lorraine Reitzel1, Michael Businelle1, 1University of Texas School of Public Health, Dallas, TX, Department of Clinical Sciences, University of Texas Southwestern Medical Center, Dallas, TX, USA, 2University of Houston, Houston, TX, USA

POS3-25
COMMUNITY CHARACTERISTICS MODERATE THE RELATIONSHIP BETWEEN PERSONAL READINESS TO QUIT AND SMOKING CESSATION AMONG TEENS
Kimberly Horn*, Steven Branstetter2, Tiffany Gray1, Mahlia Ali1, 1Milken Institute School of Public Health at The George Washington University, DC, USA, 2Pennsylvania State University, PA, USA

POS3-26
EVALUATING THE IMPACT OF SCHOOL-BASED TOBACCO INTERVENTIONS ON CHANGES TO SUSCEPTIBILITY TO FUTURE SMOKING AMONG NEVER-SMOKING YOUTH IN THE FIRST TWO WAVES OF THE COMPASS STUDY
Adam Cole*, Wei Qian, Scott Leatherdale, University of Waterloo, ON, Canada
POS3-27
EXPANDING EVIDENCE-BASED TOBACCO CESSATION BRIEF INTERVENTION TRAINING INTO COMPLEMENTARY AND ALTERNATIVE SYSTEMS OF CARE: RESULTS OF A PRACTICE-BASED TRIAL
Myra Muramoto*, Judith Gordon, Lysbeth Floden, Amy Howarter, Melanie Bell, Mark Nichter, Cheryl Ritenbaugh, University of Arizona, AZ, USA

POS3-28
STUDIES OF SMOKING AMONG U.S. VETERANS FROM 1994 TO 2014: NUMBER AND TYPES OF PUBLICATIONS
Kate Segal**, Alyssa Burns¹, Sandra Rodgini, Hannah Esan¹, Marcia Hunt², Rani Hoff³, Andrea Weinberger⁴, *Yeshiva University, NY, USA, ¹Yale University School of Medicine, VISN 1 Mental Illness Research Education and Clinical Care Center, CT, USA

POS3-29
Georges Nahhas¹*, Brian Fix², Mary Thompson³, Andrew Hyland², Mike Cummings¹, ¹Medical University of South Carolina, SC, USA, ²Roswell Park Cancer Institute, NY, USA, ³University of Waterloo, ON, Canada

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PUBLIC HOUSING RESIDENCY REDUCES PROTECTIVE EFFECT OF COLLEGE EDUCATION AGAINST CURRENT SMOKING
Andrew Plunk*, Paul Harrell, Eastern Virginia Medical School, VA, USA

POS3-31
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Megan Kelly*, Yves-Martine Dumas², Robert Rosenheck³, ¹Edith Nourse Rogers Memorial Veterans Hospital, University of Massachusetts Medical School, MA, USA, ²Edith Nourse Rogers Memorial Veterans Hospital, MA, USA, ³VA Connecticut Healthcare System, Yale University School of Medicine, CT, USA

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Christelle Chrea¹*, Gerard Emilien¹, Thomas Salzberger², Stefan Canç³, Tom Aliffet⁴, Nelly Mainy⁵, Antonio Ramazzotti⁶, Rolf Weltkunat⁷, Frank Ludicke⁸, ¹Philip Morris Products S.A., Switzerland, ²University of Economics and Business, Vienna, Switzerland, ³Scale Report, Switzerland, ⁴Covance Market Access Inc, CA, USA, ⁵Philip Morris S.A. Market Research & Innovation, Switzerland, ⁶Philip Morris S.A., Switzerland

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Maria Edelen¹*, Mark Hansen², Li Cai³, Megan Kuhfeld³, Brian Stucky⁴, ¹RAND Corporation, MA, USA, ²University of California, Los Angeles, CA, USA, ³RAND Corporation, CA, USA
POS3-34
ARE THERE DIFFERENT TYPES OF SMOKERS WHO ARE NOT MOTIVATED TO QUIT? RESULTS FROM A LATENT CLASS ANALYSIS
Belinda Borrelli*, Sheila Gaynor2, Erin Tooley2, Kiera Bartlett3, 1Boston University, Henry M. Goldman School of Dental Medicine and The University of Manchester, MA, USA, 2Harvard T.H. Chan School of Public Health, MA, USA, 3Roger Williams University, MA, USA, 4The University of Manchester, United Kingdom

POS3-35
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Judith Prochaska*, Anne Michalek1, Cat Brown-Johnson1, Amy Rogers2, Timothy McClain1, Mia Grigg1, Richard Johnson6, 1Stanford University, CA, USA, 2San Francisco Department of Veteran Affairs, CA, USA, 3Marin Employment Connection, CA, USA, 4Buckelew Programs Residential Support Services, CA, USA, 5San Francisco Employment Development Department, CA, USA

POS3-36
TRANSITIONS IN LATENT PATTERNS OF USE AND CO-USE OF FIVE TOBACCO PRODUCTS AMONG ADOLESCENTS
Jimi Huh*, Adam Leventhal, University of Southern California, CA, USA

POS3-37
REGIONAL DIFFERENCES ON TOBACCO RELATED ATTITUDES AND TRUTH AWARENESS
Jessica Rath*, Elizabeth Hair, Lindsay Pitzer, Alexandria Smith, Jennifer Cantrell, Donna Vailone, 1Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, 2Truth Initiative, DC, USA, 3Truth Initiative, New York University College of Global Public Health, DC, USA

POS3-38
RETAIL MARKETING CLAIMS IN TOBACCO AND E-CIGARETTE SHOPS
Joshua Yang*, David Timberlake, 1California State University, Fullerton, CA, USA, 2University of California, Irvine, CA, USA

POS3-39
USING MARKERS OF NEIGHBORHOOD STABILITY TO EXPLAIN DISPARITIES IN TOBACCO RETAILER DENSITY: EVIDENCE FROM A U.S. STUDY
Joseph Lee*, Nina Schleicher, Dennis Sun, Kurt Ribisl, Douglas Luke, Lisa Henriksen, 1East Carolina University, NC, USA, 2Stanford University, CA, USA, 3University of North Carolina at Chapel Hill, NC, USA, 4Washington University in St. Louis, MO, USA

POS3-40
DO TARGETED OUTREACH METHODS INCREASE SMOKERS' RE-ENGAGEMENT IN QUITLINE SERVICES? RESULTS FROM A RANDOMIZED QUALITY IMPROVEMENT PROJECT
Katrina Vickerman*, Stacey Mahuna-Brantner, Paula Keller, Marietta Dreher, 1Alere Wellbeing, Inc., WA, USA, 2ClearWay Minnesota, MN, USA
POS3-41
LIGHT SMOKING AMONG COLLEGE STUDENTS: A POTENTIAL GATEWAY TO RISKY SOCIAL CONTEXTS AND ALTERNATIVE TOBACCO USE
Xiaoyin Li*1, Alexandra Loukas1, Cheryl Perry2, 1The University of Texas at Austin, TX, USA, 2The University of Texas Health Science Center at Houston, School of Public Health - Austin Regional Campus, TX, USA

POS3-42
DO E-CIGARETTES SUBSTITUTE FOR CIGARETTES OR ADD TO THE PREVALENCE OF ADOLESCENT TOBACCO PRODUCT USE? INSIGHTS FROM TWO DECADES OF SOUTHERN CALIFORNIA STUDIES
Jessica Barrington-Trimis*1, Robert Urman, Adam Leventhal, W. James Gauderman, Tess Boley Cruz, Tamika Giretheal, Jennifer Unger, Kiros Berhane, Jonathan Samel, Rob McConnell, University of Southern California, CA, USA

POS3-43
ILLUSTRATING THE CHANGING TOBACCO LANDSCAPE: RISK CHARACTERIZATIONS OF YOUTH SINGLE, DUAL, AND POLY TOBACCO USERS
Kimberly Horn*, Maliai Ali, Laurel Curry, Tiffany Gray, Diane Martinez, Milken Institute School of Public Health at George Washington University, DC, USA

POS3-44
IMPACT OF FLAVORS IN TOBACCO PRODUCTS ON PERCEPTION AND USE BEHAVIORS: A SYSTEMATIC REVIEW
Li-Ling Huang*, Clare Meernik, Hannah Baker, Leah Ranney, Amanda Richardson, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA

POS3-45
A MODEL OF PARENTAL INFLUENCES ON ADOLESCENT SMOKING IN THE U.S. POPULATION
Denise Kandel*1,2,3, Mei-Chen Hu*, Pamela Griesler1,2, 1Department of Psychiatry, Columbia University, NJ, USA, 2New York State Psychiatric Institute, NJ, USA, 3Mailman School of Public Health, Columbia University, NY, USA

POS3-46
EXAMINING COMPLEXITY IN YOUTH USE OF E-CIGARETTES AND OTHER TOBACCO PRODUCTS
Youn Ok Lee*, Anna MacMoonegle1, Jennifer Duke1, Lauren Porter*, 1RTI International, NC, USA, 2The Bureau of Tobacco Free Florida, FL, USA

POS3-47
PREDICTORS OF ADOLESCENTS’ FIRST TOBACCO PRODUCT AND ASSOCIATIONS WITH CURRENT TOBACCO USE
Jennifer Comacchiione*, Cynthia Suerken*, Kimberly Wiseman*, Seth Noar*, Kimberly Wagoner*, Erin Sutfin, 1Wake Forest School of Medicine, NC, USA, 2University of North Carolina-Chapel Hill, NC, USA

POS3-48
EMPIRICALLY-DRIVEN LATENT CLASSES OF “SOCIAL SMOKERS” IN U.S. YOUNG ADULTS
Amanda Johnson, MHS1, Jessica Rath, PhD MPH2,3, Valerie Williams, MA, MS,3 Donna Vallone, PhD MPH2,3,4, David Abrams, PhD1,2,5, Donald Hedeker, PhD6, Robin Mermelstein, PhD6, 1The Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, DC, USA, 2Johns Hopkins Bloomberg School of Public Health, 3Truth Initiative, DC, USA, 4Global Institute of Public Health, New York University, DC, USA, 5Georgetown University Medical Center, Lombard Com-
Preprehensive Medical Center, DC, USA, 6University of Chicago, IL, USA, 7University of Illinois at Chicago, IL, USA

POS3-49 ASSESSING REAL-WORLD EXPOSURE TO DIGITAL VIDEO ADVERTISING FROM A NATIONAL TOBACCO EDUCATION CAMPAIGN

Kevin Davis1, Deesha Patel2, Paul Shafer3, Robert Rodes3, Tim McAfee4, William Ridgeway5, Shanna Cox2, Diane Beistle6, Annice Kim7, Jamie Guillory8, 1RTI International, NC, USA, 2CDC, GA, USA

POS3-50 IMPACT OF STANDARDISED PACKAGING RELATIVE TO A TOBACCO PRICE INCREASE: RESULTS OF TWO EXPERIMENTS

Janet Hoek1*, Philip Gendall2, Christine Eckert2, Tessa Farley4, Jordan Louviere3, Nick Wilson4, Richard Edwards5, 1University of Otago - Dunedin, New Zealand, 2University of Technology Sydney, Australia, 3University of South Australia, Australia, 4University of Otago - Wellington, New Zealand

POS3-51 UNDERSTANDING THE SPATIAL RELATIONSHIP BETWEEN TOBACCO RETAILERS AND SCHOOLS

Andrew Anesetti-Rothermel, PhD, MPH1, Kimberly Horn, EdD2, Thomas Kirchner, PhD3, 1Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, DC, USA, 2The Milken Institute School of Public Health, The George Washington University, DC, USA, 3College of Global Public Health, New York University, NY, USA

POS3-52 U.S. ADULT PERCEPTIONS OF THE HARMFULNESS OF TOBACCO PRODUCTS: DESCRIPTIVE FINDINGS FROM WAVE 1 OF THE PATH STUDY, 2013-14

Geoffrey Fong1*,2, Tara Elton-Marshall3, Pete Driezen4, Annette Kaufman5, K Michael Cummings6, Kelvin Che6, Jonathan Kwan1, Amber Koblitz2, Andrew Hyland3, Maansi Bansal-Travers4, 1University of Waterloo, Waterloo, Ontario, Canada, 2Ontario Institute for Cancer Research, Toronto, Ontario, Canada, 3Centre for Addiction and Mental Health, London, Ontario, Canada, University of Toronto, Toronto, Ontario, Canada, 4Western University, London, Ontario, Canada, 5National Cancer Institute, National Institutes of Health, Rockville, MD, USA, 6Medical University of South Carolina, Charleston, SC, USA, 7National Institute on Minority Health and Health Disparities, Bethesda, MD, USA, 8United States Food and Drug Administration, Center for Tobacco Products, Silver Spring, MD, USA, 9Roswell Park Cancer Institute, Buffalo, NY, USA

POS3-53 CO-OCCURRENCE OF TOBACCO USE, SUBSTANCE USE, AND SYMPTOMS OF MENTAL HEALTH PROBLEMS AMONG YOUTH: FINDINGS FROM WAVE 1 OF THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY

Kevin Conway1*, Victoria Green2, Karin Kasza3, Marushka Silveira4, Nicolette Borek4, James Sargent5, Cassandra Stanton6, Chad Reissig7, Andrew Hyland2, Wilson Compton8, 1National Institute on Drug Abuse, MD, USA, 2Kelly Government Solutions, DC, USA, 3Roswell Park Cancer Institute, NY, USA, 4Food and Drug Administration, MD, USA, 5Dartmouth University, NH, USA, 6Westat, MD, USA
POS3-54
A QUALITATIVE ANALYSIS OF SMOKEFREE MESSAGES TARGETING LGBA SMOKERS
Catherine Hinder, University of Otago, Dunedin, New Zealand

POS3-55
CAN A SMARTPHONE GAME FOR TOBACCO ADDICTION BE USED FOR SMOKING CESSATION IN AN AMERICAN SETTING?
Elizabeth Edwards*, Carol Ripley-Moffitt*, Anna McCullough*, Carol Rivas*, Maia Szulik*, Liz Steed*, Ratna Sohanpal*, Hope Caton*, Adam Goldstein*, Robert Walton*, Bart’s and The London School of Medicine and Dentistry, United Kingdom, University of North Carolina, School of Medicine, NC, USA, University of Southampton, United Kingdom, *Kingston University, United Kingdom

POS3-56
ANALYSIS OF U.S. NEWSPAPER COVERAGE OF TOBACCO CONTROL POLICIES AFFECTING THE RETAIL ENVIRONMENT, 2007-2014
Kurt Ribisl†, Sarah Moreland-Russell, Lytle Leslie, University of North Carolina at Chapel Hill, NC, USA, Washington University in St. Louis, MO, USA

POS3-57
COULD ANNOUNCING A BAN ON TOBACCO USE ON CAMPUSES REDUCE STUDENTS PERCEIVED ORGANIZATIONAL SUPPORT FROM THE UNIVERSITY?
Joseph Lee*, Beth Chaney, Amanda Fallin, East Carolina University, NC, USA, University of Kentucky, KY, USA

POS3-58
SEXUAL IDENTITY AND AWARENESS OF A NATIONAL ANTI-TOBACCO CAMPAIGN
Elizabeth Hair, PhD, Donna Vallone, Ph.D., MPH, Jessica Rath, Ph.D., MPH, Jennifer Cantrell, Dr.PH, MPA, Valerie Williams, MA, MS, Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, Truth Initiative, Johns Hopkins Bloomberg School of Public Health, New York University, DC, USA, Truth Initiative, DC, USA

POS3-59
TESTING ANTI-TOBACCO MEDIA MESSAGES: HOW PREDICTIVE IS PRE-MARKET DATA FOR IN-MARKET EFFECTIVENESS?
Jessica Rath*, Ollie Ganz, Elizabeth Hair†, Haijun Xiao, Jennifer Cantrell, Donna Vallone, Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, Truth Initiative, George Washington University Milken School of Public Health, DC, USA, Truth Initiative, DC, USA, Truth Initiative, College of Global Public Health New York University, DC, USA

POS3-61
LESSONS LEARNED FROM A SPANISH SMOKING CESSATION WEBSITE
Emily Grenen*, Brian Keefe*, Kara Wiseman**, Kisha Coa**, Meredith Grady, Erik Augustson, ICF International, MD, USA, National Cancer Institute, MD, USA

POS3-62
PLAIN PACKAGING IMPLEMENTATION: PERCEPTIONS OF RISK AND PRESTIGE OF CIGARETTE BRANDS AMONG ABORIGINAL AND TORRES STRAIT ISLANDER PEOPLE
Raglan Maddox*, Sarah Durkin, Raymond Lovett, St Michael’s Hospital, Australia, The Cancer Council Victoria, Australia, Australian National University, Australia
POS3-63
ELECTRONIC CIGARETTE ADVERTISING: DATA ON ADVERTISING EXPENDITURES OVER TIME
Brittany Emelle, BS, CHES*1, Ollie Ganz, MSPH1, Jennifer Cantrell, DrPH, MPH2, Elizabeth Hair, PhD2, Donna Vallone, PhD, MPH3, 1Truth Initiative, George Washington University Milken Institute of Public Health, DC, USA, 2Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, 3Truth Initiative, Johns Hopkins Bloomberg School of Public Health, New York University, DC, USA

POS3-64
OLDER YOUNG ADULTS AS A SECONDARY AUDIENCE FOR THE TRUTH CAMPAIGN
Jessica Rath*1, Elizabeth Hair1, Amanda Johnson2, Andrea Villanti1, Valerie Williams2, Donna Vallone3, 1Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, 2Truth Initiative, DC, USA, 3Truth Initiative, New York University College of Global Public Health, DC, USA

POS3-65
USING CELEBRITIES IN SOCIAL MEDIA MARKETING: EVALUATING RESPONSES TO TRUTH® ‘LEFTSWIPEDAT’ AND ‘UNPAID SPOKESPERSON’ ADS ON TWITTER
Kari Peterson*1, Glen Szczypka1, Vinu Ilakkuvan2, Elizabeth Hair3, Donna Vallone4, Sherry Ermery5, 1University of Illinois Institute for Health Research and Policy, IL, USA, 2Legacy for Health, DC, USA

POS3-66
SMOKING SELFIES: USING INSTAGRAM TO EXAMINE SMOKING BEHAVIOR
Glen Szczypka*1, Daniel Cortese2, Shuai Wang3, Vinu Ilakkuvan1, Elizabeth Hair1, Donna Vallone3, Sherry Ermery4, 1University of Illinois at Chicago, IL, USA, 2Governors State University, IL, USA, 3Legacy for Health, DC, USA, 4University of Illinois, IL, USA

POS3-67
THE ADDITIVE IMPACT OF TIPS AND FREE STATE-BASED NRT TO MAXIMIZE STATE QUITLINE CALL VOLUME
Anna McCullough*1, Clare Meernik1, Joyce Swetlick2, Ann Staples3, Adam Goldstein4, Leah Ranney1, 1University of North Carolina at Chapel Hill, NC, USA, 2North Carolina Department of Health and Human Services, NC, USA

POS3-68
IDENTIFYING WAYS TO BOLSTER SUPPORT FOR ANTI-SMOKING CAMPAIGNS FOR VULNERABLE POPULATIONS
Sabeeh Baig*, Jessica Pepper, Jennifer Morgan, Noel Brewer, Center for Regulatory Research on Tobacco Communication, UNC Lineberger Comprehensive Cancer Center, UNC Gillings School of Global Public Health, NC, USA

POS3-69
DELIVERING PERSONALIZED ON-DEMAND CESSATION CONTENT: THE MYSMOKEFREE DASHBOARD EXPERIENCE
Brian Keefe1, Josh Delung1, Jillian Pugatch1, Jessica Havlak1, Kisha Coa1, Meredith Grady1, Kara Wiseman1, Erik Augustson2, 1ICF International, MD, USA, 2National Cancer Institute, MD, USA

POS3-70
ENGAGING SMOKE TO IMPROVE SMOKING CESSATION OUTCOMES: QUIT AND STAY QUIT MONDAY
Joanna Cohen*1, Elaine De Leon1, Norah Crossnohere1, Laura Fuentes1, Morgan Johnson2, 1Johns Hopkins Bloomberg School of Public Health, MD, USA
POS3-71
EXPOSURE TO “REAL COST” TV ADS IS SPECIFICALLY ASSOCIATED WITH CAMPAIGN-TARGETED BELIEFS
Elissa Kranzler*, Robert Hornik, Laura Gibson, Annenberg School for Communication, University of Pennsylvania, PA, USA

POS3-72
E-CIGARETTE MARKETING AND YOUTH INTENTIONS TO USE E-CIGARETTES AMONG YOUTH LEAST SUSCEPTIBLE TO TOBACCO
Laura Gibson*, Robert Hornik, University of Pennsylvania, PA, USA

POS3-73
TOBACCO 101: THE DEVELOPMENT AND PILOT OF AN ONLINE TOBACCO PREVENTION CURRICULUM FOR COLLEGE STUDENTS
Emily Hébert1, José Medina, Cheryl Perry1, Melissa Harrell1, 1University of Texas Health Science Center, School of Public Health, Austin Regional Campus, TX, USA

POS3-74
IMPACT OF THE REAL COST CAMPAIGN ON ADOLESCENTS’ RECALL, ATTITUDES, AND RISK PERCEPTIONS ABOUT TOBACCO USE: A NATIONAL STUDY
Li-Ling Huang*, Jessica Pepper, Seth Noar, Leah Ranney, Thad Benefield, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA

POS3-75
DOES EMPHASIZING THE HARMFUL CHEMICALS IN CIGARETTE SMOKE INCREASE SMOKERS’ INTEREST IN SWITCHING TO ORGANIC, NATURAL, AND ADDITIVE-FREE CIGARETTES?
M. Justin Byron*, Sabeeh Baig, Jessica Pepper, Noel Brewer, Lineberger Comprehensive Cancer Center and Gillings School of Global Public Health, University of North Carolina at Chapel Hill, NC, USA

POS3-76
SOCIAL MEDIA ON E-CIGARETTE CESSATION AID EFFECTIVENESS
Robert Schwartz*, Jan van der Tempel, Aliya Noormohamed, Cameron Norman, Muhammad Malas, University of Toronto, ON, Canada

POS3-77
EYE TRACKING THE REAL COST CAMPAIGN: ARE SUSCEPTIBLE YOUTH SEEING WHAT WE WANT THEM TO SEE?
Leah Ranney**, Kristen Jarman2, Clare Meernik1, Liling Huang2, Jeanette Porter2, Laura Rue2, Spencer Barnes2, Seth Noar2, Adam Goldstein1, 1University of North Carolina at Chapel Hill, Department of Family Medicine, NC, USA, 2University of North Carolina at Chapel Hill, Lineberger Comprehensive Cancer Center, NC, USA, 3University of North Carolina at Chapel Hill, School of Media and Journalism, NC, USA

POS3-78
YOUNG ADULTS’ TOBACCO USE AND EXPOSURE TO TOBACCO MARKETING IN BARS
Keryn Pasch2, Alexandra Loukas2, Cheryl Perry2, 1University of Texas Health Science Center, TX, USA, 2University of Texas at Austin, TX, USA
POS3-79 MINNESOTA MEDICAL STUDENTS’ ATTITUDES AND EXPERIENCES WITH E-CIGARETTES, 2015
Sharon Allen1, Kola Okuyemi2, Ellen Parker2, David Power3, 1University of Minnesota Medical School, MN, USA, 2Twin Cities Medical Society, MN, USA

POS3-80 SELF-EVALUATION OF TOBACCO EXPOSURE BY ALLIED HEALTH STUDENTS IN A COMMUNITY COLLEGE ENVIRONMENT
Fiona Geiser*, Meredith Much, Thomas Furmanak, Delaware County Community College, PA, USA

POS3-81 “MAY I BUY A PACK OF MARLBOROS, PLEASE?” A SYSTEMATIC REVIEW OF EVIDENCE TO IMPROVE THE VALIDITY AND IMPACT OF YOUTH UNDERCOVER BUY INSPECTIONS
Joseph Lee1, Kyle Gregory2, Hannah Baker3, Leah Ranney2, Adam Goldstein1, 1East Carolina University, NC, USA, 2Georgia State University, GA, USA, 3University of North Carolina at Chapel Hill, NC, USA

POS3-82 LEARNING FROM THE EVALUATION OF ONTARIO’S WORKPLACE-BASED CESSATION DEMONSTRATION PROJECTS
Pamela Kaufman*, Tracey Borland, Rita Luk, Emily Taylor, Robert Schwartz, University of Toronto, ON, Canada

POS3-83 NO MENTHOL SUNDAY: ENGAGING FAITH LEADERS TO RAISE AWARENESS AND MOTIVATE ACTION ON MENTHOLATED TOBACCO
Sterling Fulton1, Anna McCullough1, Hannah Baker1, Delmonte Jefferson2, Channte Keith2, Leah Ranney1, Adam Goldstein1, 1University of North Carolina at Chapel Hill, NC, USA, 2National African American Tobacco Prevention Network, NC, USA

POS3-84 CAN A USER NEED BASED AND USER DRIVEN APPROACH OF EDUCATING RURAL POPULATIONS IN INDIA HELP THEM TO QUIT THE USE OF SMOKELESS TOBACCO (SLT)?
Mira Aghi*, Healis Sekhsaria Institute of Public Health, India

POS3-85 CREATING SMOKE-FREE HOMES FOR INFANTS AND INCREASING QUITTING AMONG FATHERS THROUGH EDUCATION AND MHEALTH INTERVENTIONS IN CHANGCHUN, CHINA: A PROSPECTIVE, RANDOMIZED, CONTROLLED COHORT STUDY
Erik Augustson1, Pamela Redmon2, Yixin Duan2, Zongshuan Duan2, Jeffrey Koplan3, 1National Cancer Institute, MD, USA, 2Georgia State University, GA, USA, 3Emory University, GA, USA

POS3-86 THE NEED FOR ADOLESCENT TOBACCO CESSATION TOOLS AND TRAINING AMONG MISSOURI SCHOOL NURSES
Kevin Everett, University of Missouri, MO, USA
POS3-88
DOES E-CIGARETTE USE AT BASELINE INFLUENCE CES-
SATION RATES AMONGST COMMUNITY COLLEGE STU-
DENTS? PRELIMINARY FINDINGS FROM THE WATI STUDY
Erika Snow*, Tye Johnson, Deborah Ossip, Scott McIntosh,
University of Rochester Medical Center, NY, USA

POS3-89
PREDICTORS OF BIOCHEMICALLY-VERIFIED ABSTI-
NENCE FROM SMOKING IN A NATIONAL SAMPLE OF
COMMUNITY COLLEGE SMOKERS
George Asharn1, Tye Johnson2, Erika Snow2, Janice Ger-
loff2, Chad Lerner2, Isaac Sundar2, Deborah Ossip2, Irfan
Rahman2, Scott McIntosh*2, 1University of Rutgers, NJ, USA,
2University of Rochester Medical Center, NY, USA

POS3-90
CONSULTATION WITH E-CIGARETTE RETAILERS RE-
GARDING PRODUCT CHOICE FOR AN E-CIGARETTE
SMOKING CESSATION TRIAL
Natalie Walker1, Oliver Knight-West**, Murray Laugesen2,
George Laking2, Chris Bullen1, 1University of Auckland, New
Zealand, 2Health New Zealand, New Zealand, 3Auckland
District Health Board, New Zealand

POS3-91
UNDERSTANDING CANCER-RELATED RISK BEHAVIORS
AMONG AFRICAN AMERICAN COLLEGE STUDENTS
ATTENDING HISTORICALLY BLACK COLLEGES AND
UNIVERSITIES
Onyinye Nduaguba*, Kentya Ford1, Shan Jiang1, Angela Me-
shack*, Tolani Ogunsanya1, 1The University of Texas at Austin
College of Pharmacy, TX, USA, 2Texas Southern University,
TX, USA

POS3-92
CAN SMOKING BANS IN MULTI-UNIT HOUSING CREATE
OPPORTUNITIES FOR SMOKING CESSATION?
Alan Geller*, Jessica Davine, Christine Simon, Robyn Keske,
Vaughan Rees, Harvard T.H. Chan School of Public Health,
MA, USA

POS3-93
SUCCESSFUL TOBACCO REDUCTION IN ABORIGINAL
COMMUNITIES: A SYSTEMATIC REVIEW
Robert Schwartz**, Alexa Minichielo*, Ayla Lefkowitz2,
Michelle Firestone3, Janet Smylie3, 1University of Toronto,
ON, Canada, 2Ontario Tobacco Research Unit, University of
Toronto, ON, Canada, 3St Michael’s Hospital, University of
Toronto, ON, Canada

POS3-94
COMMUNITY COLLEGE STUDENTS AND ENGAGEMENT
WITH WEB ASSISTED TOBACCO INTERVENTION
Scott McIntosh*, Tye Johnson1, Mark Campbell2, Kelly
Carpenter2, Erika Snow1, Deborah Ossip1, 1University of Roch-
ester Medical Center, NY, USA, 2Alere Wellbeing, WA, USA

POS3-95
IMPLEMENTING A SMOKING AWARENESS AND CESSA-
TION PROGRAM AT A CANADIAN POST-SECONDARY
INSTITUTION OVER THE SUMMER
Adam Cole*, Darly Dash, University of Waterloo, ON, Canada
POS3-96
AUTHENTICITY AND BALANCE: THE USE AND CONSEQUENCES OF DIFFERENT CONVERSATIONAL STRATEGIES IN SEQUENTIAL SESSIONS OF THE NHS COMMUNITY PHARMACY SMOKING CESSATION SERVICE
Ratna Sohanpal, Liz Steed, S Taylor, Robert Walton, Bart's and The London School of Medicine and Dentistry, United Kingdom

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Christine Garver-Apgar*, Susan Young, Brenda Howard, Ben Udochi, Chad Morris, 1University of Colorado, Anschutz Medical Campus, CO, USA, 2Arkansas Department of Human Services, Division of Child Care and Early Childhood Education, AR, USA, 3Arkansas Community Corrections, AR, USA

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Eleanor Leavens*, Ellen Meier, Alayna Tackett, Theodore Wagener, 1Oklahoma Tobacco Research Center Oklahoma State University, OK, USA, 2Oklahoma Tobacco Research Center The University of Oklahoma Health Sciences Center, OK, USA

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Eric Freundt, Alexandra Ferrer, Zachery Rivera*, University of Tampa, FL, USA

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Julianna Nemeth*, Bo Lu, Amy Bonomi, Tiffany Thomson, Juan Peng, Mary Ellen Wewers, 1Ohio State University, OH, USA, 2Michigan State University, MI, USA

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Nan Jiang*, Sai Yin Ho, Man Ping Wang, Lok Tung Leung, Tai Hing Lam, University of Hong Kong, Hong Kong

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Frank Bandiera*, Shervin Assari, 1University of Texas School of Public Health, TX, USA, 2University of Michigan, MI, USA

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John Kingsbury, Michael Parks, Michael Amato, Raymond Boyle, Minnesota Department of Health, MN, USA, ClearWay Minnesota, MN, USA

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Katrina Vickerman, Gillian Schauer, Ann Malarcher, Lei Zhang, Paul Mowery, Chelsea Nash, Alere Wellbeing, Inc., WA, USA, Carter Consulting, Inc. contractor to Office on Smoking and Health, Centers for Disease Control and Prevention, WA, USA, Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA, Biostatistics, Inc., FL, USA

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Kristin Brikmanis, Neal Doran, University of California, San Diego, CA, USA

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Lynn Kozlowski*, D. Lynn Homish, Gregory Homish, University at Buffalo, NY, USA

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Sharon Lipperman-Kreda*, Rachelle Annechino, Tamar Antin, Malisa Young, Prevention Research Center, Pacific Institute for Research and Evaluation, CA, USA

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Gillian Schauer1, Ann Malarcher, Stephen Babb, 1Carter Consulting contractor to: Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA, 2Carter Consulting, GA, USA, 3Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA
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Miranda Jones*, Corinne Joshu, Ana Navas-Acien, Elizabeth Platz, Johns Hopkins Bloomberg School of Public Health, MD, USA

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Nan Jiang*, Maria Elena Gonzalez, Pamela Ling*, Kelly Young-Wolf, Stanton Glantz, 1University of Hong Kong, Hong Kong, 2University of California Merced, CA, USA, 3University of California, San Francisco, CA, USA, 4Kaiser Permanente Northern California, CA, USA

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Steven Branstetter*, William Horton1, Melissa Mercincavage2, Orfeu Buxton1, 1The Pennsylvania State University, PA, USA, 2University of Pennsylvania, PA, USA

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Tushar Singh1, Amal Jama2, Erin O'Connor, Saida Sharapova1, Sara Kennedy1, Israel Agaku1, 1Centers for Disease Control and Prevention, GA, USA, 2DB Consulting, GA, USA, 3RTI International, GA, USA

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Meghan Moran*, Jennifer Unger2, Jazmyne Sutton3, Sandra Ball-Rokeach4, Sheila Murphy4, Lourdes Baezconde-Garbanati5, Johns Hopkins Bloomberg School of Public Health, MD, USA, Keck School of Medicine, University of Southern California, CA, USA, Annenberg School for Communication, University of Pennsylvania, PA, USA, Annenberg School for Communication & Journalism, University of Southern California, CA, USA

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Jonathan Macy*1, Laurie Chassin2, Clark Presson3, Joshua Brown4, 1Indiana University, IN, USA, 2Arizona State University, AZ, USA

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Sara Kennedy5, Ralph Caraballo6, James Tsai7, Italia Rolle8, 1RTI International, GA, USA, 2Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA

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Robert McMillen9, Regina Whitmore1, Jonathan Winickoff1, Karen Wilson1, Jonathan Klein1, Susanne Tanski2, 1Mississippi State University, MS, USA, 2American Academy of Pediatrics, IL, USA, 3MGH Division of General Academic Pediatrics, MA, USA, 4Children’s Hospital Colorado, University of Colorado, CO, USA, 5Geisel School of Medicine at Dartmouth, NH, USA

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Iozsef Lorand Ferencz1, Zoltan Abbram1, Lorand Schmidt2, Peter Balazs3, Kristie Foley4, 1University of Medicine and Pharmacy Targu Mures, Romania, 2General Directorate of Social Assistance and Child Protection of Mures County, Targu Mures, Romania, 3Semmelweis University, Budapest, Hungary, 4Wake Forest University Medical School, NC, USA

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Shu-Hong Zhu*, Sharon Cummins, Yue-Lin Zhuang, Lesley Copeland, University of California, San Diego, CA, USA

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Lise Skov-Ettrup*1, Børge Nordestgaard2, Janne Tolstrup3, 1University of Southern Denmark - Copenhagen, Denmark, 2Copenhagen University Hospital - Herlev, Denmark, 3University of Southern Denmark, Denmark

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Michael Amato, PhD*, Raymond Boyle, PhD, Becky Lien, MPH, 1ClearWay Minnesota, 2Professional Data Analysts

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Amy Cohn, PhD*, Amanda Johnson, MHS, Sarah Ehlike, MA, MS, Andrea Villanti, PhD, MPH, Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, Georgetown University Medical Center, Johns Hopkins Bloomberg School of Public Health

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Scott Weaver, PhD*1, Terry Pechacek, PhD, MA1, Bonnie Halpern-Felsher, PhD, FSAHM1, Ban Majeed, PhD, MPH, MSc1, Paul Slovic, PhD, MA2, 1Georgia State University, 2Stanford University, 3Decision Research, Inc.

ALTERNATIVE NICOTINE DELIVERY SYSTEMS (ANDS) SURVEILLANCE IN THE UK: THE INTERNATIONAL TOBACCO CONTROL UK PROJECT AND OTHER UK SURVEYS

Sara Hitchman, MASc, PhD*1, Geoffrey Fong, PhD2, Ann McNeill, PhD3, Leonie Brose, Ph.D4, Shannon Gravely, Ph.D3, Hazel Cheeseman4, Linda Bauld, Ph.D3, 1King’s College London, 2University of Waterloo, 3Action on Smoking and Health, 4University of Stirling

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Cristine Delnevo, PhD, MPH*1, Daniel Gundersen, PhD1, Daniel Giovenco, MPH1, Michelle Bover-Manderski, MPH1, Gary Giovino, PhD, MS2, 1Rutgers School of Public Health, 2University of Buffalo

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Brian King, PhD, MPH*, Office on Smoking and Health at the Centers for Disease Control and Prevention

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Andrea Villanti, PhD, MPH*1,2, Amanda Johnson, MHS1, Jennifer Pearson, PhD, MPH1,2, Daniel Giovenco, MPH1, Cristine Delnevo, PhD, MPH1, 1Schroeder Institute for Tobacco Research and Policy at Truth Initiative, 2Rutgers School of Public Health-Center for Tobacco Studies, 3Rutgers, The State University of New Jersey

TOBACCO CONSUMPTION AND HARM EXPOSURE OF CIGARETTE SMOKERS SWITCHING TO ELECTRONIC CIGARETTES

Kim Pulvers, PhD, MPH*1, Ashley Emami, MA1, Devan Rome- ro, DrPH1, Nicole Nollen, PhD2, Neal Benowitz, MD3, Jasjit Ahluwalia, MD, MPH, MS1, 1California State University San Marcos, 2University of Kansas School of Medicine, 3University of California, San Francisco School of Medicine, 4Rutgers, The State University of New Jersey

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Carol Cunradi, MPH, PhD*, Roland Moore, PhD, Robynn Battle, MPH, EdD, Prevention Research Center, Pacific Institute for Research and Evaluation, Oakland CA, USA
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Carol Cunradi, MPH, PhD*, Roland Moore, PhD, Robynn Battle, MPH, EdD, Prevention Research Center, Pacific Institute for Research and Evaluation, Oakland CA, USA

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Georges Khalil*, Alexander Prokhorov, The University of Texas M. D. Anderson Cancer Center, TX, USA

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Georges Khalil*, Alexander Prokhorov, Helen Wang, ¹The University of Texas M. D. Anderson Cancer Center, TX, USA, ²University at Buffalo, the State University of New York, NY, USA
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Zoubida Zaidi*, Mokhtar Hamdi Cherif. 1University of Setif-Algeria, Algeria, 2University Hospital of Setif-Algeria

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Lauren Dutra*, Rachel Grana1, Stanton Glantz1, 1University of California, San Francisco, CA, USA, 2National Cancer Institute, DC, USA

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Youn Ok Lee*, Ashley Richards1, Amanda Smith1, Ban Ma-jeed2, 1RT1 International, NC, USA, 2Georgia State University, GA, USA

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Oliver Knight-West*, Chris Bullen, Natalie Walker, University of Auckland, New Zealand

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Darly Dash*, Neill Baskerville2, John Garcia1, 1School of Public Health and Health Systems, ON, Canada, 2Propel Centre for Population Health Impact, ON, Canada

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Meghan Moran*, Jennifer Unger1, Carmen Gonzalez2, Jazmyne Sutton1, Sheila Murphy3, Sandra Ball-Rokeach5, Lourdes Baezconde-Garbanati1, 1Johns Hopkins Bloomberg School of Public Health, MD, USA, 2Keck School of Medicine, University of Southern California, CA, USA, 3University of Washington, WA, USA, 4Annenberg School for Communication, University of Pennsylvania, PA, USA, 5Annenberg School for Communication & Journalism, University of Southern California, CA, USA

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Amira Osman*, James Thrasher1, Rosaura Perez-Hernandez2, James Sargent3, 1Department of Health Promotion Education and Behavior, University of South Carolina, Columbia, SC, USA, 2Department of Tobacco Research, Center for Population Health Research, National Institute of Public Health, Cuernavaca, Mexico, 3Department of Pediatrics, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA
A REVIEW OF SMOKING RESEARCH ON U.S. VETERANS WITH PTSD: SMOKING RATES, SMOKING-RELATED VARIABLES, AND SMOKING TREATMENTS

Danielle Shpigel*, Christine Lee, Kate Segal, Hannah Esan, Alyssa Burns, Andrea Weinberger, Yeshiva University, NY, USA

EFFECTS OF FOLLOW-UP CALL ON QUALITY OF LIFE AND QUIT RATE AMONG SMOKERS CALLING THAILAND NATIONAL QUITLINE

Sunida Preechawong*, Jintana Yunibhand, Suwimon Ro-jnawee, Orrawan Khongtor, Naiyana Wongsaita, Jirapinya Khamrath, Chulalongkorn University, Thailand, Thailand National Quitline, Thailand, Royal Thai Navy College of Nursing, Thailand, The Royal Thai Army Nursing College, Thailand, Royal Thai Air Force Nursing College, Thailand

DIFFERENTIATING LITTLE CIGAR/CIGARILLO (LCC) USE AND ALTERATION

Ming-Ching Liang*, Kentya Ford, LeeAnn Kahlor, Metropolitan State University, MN, USA, University of Texas at Austin, TX, USA

IN-MARKET SURVEY STUDIES ON E-VAPOUR PRODUCT USE – METHODOLOGICAL CONSIDERATIONS

Joel Schendel*, Linda Apkarian, John Valente, David Feldman, Maria Gogova, Altria Client Services, LLC, VA, USA, MarketView Research Group, Inc., NJ, USA, SDR Consulting, GA, USA

REASONS FOR FIRST TRYING E-CIGARETTES AS PREDICTORS OF CONTINUATION AND DISCONTINUATION OVER TIME AMONG YOUTH

Krysten Bold*, Grace Kong, Dana Cavallo, Deepa Camenga, Suchitra Krishnan-Sarin, Yale School of Medicine, CT, USA

SUPPORT FOR A COMPREHENSIVE SMOKEFREE POLICY IN A SMALL, MID-WESTERN TOWN WITH A CASINO

Kevin Everett, University of Missouri, MO, USA

PATTERNS AND CORRELATES OF ENDS AND TOBACCO DUAL USE AND MOTIVATIONS TO QUIT

Danielle Ramo*, Johannes Thrul, Alina Belohlakev, Judith Prochaska, University of California, San Francisco, CA, Stanford University, CA, USA

ADULT TOBACCO USE IN 2013/14: FINDINGS FROM THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY, WAVE 1

Karin Kasza*, Bridget Ambrose, Kevin Conway, Kristie Taylor, K. Michael Cummings, Maciej Goniewicz, Nicolette Borek, Cathy Backinger, Wilson Compton, Andrew Hyland, Roswell Park Cancer Institute, NY, USA, National Institute on Drug Abuse, MD, USA, Westat, MD, USA, Medical University of South Carolina, SC, USA, Office of Science, Center for Tobacco Products, Food and Drug Administration, MD, USA
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Meme Wang-Schweig*1,2, Sharon Lipperman-Kreda2, Juliet Lee3, Prevention Research Center, CA, USA, 1University of California, Berkeley, CA, USA

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Andrea Vansickle1, Michael Fisher1, Linda Apkarian2, Jeannette LeBlanc2, John Valente3, David Feldman2, Mohamadi Sarkar4, 1Altria Client Services, LLC, VA, USA, 2MarketView Research, NJ, USA, 3SDR Consulting, GA, USA

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Michael Fisher1, Andrea Vansickle1, Linda Apkarian2, Jeannette LeBlanc2, John Valente3, David Feldman2, Mohamadi Sarkar4, 1Altria Client Services, LLC, VA, USA, 2MarketView Research, NJ, USA, 3SDR Consulting, GA, USA

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Stephen Higgins*, Sarah Heil1, Stacey Sigmon1, Jennifer Tidy2, Diann Gaalema1, Maxine Stitzer2, Ryan Vandrey1, Christopher Arger1, Mollie Miller2, Lauren Pacek1, 1University of Vermont, VT, USA, 2Brown University, RI, USA, 1Johns Hopkins University School of Medicine, MD, USA

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Grace Lee, MPH*, Joseph Lisko, MS2, J. Kimbrell, BS3, Liza Valentin-Blasini, PhD2, Clifford Watson, PhD2, 1Battelle Memo- rial Institute, GA, USA, 2Centers for Disease Control and Prevention, GA, USA, 3Oak Ridge Institute for Science and Education, GA, USA

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Noel Leigh*, Yong Hee Lee1, Leon Kosmider2, Andrzej Sobczak2, Maciej Goniwicz3, 1Roswell Park Cancer Institute, NY, USA, 2Institute of Occupational Medicine and Environmental Health and Medical University of Silesia, Poland

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Brooke Rogers*, Stephanie Kolar, University of Miami, FL, USA

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Linda Ferry*, Ralph Clark1, Dennys Estevez2, Joanne Rodriguez3, VA Loma Linda Healthcare System, CA, USA, 1Loma Linda University, School of Public Health, CA, USA
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Erika Abad-Vivero*, James Thrasher, Inti Barrientos-Gutierrez, Rosaura Perez-Hernandez, Christy Kollat-Cattano, Luz Reynales-Shigematsu, Raúl Mejia, James Sargent, National Institute of Public Health, Cuernavaca, Mexico, University of South Carolina, Columbia, USA, SC, USA, College of Charleston, SC, USA, Centro de Estudios de Estado y Sociedad (CEDES), Argentina, College of Dartmouth, NH, USA

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Bo Zhang*, Robert Schwartz, Aliya Noormohamed, Shawn O’Connor, University of Toronto, ON, Canada

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Michael Chaiton*, Peter Selby, Joanna Cohen, Robert Schwartz, University of Toronto, ON, Canada, Centre for Addiction and Mental Health, ON, Canada, Johns Hopkins Bloomberg School of Public Health, MD, USA

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Michael Sawdey*, Elizabeth Prom-Wormley, Virginia Commonwealth University, VA, USA

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Erin Hammett*, Susan Veldheer, Jessica Yingst, Shari Hrabovsky, Jonathan Foulds, Penn State University - College of Medicine, PA, USA

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Lauren Pacek*, Maggie Schweitzer, Francis McClernon, Duke University Medical Center, NC, USA

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Youn Ok Lee*, Jamie Guillory, Pamela Ling, RTI International, NC, USA, University of California San Francisco, CA, USA
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Andrea Villanti, MPH, PhD1,2; Jennifer Pearson, MPH, PhD1,2; Lauren Katz, MPH1; Raymond Niaura, PhD1,2,3; 1Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, DC, USA, 2Johns Hopkins Bloomberg School of Public Health, DC, USA, 3Georgetown University Medical Center, DC, USA

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Omara Dogar*, Kamran Siddiqi, University of York, United Kingdom

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Stephanie Buehler1, Margaret Tefft1, Christina Saeger1, Laura Wilson1, Sydney Gordon1, Ian MacGregor5, Douglas Turner1, Marthia McCauley1, Azieb Kidanu2, Pamela Clark2, 1Battelle Public Health Center for Tobacco Research, OH, USA, 2University of Maryland School of Public Health, MD, USA

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Megan Passey*, Jo Longman1, Jennifer Johnston1, Cathy Adams2, 1University of Sydney, Australia, 2Northern Sydney Local Health District, Australia

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Carillon Skrzynski*, Nina Hill, Laura Pacilio, Kasey Creswell, Carnegie Mellon University, PA, USA

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Megan Saddleson*, Lynn Kozlowski2, Gary Giovino2, Gregory Homish2, Martin Mahoney2, Maciej Goniewicz2, 1University of Pennsylvania, NY, USA, 2SUNY, University at Buffalo, NY, USA, 3Roswell Park Cancer Institute, NY, USA

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Ingeborg Lund*, Janne Scheffels, Norwegian Institute for Alcohol and Drug Research (SIRUS), Norway

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Eric Soule*, Alexa Lopez1, Mignonne Guy1, Caroline Cobb1, 1Virginia Commonwealth University, VA, USA

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Catherine Goujon, Philip Morris International Research and Development, Switzerland
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Alexandra Loukas¹, Cheryl Perry², ¹The University of Texas at Austin, TX, USA, ²The University of Texas Health Science Center at Houston, School of Public Health - Austin Regional Campus, TX, USA

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Ana Cupertino*, Kendra Cruz¹, Mariana Ramirez¹, Jaime Perales¹, Mitzi Ramirez¹, Lucia Martinez¹, Scott Wernitz², Lisa Cox¹, Edward Ellerbeck¹, ¹University of Kansas Medical Center, KS, USA, ²Agile Health, IL, USA

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Andrew Hill¹, Oscar Martin Camacho*, ¹Ventana Systems UK, United Kingdom, ²British American Tobacco, United Kingdom

POS4-46 CHEMICAL ANALYSIS AND HEALTH ASSESSMENT OF AN ALTERNATIVE TOBACCO PRODUCT (MIDWAKH)
Sarah Dalibaltta*, Yehya Elsayed, Maissam ElKouche, Ziad Sara, American University of Sharjah, United Arab Emirates

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Elizabeth Seaman*, Craig Fryer, University of Maryland College Park School of Public Health, MD, USA

POS4-48 FACTORS ASSOCIATED WITH DUAL USE OF CONVENTIONAL AND ELECTRONIC CIGARETTES: FOCUS GROUP STUDY AMONG CURRENT ADULT SMOKEERS
Ban Majeed*, Joy Burns, Kymberle Sterling, Shanta Dube, Michael Eriksen, SPH/GSU, GA, USA

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Micah Savin**, Evan Floyd¹, Subekchhnya Arya², David Johnson², Ted Wagener¹, Lurdes Queimado-Young¹, Jun Wang², ¹Oklahoma Tobacco Research Center, CA, USA, ²University of Oklahoma, OK, USA

POS4-50 DUAL CIGARETTE AND E-CIGARETTE USE: EXAMINING PEER TOBACCO USE AND TOBACCO USE ATTITUDES
Deepti Agarwalt**, Alexandra Loukas¹, Cheryl Perry¹, ¹The University of Texas at Austin, TX, USA, ²The University of Texas Health Science Center at Houston, School of Public Health - Austin Regional Campus, TX, USA

POS4-51 SCHOOL BULLYING AND SUSCEPTIBILITY TO SMOKING AMONG NEVER-SMOKING ADOLESCENTS
Sunday Azagba, University of Waterloo

POS4-52 THIRDHAND SMOKE RESEARCH AT PHILIP MORRIS
Adam Whitlatch, Suzaynn Schick*, University of California, San Francisco, CA, USA
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Michael Amato*, Joanne D'Silva, Raymond Boyle, ClearWay Minnesota, MN, USA

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Lindsay Robertson*, Louise Marsh, Rob McGee, Janet Hoek, Phil Gendall, University of Otago, New Zealand

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Ce Shang*, Jidong Huang, Frank Chaloupka, University of Illinois at Chicago, IL, USA

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Jidong Huang*, Kai-Wen Cheng, Qing Li, Frank Chaloupka, Ce Shang**, 1University of Illinois at Chicago, IL, USA, 2Georgia State University, USA

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Neill Baskerville*, Jennifer Yessis, Ryan Kennedy, Sunday Azagba, Michael Chaiton, Alanna Shuh, Aneta Abramowicz, Katy Wong, 1University of Waterloo, ON, Canada, 2Johns Hopkins Bloomberg School of Public Health, MD, USA, 3Ontario Tobacco Research Unit, Dalla Lana School of Public Health, University of Toronto, ON, Canada, 4Propel Centre for Population Health Impact, University of Waterloo, ON, Canada, 5Sherbourne Health Centre, ON, Canada

POS4-60
Christy Kollath-Cattano*, Rosaura Perez Hernandez, Erika Abad-Vivero, Inti Barrientos-Gutierrez, Raul Mejia, James Sargent, James Thrasher, 1College of Charleston, SC, USA, 2National Institute of Public Health, Cuernavaca, México, Mexico, 3Centro de Estudios de Estado y Sociedad (CEDES), Argentina, 4Dartmouth-Hitchcock Medical Center, NH, USA, 5University of South Carolina-Columbia, SC, USA

POS4-61
GRAPHIC WARNING LABELS AND THE COST SAVINGS FROM REDUCED SMOKING AMONG PREGNANT WOMEN
John Tauras*, Richard Peck, Kai-Wen Cheng, Frank Chaloupka, 1Department of Economics, University of Illinois at Chicago, IL, USA, 2Health Policy Center, Institute for Health Research and Policy, University of Illinois at Chicago, IL, USA, 3School of Public Health, Georgia State University, IL, USA

POS4-62
GRAPHIC WARNING LABELS AND THE COST SAVINGS FROM SECONDHAND SMOKE
Richard Peck*, Kai-Wen Cheng, John Tauras, Frank Chaloupka, 1Department of Economics, University of Illinois at Chicago, IL, USA, 2Georgia State University School of
Public Health, USA, 2Institute for Health Research and Policy, University of Illinois at Chicago

POS4-63
USE OF PRICE-RELATED PROMOTIONS AMONG U.S. ADULTS WHO CURRENTLY USE ELECTRONIC NICOTINE DELIVERY SYSTEMS
Xin Xu*, Ralph Caraballo, Kristy Marynak, Shanna Cox, Linda Neff, Brian King, Centers for Diseases Control and Prevention, GA, USA

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EXAMINING SMOKERS DEMAND FOR E-CIGARETTES: EVIDENCE FROM EXPERIMENTAL AUCTIONS
Richard Connor1, Matthew Rousu2, Maansi Bansal-Travers3, Lisa Vogl4, Jay Corrigan4, 1Roswell Park Cancer Institute, NY, USA, 2Susquehanna University, PA, USA, 3Kenyon College, OH, USA

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Joao Castaldelli-Maia*, Silvia Martins2, Arthur Andrade1, Laura Andrade1, 1University of Sao Paulo, Brazil, 2Columbia University, NY, USA

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PSYCHOMETRIC ANALYSIS OF FAGERSTRÖM TEST FOR NICOTINE DEPENDENCE IN NEPALESE POPULATION
Umesh Aryal*, Dharma Bhatta2, Kathmandu Medical College, Kathmandu, Nepal, 2Faculty of Medicine, Epidemiology Unit, Prince of Songkla University, Thailand

POS4-67
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Ryan Redner*, Thomas White2, Janice Bunn3, Stephen Higgins4, 1Southern Illinois University, Carbondale, IL, USA, 2Fresno Veterans Administration, CA, USA, 3University of Vermont, VT, USA

POS4-68
DEVELOPMENTAL PATTERNS AND TRANSITIONS OF CIGARETTE SMOKING IN A NATIONALLY REPRESENTATIVE SAMPLE OF YOUNG ADULTS
Elizabeth Hair, PhD*, Jessica Rath, PhD, MPH1,2, Valerie Williams, MA, MS1, Amanda Johnson, MHS3, Molly Green, MPH1, Andrea Villanti, PhD, MPH2,3, Craig Enders, PhD3, Jennifer Cantrell, DrPH, MPA1,2, Donna Vallone, PhD, MPH1,2,4, 1Truth Initiative, DC, USA, 2Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, DC, USA, 3University of California, Los Angeles, CA, USA, 4Johns Hopkins Bloomberg School of Public Health, DC, USA, 5New York University College of Global Public Health, DC, USA

POS4-69
TOBACCO RELATED CONVERSATIONS ON TWITTER AND SMOKING
Yoonsang Kim*, Hy Tran, Sherry Emery, University of Illinois at Chicago, IL, USA
POS4-70
LONG-TERM AND SHORT-TERM USE OF E-CIGARETTES AMONG SMOKERS: IMPLICATIONS FOR SMOKING CESSATION
Yue-Lin Zhuang*, Shu-Hong Zhu, University of California, San Diego, CA, USA

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ALTERNATIVE TOBACCO PRODUCT USE AMONG A VERSE SAMPLE OF YOUNG ADULTS
Alissa Link1, Donna Shelley1, Paul Krebs1, Ashley Chastain1, Nicholas Freudenberg2, Scott Sherman*1,4, 1New York University School of Medicine, NY, USA, 2Graduate Center, City University of New York, NY, USA, 3Hunter College, City University of New York, NY, USA, 4VA New York Harbor Healthcare System, NY, USA

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Uyoyo Omaduvie*, College of Medicine, University of Ibadan, Nigeria

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Jordan Wilkins*, Michelle Sisson, Samantha Russell, Ashley Hanlon, Northern Arizona University, AZ, USA

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Brooke Genkin*, Stephanie Kolar, University of Miami, FL, USA

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Dennis Trinidad1, John Pierce1, James Sargent2, Martha White1, David Strong1, David Portnoy1, Victoria Green4, Cassandra Stanton2, Kelvin Cho1, Maansi Bansal-Travers1, 1University of California, San Diego, CA, USA, 2Dartmouth University, NH, USA, 3US Food and Drug Administration, MD, USA, 4NIDA, MD, USA, 5Westat Inc, MD, USA, 6University of Minnesota, MN, USA, 7Roswell Park Cancer Institute, NY, USA

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Joo Youn Kim, Sung Woo Seo, Sungkyu Lee*, National Evidence-based Healthcare Collaborating Agency (NECA), Republic of Korea

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Olalekan Ayo-Yusuf, Sefako Makgatho Health Sciences University, Pretoria, South Africa

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Terry Pechacek, Bo Feng*, Georgia State University, GA, USA
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A CONTENT ANALYSIS OF ELECTRONIC HEALTH RECORD (EHR) FUNCTIONALITY TO SUPPORT TOBACCO TREATMENT
Lorien Abroms1, Jennifer Schindler-Ruwisch*, Steven Bernstein2, Christina Heminger3, 1The George Washington University, DC, USA, 2Yale University, CT, USA

POS4-80
THE ASSOCIATION OF WATERPIPE SMOKING WITH CORONARY ARTERY CALCIUM SCORE IN A COMMUNITY BASED SAMPLE
Marwa Adawi1, Hassan Chami2, Ahmad Al Mulla1, Blanche Ghandour3, Nadine Ammar4, Mariam Al Kuwari1, 1Hamad Medical Corporation - Qatar, 2American University of Beirut Medical Center - Lebanon

POS4-81
BELIEVABILITY OF CIGAR WARNINGS: IMPACT OF SOURCE AND MESSAGE
Kristen Jarman*, Amanda Richardson1, Jennifer Cornacchione2, Thad Benefield1, Adam Goldstein1, 1University of North Carolina at Chapel Hill, NC, USA, 2Wake Forest School of Medicine, NC, USA

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ACUTE SUBJECTIVE RESPONSES TO SMOKELESS TOBACCO PRODUCTS: RESULTS FROM TRIAL 2
Babita Das*, Raul Cruz-Cano1, Azieb Kidanu1, Lizette Nkongho1, Nicole Havis1, Hyoshin Kim2, Marielle Brinkman3, Sydney Gordon1, Pamela Clark1, 1University of Maryland School of Public Health, Tobacco Center of Regulatory Science, MD, USA, 2Battelle Memorial Institute, MD, USA, 3Battelle Memorial Institute, OH, USA

POS4-83
THE ASSOCIATION OF WATERPIPE SMOKING WITH QUANTITATIVE CT MEASURED EMPHYSEMA IN A COMMUNITY BASED SAMPLE
Ahmad Al Mulla*, Hassan Chami1, Marwa Adawi1, Blanche Ghandour3, Nadine Ammar4, Mariam Al Kuwari1, 1Hamad Medical Corporation - Qatar, 2American University of Beirut - Lebanon, 3American University of Beirut Medical Center - Lebanon

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Allison Kurti*, Joan Skelly, Stephen Higgins, University of Vermont, VT, USA

POS4-85
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Samantha Reilly*, Reema Goel, Zachary Bitzer, Neil Trushin, Ryan Elias, John Richie, Jr., Pennsylvania State University, PA, USA

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Reema Goel*, Samantha Reilly, Zachary Bitzer, Neil Trushin, Ryan Elias, John Richie, Pennsylvania State University, PA, USA
POS4-87
A COMPARISON OF RISK AND BENEFIT PERCEPTIONS OF E-CIGARETTES, CIGARS, AND CIGARETTES AMONG OLDER CURRENT AND FORMER SMOKERS
Kevin Delucchi, University of California, San Francisco, CA, USA

POS4-88
PREDICTORS OF PROVIDER ADHERENCE TO TOBACCO USE TREATMENT GUIDELINES AND ORGANIZATIONAL PRIORITY
Danielle Khalife1, Sarah Borderud1, Mirelis Gonzalez2, Alena Campo2, Yuelin Li3, Donna Shelley3, Jamie Ostroff3; 1Memorial Sloan Kettering Cancer Center, NY, USA, 2New York University, NY, USA

POS4-89
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Natalie Nardone1, Neal Benowitz, University of California, San Francisco, CA, USA

POS4-90
ELECTRONIC CIGARETTE AVAILABILITY AND ADVERTISING AROUND A SAMPLE OF NEW JERSEY HIGH SCHOOLS
Daniel Giovenco*, Myriam Casseus, M. Lewis, Cristine Delenovo, Rutgers University School of Public Health, NJ, USA

POS4-91
LOW SOCIOECONOMIC STATUS IS ASSOCIATED WITH E-CIGARETTE AND TOBACCO PRODUCT USE LATENT CLASS MEMBERSHIP
Patricia Simon1, Deepa Camenga1, Grace Kong1, Dana Cavallo1, Meghan Morean2, Kevin Gutierrez1, Suchitra Krishnan-Sarin1, 1Yale School of Medicine, CT, USA, 2Oberlin College and Yale School of Medicine, CT, USA

POS4-92
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Kristina Jackson, Cara Murphy, William Lechner, Suzanne Colby*, Michelle Rogers, Brown University, RI, USA

POS4-93
SMOKING TOPOGRAPHY COMPARISON AMONG DAILY AND NON-DAILY SMOKERS
Nicolle Krebs1, Junjia Zhu1, Joshua Muscat2, 1Penn State College of Medicine, PA, USA, 2College of Medicine, PA, USA

POS4-94
LUNG CANCER SCREENING AWARENESS AND ATTITUDES AMONG SMOKERS: FINDINGS FROM THE ITC US SURVEY (2013-14)
Anushree Sharma1,2, Richard O’Connor1, Maansi Bansal-Travers1, Andrew Hyland1, K. Michael Cummings2, Mary Reid1, 1Roswell Park Cancer Institute, NY, USA, 2Medical University of South Carolina, NY, USA, 3SUNY University at Buffalo, NY, USA

POS4-95
THE IMPACT OF VIEWING AN ADVERTISEMENT FOR REDUCED NICOTINE CONTENT CIGARETTES ON BELIEFS: EFFECTS ON SUBSEQUENT SMOKING BEHAVIORS
Melissa Mercincavage*, Megan Saddleson, Andrew Strasser, University of Pennsylvania, PA, USA
POS4-96
ADAPTATION OF AN AMERICAN ONLINE SMOKING PREVENTION PROGRAM IN ROMANIA
Zoltan Abram*, Iosif Balint, Monika Csibi, Valentin Nadasan, University of Medicine and Pharmacy Targu Mures, Romania

POS4-97
HARDCORE SMOKERS VERSUS OTHER SMOKERS: WHAT MAKES HARDCORE SMOKERS UNIQUE?
Raees Shaikh*, Mohammad Siahpush1, Melissa Tibbits1, Chandran Achutan1, Kendra Schmid2, Gopal Singh2, 1University of Nebraska Medical Center, NE, USA, 2Global Health and Education Projects, MD, USA

POS4-99
HOW DO CONSUMERS USE THE CANDIDATE MRTP TOBACCO HEATING SYSTEM (THS): ANALYSIS OF WHOLE OFFER TEST DATA FROM FIVE COUNTRIES
Steve Roulet*, Pierpaolo Magnani1, Gerd Kallischnigg2, Stefano Badoglio1, Kurt Ackemann1, Marcus Veit2, Antonio Ramazzotti3, 1Philip Morris International Management S.A. Market Research & Innovation, Switzerland, 2ARGUS — Statistics and Information Systems in Environment and Public Health, Germany, 3FehrAdvice & Partners, Switzerland

POS4-100
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Cindy Hauser*, Austin Crouse1, Kate Cerullo2, 1Davidson College, NC, USA, 2TSI Incorporated, MN, USA

POS4-101
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Hoda Elmasry, MPH*, Amy Cohn, PhD1,2, Raymond Niaura, PhD1,2, 1Schoeder Institute for Tobacco Research and Policy Studies at Truth Initiative, DC, USA, 2Georgetown University Medical Center, DC, USA, 3Johns Hopkins Bloomberg School of Public Health

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SOCIO-DEMOGRAPHIC DISPARITIES IN POINT-OF-SALE CIGARETTE MARKETING: RESULTS FROM A POPULATION-BASED STUDY
Raees Shaikh*, Mohammad Siahpush1, Theodore Wagener, PhD1, Jennifer Vidrine, PhD2, Melissa Tibbits1, Ghada Soliman1, 1University of Nebraska Medical Center, NE, USA, 2University of Oklahoma, OK, USA

POS4-103
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Zsuzsanna Szasz*, Levente Biro1, Henriett Mate1, Cindy Hauser1, Annamaria Iclanzan-Demeter1, Hotraiutiu Moldovan1,2, 1University of Medicine and Pharmacy Targu Mures Romania, Romania, 2Mures County Hospital Romania, Romania, 3Davidson College—Department of Chemistry, NC, USA

POS4-104
WATER PIPE SMOKING AND SUSCEPTIBILITY TO CIGARETTE SMOKING AMONG YOUNG ADULTS IN THE UNITED STATES
Rifat Haider1, Tracey Barnett2, Yi Guo2, James Thrasher1, Wasim Maziak3, 1University of South Carolina, SC, USA, 2University of Florida, FL, USA, 3Florida International University, FL, USA
POS4-105
SUCCESSFUL ENROLLMENT OF A TARGETED POPULATION USING TAILORED COUNTY-LEVEL RECRUITMENT STRATEGIES
Sarah Reisinger*, Patrick Feeney, Juliana Nemeth, Abigail Shoben, Mary Ellen Wewers, The Ohio State University, OH, USA, Emory University, GA, USA

POS4-106
THE RELATIONSHIP OF CIGARETTES AND CIGARS TO OLDER ADULTS' MARIJUANA USE: EVIDENCE FROM THE NATIONAL SURVEY ON DRUG USE AND HEALTH
Sabrina Smiley*, Lauren Katz, Hoda Elmasry, Rakiya Moore, Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, DC, USA

POS4-107
PROMOTING TOBACCO PREVENTION AMONG SOMALI YOUTH IN THE TWIN CITIES, MINNESOTA USING SOCIAL MEDIA
Erika Pinsker*, Akiko Tanaka, Abdillahi Kahin, Abdillahi Ganey, Kathleen Call, Diana Dubois, Kolawole Okuyemi, University of Minnesota, MN, USA, WellShare International, MN, USA

POS4-108
DEVELOPMENT OF A MICRO-COLD VACUUM TRAP FOR HOOKAH TOBACCO AND TOBACCO ALTERNATIVE SMOKE VOC COLLECTION
William Wetzel, Joseph Caruso, Thomas More College Department of Chemistry, KY, USA, University of Cincinnati Department of Chemistry, OH, USA

POS4-110
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Fritz Laux*, Northeastern State University, Oklahoma, OK, USA

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**WEDNESDAY, MARCH 2, 2016**

7:00 a.m.-8:00 p.m. ............... Chicago Ballroom 10 (Level 4)
Registration  

8:00 a.m.-12:00 noon  
Pre-Conference Workshops *(available at an additional fee)*

8:00 a.m.-12:00 noon ............... Chicago Ballroom 9 (Level 4)
Pre-Conference Workshop #1  
The Changing Landscape of Nicotine and Tobacco Use: What Tobacco Treatment Clinicians and Researchers Need to Know  

8:00 a.m.-12:00 noon ................ Ohio (Level 2)  
Pre-Conference Workshop #2  
Strengthening Tobacco Research Capacity in Low- and Middle-Income Countries: Strategies, Challenges, and Lessons Learned  

8:00 a.m.-12:00 noon ................ Huron (Level 2)  
Pre-Conference Workshop #3  
Building an Evidence Base for Reducing Smoking Disparities Between Indigenous and Non-Indigenous Peoples  

8:00 a.m.-12:00 noon ................ Erie (Level 2)  
Pre-Conference Workshop #4  
Tobacco Control in a Rapidly Changing Media Environment  

8:00 a.m.-12:00 noon ................ Superior B (Level 2)  
Pre-Conference Workshop #5  
Tobacco Industry Documents Research and Global Health Justice Movement  

8:00 a.m.-12:00 noon ........ Chicago Ballroom 8 (Level 4 Floor)  
Pre-Conference Workshop #6  
Perspectives on Nicotine: Science and Policy  

8:00 a.m.-12:00 noon ................ Huron (Level 2)  
Pre-Conference Workshop #7  
NIH and FDA Funding Opportunities for Early Career Researchers  

8:00 a.m.-12:00 noon ................ Missouri (Level 2)  
Pre-Conference Workshop #8  
Statistical Analysis of Complex Surveys With Replicate Weights Using SAS Survey Package  

1:00 p.m.-3:15 p.m.  
Network Meetings  
Plan to join your colleagues and attend the Network meeting of interest.  

1:00 p.m. - 2:00 p.m.  
Adolescent Network Meeting: Mississippi (Level 2)  
Genetics Network Meeting: Arkansas (Level 2)  
Global Health Network Meeting: Ohio (Level 2)  
Health Disparities Network Meeting: Chicago 8 (Level 4)  

2:15 p.m. - 3:15 p.m.  
Basic Science Network Meeting: Missouri (Level 2)  
Public Health Policy Network Meeting: Ontario (Level 2)  
Treatment Network Meeting: Chicago 8 (Level 4)  

1:00 p.m.-8:00 p.m. ............... .Ballroom Office (Level 4)  
Speaker Ready Room  

Audience Key:  
BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment
3:30 p.m.-4:30 p.m.  
Transdisciplinary Topical Discussions  
(#1-#5 are held concurrently)

**TTD #1** .................. Superior A (Level 2)  
The Future of Nicotine  
*Moderator: Scott Leischow, PhD*

**TTD #2** .................. Ohio (Level 2)  
Should Clinicians Counsel Tobacco Users to Reduce or Quit Through the use of Electronic Nicotine Delivery Systems (ENDS)?  
*Moderators: Adam O. Goldstein, MD, MPH; Edward Anselm, MD*

**TTD #3** .................. Huron (Level 2)  
What Does the Endgame for Ending the Tobacco Epidemic Look Like?  
*Moderators: Janet Hoek, PhD; Natalie Walker, PhD*

**TTD #4** .................. Erie (Level 2)  
What Do We Need to Develop Better Measures of E-Cigarette Use, Dependence, Perceptions, and Policy?  
*Moderators: Bonnie Halpern-Felsher, PhD; Hyoshin Kim, PhD; Scott Weaver, PhD*

**TTD #5** .................. Superior B (Level 2)  
Ethical Implications of Factoring in Tobacco Use in Hiring and Insurance Policies  
*Moderator: Stanton A. Glantz, PhD*

4:45 p.m.-6:15 p.m. ............. Chicago Ballroom 6 (Level 4)  
Special Symposium: How Science Informs FDA’s Regulatory Decisions: Deeming, PMTA, and MRTPA  
*Chair: David L. Ashley, PhD, RADM, US Public Health Service, Director, Office of Science*

7:15 p.m.-8:15 p.m. ............. Fountainview & CHI Bar (Lobby Level 3)  
Opening Reception  
*(All attendees are welcome! Cash bar and hors d’oeuvres)*

**THURSDAY, MARCH 3, 2016**

7:00 a.m.-5:00 p.m. ............. Ballroom Promenade (Level 4)  
Registration

7:00 a.m.-5:00 p.m. ............. Ballroom Office (Level 4)  
Speaker Ready Room

7:00 a.m.-8:00 a.m. ............. Mississippi (Level 2)  
Meet the Editor

8:00 a.m.-9:30 a.m. ............. Chicago Ballroom 6 (Level 4)  
Welcome/Awards/Lecture

8:00 a.m.  
Welcome and Opening Remarks by the President of SRNT  
*Robin Mermelstein, PhD*

8:10 a.m.  
Awards  
*Tom Glynn, PhD*

8:30 a.m.-9:30 a.m. ............. Chicago Ballroom 6 (Level 4)  
Clinical Theme Lecture and Ove Fernö Award Winner  
*Professor Timothy Baker, PhD*
9:30 a.m.-10:00 a.m. ............ Chicago Ballroom 5 (Level 4)

Refreshment Break and Exhibit Time

9:30 a.m.-3:30 p.m. ............ Chicago Ballroom 5 (Level 4)

Exhibits Open

10:00 a.m.-11:30 a.m. ............ Chicago Ballroom 10 (Level 4)

Podium Presentation 1: Symposium 1
Smoking and Psychopathology: Mechanisms and Treatments

Audience: HD, T, C, PH/E

10:00 a.m.-11:30 a.m. ............ Chicago Ballroom 9 (Level 4)

Podium Presentation 1: Symposium 2
Smokeless Tobacco Consumption, Disease Burden, Dependence, and Cessation: A Diverse and Global Perspective

Audience: PH/E, I, LMIC, T, C, P

10:00 a.m.-11:30 a.m. ............ Sheraton Ballroom 1 (Level 4)

Podium Presentation 1: Symposium 3
Developmental Toxicity of Nicotine During Adolescence: A Trans-disciplinary Synthesis and Implications for Emerging Tobacco Products

Audience: PC, C, PH/E, P

10:00 a.m.-11:30 a.m. ............ Sheraton Ballroom 4 (Level 4)

Podium Presentation 1: Symposium 4
Evaluating Current E-Cigarette Marketing Through a Legal Lens

Audience: PH/E, P

10:00 a.m.-11:30 a.m. ............ Sheraton Ballroom 3 (Level 4)

Podium Presentation 1: Paper Session 1
Flavored Non-Cigarette Tobacco Products

Audience: PC, PH/E, P

10:00 a.m.-11:30 a.m. ............ Chicago Ballroom 8 (Level 4)

Podium Presentation 1: Paper Session 2
Advantages and Challenges of Smoking Cessation

Audience: C, P, T

10:00 a.m.-11:30 a.m. ............ Chicago Ballroom 6 (Level 4)

Podium Presentation 1: Paper Session 3
The Changing Landscape of Tobacco Control

Audience: PH/E, P, I, LMIC

10:00 a.m.-11:30 a.m. ............ Sheraton 2 (Level 4)

Podium Presentation 1: Paper Session 4
Smoking in Low-Income Populations

Audience: PH/E, P, HD, I, LMIC

11:30 a.m.-1:00 p.m. .......... Riverwalk B (River Exhibition Level 1)

Poster Session 1: Clinical

11:30 a.m.-1:00 p.m. .......... Riverwalk B (River Exhibition Level 1)

Lunch Break

Pick up your complimentary boxed lunch in Riverwalk B, starting at 11:15 a.m.

11:45 a.m.-1:00 p.m. .......... Mayfair (Level 2)

Past Presidents Luncheon
(by invitation only)

Audience Key:
BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment
1:00 p.m.-2:30 p.m. ............... Sheraton Ballroom 4 (Level 4)
Podium Presentation 2: Symposium 5
Evaluating Adverse Events in a Global Smoking Cessation Study (Eagles): A Randomized, Controlled Trial Comparing the Safety and Efficacy of the First-Line Smoking Cessation Aids in Smokers With and Without Psychiatric Disorders
Audience: C, PH/E, HD

1:00 p.m.-2:30 p.m. ............... Chicago Ballroom 9 (Level 4)
Podium Presentation 2: Symposium 6
Emerging Evidence From the TCORS: Cigar Use Prevalence, Correlates, and Health Effects
Audience: PH/E, P

1:00 p.m.-2:30 p.m. ............... Chicago Ballroom 8 (Level 4)
Podium Presentation 2: Symposium 7
Tobacco Regulatory Science and Vulnerable Populations
Audience: PH/E, HD, P

1:00 p.m.-2:30 p.m. ............... Chicago Ballroom 10 (Level 4)
Podium Presentation 2: Paper Session 5
Marijuana and Tobacco Use
Audience: PH/E, P, HD, I

1:00 p.m.-2:30 p.m. ............... Chicago Ballroom 6 (Level 4)
Podium Presentation 2: Paper Session 6
Global Epidemiology of E-Cigarettes
Audience: PH/E, P, HD, I, LMIC

1:00 p.m.-2:30 p.m. ............... Sheraton Ballroom 3 (Level 4)
Podium Presentation 2: Paper Session 7
Second-Exposure to E-Cigarettes and Tobacco
Audience: BS, PC, PH/E, P, I, LMIC

1:00 p.m.-2:30 p.m. ............... Sheraton Ballroom 2 (Level 4)
Podium Presentation 2: Paper Session 8
Marketing of Tobacco Products
Audience: PH/E, P, HD, I

1:00 p.m.-2:30 p.m. ............... Sheraton Ballroom 1 (Level 4)
Podium Presentation 2: Paper Session 9
Genetics and Smoking
Audience: BS, PC, C, T

2:30 p.m.-3:00 p.m. ............... Sheraton Ballroom 5 (Level 4)
Refreshment Break & Exhibitor Time

3:00 p.m.-4:00 p.m. ............... Chicago Ballroom 6 (Level 4)
Pre-Clinical Theme Lecture
Professor Julie Blendy, PhD

4:00 p.m.-4:30 p.m.
Break

4:30 p.m.-6:00 p.m. ........ Riverwalk B (River Exhibition Level 1)
Poster Session 2: Policy, Pre-Clinical and Other

6:00 p.m.-7:15 p.m. ............... Chicago Ballroom 6 (Level 4)
Presidential Symposium
Highlighted Findings From Wave 1 of the Population Assessment of Tobacco and Health (PATH) Study
Andrew Hyland, PhD

7:00 p.m.-8:30 p.m. ........ Riverwalk A (River Exhibition Level 1)
Trainee Network Reception
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:00 a.m.-5:00 p.m.</td>
<td>Ballroom Office (Level 4)</td>
<td>Speaker Ready Room</td>
</tr>
<tr>
<td>7:30 a.m.-8:15 a.m.</td>
<td>Chicago Ballroom 10 (Level 4)</td>
<td>SRNT Members' Meeting (All members are welcome to attend.)</td>
</tr>
<tr>
<td>8:00 a.m.-5:00 p.m.</td>
<td>Ballroom Promenade (Level 4)</td>
<td>Registration</td>
</tr>
<tr>
<td>8:30 a.m.-9:30 a.m.</td>
<td>Chicago Ballroom 6 (Level 4)</td>
<td>Public Policy Theme Lecture</td>
</tr>
<tr>
<td>9:30 a.m.-10:00 a.m.</td>
<td>Sheraton Ballroom 5 (Level 4)</td>
<td>Refreshment Break &amp; Exhibitor Time</td>
</tr>
<tr>
<td>9:30 a.m.-3:30 p.m.</td>
<td>Sheraton Ballroom 5 (Level 4)</td>
<td>Exhibits Open</td>
</tr>
<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Sheraton Ballroom 4 (Level 4)</td>
<td>Podium Presentation 3: Symposium 8</td>
</tr>
<tr>
<td>9:30 a.m.-10:30 a.m.</td>
<td>Chicago Ballroom 6 (Level 4)</td>
<td>Public Policy Theme Lecture</td>
</tr>
<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Sheraton Ballroom 3 (Level 4)</td>
<td>Podium Presentation 3: Symposium 9</td>
</tr>
<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Sheraton Ballroom 4 (Level 4)</td>
<td>Podium Presentation 3: Symposium 10</td>
</tr>
<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Chicago Ballroom 6 (Level 4)</td>
<td>Podium Presentation 3: Paper Session 10</td>
</tr>
<tr>
<td>11:30 a.m.-1:00 p.m.</td>
<td>Riverwalk B (River Exhibition Level 1)</td>
<td>Poster Session 3: Public Health/Epi</td>
</tr>
</tbody>
</table>

Schedule-at a Glance

FRIDAY, MARCH 4, 2016
11:30 a.m.-1:00 p.m. Riverwalk B (River Exhibition Level 1)

Lunch Break
Pick up your complimentary boxed lunch in Riverwalk B, starting at 11:15 a.m.

1:00 p.m.-2:30 p.m. Sheraton Ballroom 3 (Level 4)
Podium Presentation 4: Symposium 11
What We Know About Appeal: Implications for Product Regulation
Audience: PH/E, P

1:00 p.m.-2:30 p.m. Chicago Ballroom 9 (Level 4)
Podium Presentation 4: Symposium 12
Seeking a Pro-Equity Impact: The Intersection of Tobacco-Control Policy and Health Disparities Research
Audience: HD, PH/E, P

1:00 p.m.-2:30 p.m. Chicago Ballroom 10 (Level 4)
Podium Presentation 4: Symposium 13
Trajectories of Smoking Abstinence: Short-Term Pain, Long-Term Gain?
Audience: HD, C, T, PH/E

1:00 p.m.-2:30 p.m. Sheraton Ballroom 1 (Level 4)
Podium Presentation 4: Paper Session 15
American Indian and Alaska Native Tobacco Control and Treatment
Audience: HD, T, PH/E, P

1:00 p.m.-2:30 p.m. Chicago Ballroom 6 (Level 4)
Podium Presentation 4: Paper Session 16
E-Cigarette Toxicity
Audience: BS, PC

1:00 p.m.-2:30 p.m. Sheraton Ballroom 4 (Level 4)
Podium Presentation 4: Paper Session 17
Youth and Nicotine Use
Audience: C, PH/E

1:00 p.m.-2:30 p.m. Sheraton Ballroom 2 (Level 4)
Podium Presentation 4: Paper Session 18
Tobacco Use and Weight Management
Audience: PH/E, C, LMIC

1:00 p.m.-2:30 p.m. Chicago Ballroom 6 (Level 4)
Podium Presentation 4: Paper Session 19
Nicotine Dependence and Brain
Audience: PC, C, PH/E

2:30 p.m.-3:00 p.m. Sheraton Ballroom 5 (Level 4)
Refreshment Break & Exhibit Time

3:00 p.m.-4:15 p.m. Chicago Ballroom 6 (Level 4)
Jarvik-Russell New Investigator Awards Paper Session

4:15 p.m.-4:30 p.m.
Break

4:30 p.m.-5:30 p.m.
Epidemiology and Public Health Themed Lecture
Donna Vallone, PhD, MPH;
Tesfa Alexander, PhD;
Bob Rodes, MS, MBA, Med

5:30 p.m.-7:00 p.m. Riverwalk B (Exhibition Level 1)
Poster Session 4: Public Health/Epi
SATURDAY, MARCH 5, 2016

7:00 a.m.-10:00 a.m. ............... Ballroom Office (Level 4)
Speaker Ready Room

8:00 a.m.-1:00 p.m. ............... Ballroom Promenade (Level 4)
Registration

8:00 a.m.-9:30 a.m. ............... Sheraton Ballroom 1 (Level 4)
Podium Presentation 5: Symposium 14
Making the Cigarette Pack a Complete Health Communications Tool
Audience: PH/E, P

8:00 a.m.-9:30 a.m. ............... Chicago Ballroom 9 (Level 4)
Podium Presentation 5: Symposium 15
Anxiety and Smoking: Emerging Data on Mechanistic Factors and Treatment
Audience: C, T

8:00 a.m.-9:30 a.m. ............... Sheraton Ballroom 2 (Level 4)
Podium Presentation 5: Symposium 16
Testing Addiction Theory-Based Mechanisms of Smoking Behaviors: From Clinical Treatment to Novel Human Laboratory Paradigms
Audience: C, T

8:00 a.m.-9:30 a.m. ............... Sheraton Ballroom 4 (Level 4)
Podium Presentation 5: Symposium 17
How Should We Tax Electronic Nicotine Delivery Systems—Analyzing Current Evidence to Inform Future Policy
Audience: PH/E, P

8:00 a.m.-9:30 a.m. ............... Chicago Ballroom 6 (Level 4)
Podium Presentation 5: Symposium 18
Evidence-Based Insights Into an Emerging Behavior: Population Data on Adult E-Cigarette Users
Audience: PH/E, P

8:00 a.m.-9:30 a.m. ............... Sheraton Ballroom 3 (Level 4)
Podium Presentation 5: Symposium 19
Development and Evaluation of Digital Health Mobile Apps for Smoking Cessation: State of the Art and Future Directions
Audience: HD, C, T, PH/E

8:00 a.m.-9:30 a.m. ............... Chicago Ballroom 10 (Level 4)
Podium Presentation 5: Paper Session 20
Biomarkers of Tobacco Use
Audience: C, PH/E

8:00 a.m.-9:30 a.m. ............... Chicago Ballroom 8 (Level 4)
Podium Presentation 5: Paper Session 21
Smoking and Social Media
Audience: C, PH/E

9:30 a.m.-10:00 a.m. ............... Sheraton 5 (Level 4)
Refreshment Break

Audience Key:
BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment
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<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Chicago Ballroom 8 (Level 4)</td>
<td>Podium Presentation 6: Paper Session 22 Disparities Populations</td>
<td>HD, PH/E, P, T, PC</td>
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<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Sheraton Ballroom 2 (Level 4)</td>
<td>Podium Presentation 6: Paper Session 23 Tobacco Health Warning</td>
<td>P, PH/E, LMIC, I</td>
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<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Chicago Ballroom 9 (Level 4)</td>
<td>Podium Presentation 6: Paper Session 24 Smoking in Pregnancy</td>
<td>T, C</td>
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<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Sheraton Ballroom 1 (Level 4)</td>
<td>Podium Presentation 6: Paper Session 25 Nicotine and Cue Reactivity</td>
<td>PC, C</td>
</tr>
<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Chicago Ballroom 10 (Level 4)</td>
<td>Podium Presentation 6: Paper Session 26 Interaction Between Alcohol and Smoking</td>
<td>C, PH/E</td>
</tr>
<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Chicago Ballroom 6 (Level 4)</td>
<td>Podium Presentation 6: Paper Session 27 Smoking and Psychiatric Co-Morbidities</td>
<td>C, T, PH/E</td>
</tr>
<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Sheraton Ballroom 3 (Level 4)</td>
<td>Podium Presentation 6: Paper Session 28 Other Tobacco Products</td>
<td>P, PH/E, I, LMIC</td>
</tr>
<tr>
<td>10:00 a.m.-11:30 a.m.</td>
<td>Sheraton Ballroom 4 (Level 4)</td>
<td>Podium Presentation 6: Paper Session 29 Hot Topics Rapid Fire Session</td>
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<tr>
<td>11:30 a.m.-1:00 p.m.</td>
<td>Riverwalk B (Exhibition Level 1)</td>
<td>Poster Session 5: Rapid Response</td>
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Published on behalf of the Society for Research on Nicotine and Tobacco (SRNT) by Oxford University Press (OUP), Nicotine & Tobacco Research (N&TR) is one of the world’s few peer-reviewed journals devoted exclusively to the study of nicotine and tobacco.

It aims to provide a forum for empirical findings, critical reviews, and conceptual papers on the many aspects of nicotine and tobacco, including research from the biobehavioral, neurobiological, molecular biologic, epidemiological, prevention, and treatment arenas.

**IMPACT FACTOR: 3.296**

Ranked 3/35 in Substance Abuse category*
Ranked 13/147 in Public, Environmental, and Occupational Health category*

*Thomson Reuters ISI Social Science Citation Index

**MEET THE EDITORS SESSION**

N&TR Editor-in-Chief Marcus Munafò and several Deputy Editors will be available Thursday, March 3 at 7 am for a drop-in session about the journal. Ask questions about the submission and peer-review processes, discuss the suitability of your manuscript for the journal, and just meet the editorial team.

**JOURNAL ACCESS FOR MEMBERS**

SRNT membership includes a subscription to N&TR. Electronic journal access is via the SRNT website, and members can request a print subscription via the annual membership-renewal form. Individual print issues may be purchased via OUP.