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MESSAGE FROM THE PROGRAM CHAIR

Dear Colleagues,

On behalf of the SRNT Program Committee, we welcome you to the 28th Annual Meeting of the Society for Research on Nicotine and Tobacco (SRNT) in Baltimore!

The program theme this year is "Innovation and Opportunity in a Changing Landscape: Working Together to Advance Nicotine Science to Achieve Health Equity". This theme has guided our selection of plenary sessions, and we have aimed to include submitted content across pre-clinical and basic science, epidemiology, clinical trials, health equity studies, and policy to better understand, prevent, and treat tobacco use. As always, the Annual Meeting will showcase cutting-edge scientific presentations across the full spectrum of basic and applied research on nicotine and tobacco. There will be presentations on pivotal clinical trials of innovative treatments, smoking endgame strategies, new and synthetic nicotine products, global perspectives, neurobiological mechanisms and genomics, plus hot topics in the areas of menthol bans, equity impacts of policies, nicotine reduction, tobacco-use epidemiology, co-use with cannabis, smoking, and COVID, biomarkers, tobacco product regulation, cessation, and tobacco control policy.

Several key highlights for the meeting are:

**Tuesday, March 15, 2022**
3:30 p.m.-5:00 p.m. EDT
**Opening Plenary Session**
Presidential Symposium & SRNT 2022 President’s Award Theme Lecture: Imagination and Vision: Freedom from Non-Conformity and Reflections on the Possibilities

**Session Chairs:** Megan Piper, PhD, SRNT President 2021-2022; University of Wisconsin, Madison, WI, USA; Mignonne C. Guy, PhD, Virginia Commonwealth University, Richmond, VA, USA

**Presenter:** Pebbles Fagan, PhD, MPH, SRNT 2022 President’s Award Recipient, Professor Director, Center for the Study of Tobacco, Department of Health Behavior and Health Education Fay W. Boozman College of Public Health, Director of Research, Office of Health Initiatives and Disparities Research, Department of Surgery, College of Medicine and Winthrop P. Rockefeller Cancer Institute, University of Arkansas for Medical Sciences

**Overview:** This symposium will review the key SRNT milestones from 2021-2022 and bestow the SRNT Presidential Award to Dr. Pebbles Fagan. Following an introduction from Dr. Mignonne Guy, Dr. Fagan will present on Imagination and Vision: Freedom from Non-Conformity and Reflections on the Possibilities.
Wednesday, March 16, 2022
8:30 a.m.-9:30 a.m. EDT
Health Equity Theme Lecture
Authentic Equity in Tobacco Disparities Research
Linda A. Alexander, EdD
Senior Associate Dean of Academic, Student, and Faculty Affairs
Professor, Social and Behavioral Sciences
Chair, School of Public Health Diversity & Inclusion Task Force
West Virginia University School of Public Health

Wednesday, March 16, 2022
1:30 p.m.-2:30 p.m. EDT
Clinical Theme Lecture and Recipient of the 2022 Ferno Award
CrEATE: A Procedure to Efficiently Detect Efficacy in Novel Treatments for Cessation
Kenneth Perkins, PhD
Professor of Psychiatry, Psychology, and Epidemiology
University of Pittsburgh

Thursday, March 17, 2022
10:30 a.m.-11:30 a.m. EDT
Policy Theme Lecture
Achieving a Smoke-Free Generation in a Post-COVID World: Progress, Equity, and Innovation in England
Kevin Fenton, MBBS (Hons) MSc, PhD, FFPH
Professor
Regional Director London, Office of Health Improvement and Disparities
Department of Health and Social Care
Regional Director for Public Health, NHS London
Statutory Health Advisor to the Mayor of London, GLA and London Assembly

Thursday, March 17, 2022
1:00 p.m.-1:45 p.m. EDT
Jarvik-Russell New Investigator Plenary and Recipient of the 2022 Jarvik-Russell Award
Smoke and Mirrors: Uncovering the Public Health Impact of E-Cigarettes
Jessica Barrington-Trimis, PhD
Assistant Professor of Population and Public Health Sciences
Keck School of Medicine
University of Southern California
**Thursday, March 17, 2022**
1:45 p.m.-2:45 p.m. EDT  
**Pre-Clinical Theme Lecture**  
*Understanding the Brain Systems that Promote Nicotine Use in Vulnerable Populations*  
Laura E. O’Dell, PhD  
Professor of Behavioral Neuroscience  
Associate Vice President for Research  
Department of Psychology  
University of Texas, El Paso

**Friday, March 18, 2022**
9:45 a.m.-10:45 a.m. EDT  
**Public Health Theme Lecture and Recipient of the 2022 John Slade Award**  
*Monitoring the Evolving Tobacco/Nicotine Marketplace: Lessons Learned and Future Priorities to Reduce Tobacco-caused Morbidity and Mortality*  
Cristine Delnevo, PhD, MPH, FAAHB  
Director, Rutgers Center for Tobacco Studies  
Professor, Department of Health Behavior, Society & Policy, Rutgers School of Public Health  
Senior Advisor, Tobacco Control Rutgers Cancer Institute of New Jersey

Also not to be missed:

- The Opening Reception on Tuesday, March 15, from 5:00 p.m.-6:30 p.m. EDT, which will include hors d’oeuvres. All attendees are welcome!
- The Awards Ceremony on Wednesday, March 16, 1:00 p.m.-1:30 p.m. EDT, with special recognition of Ferno Award Winner, Dr. Kenneth Perkins; John Slade Award Winner, Dr. Cristine Delnevo; and Jarvik-Russell Award Winner, Dr. Jessica Barrington-Trimis.
- A live taping of the popular podcast, Addy Hour featuring Nii A. Addy, PhD (Yale School of Medicine, New Haven, CT), and special guest speakers on Wednesday, March 16, 6:00 p.m.-7:00 p.m. EDT

For meeting attendees arriving early, there is a special Pre-Conference Workshop, “It’s All About the Science: How Do We Do It Thoughtfully in a Changing Environment”. This Workshop is complimentary and available in-person to all paid 2022 meeting attendees. Don’t miss this valuable workshop that will be held on Tuesday, March 15, from 8:30 a.m.-12:00 Noon EDT.

Despite uncertainty arising from the ongoing effects of the pandemic, SRNT received more than 1,000 abstract submissions. Over the past year, we have worked to create a timely and high-quality scientific program spanning the full breadth of the nicotine and tobacco research field.
We encourage you to attend sessions that offer insights beyond your expertise, to come together with new and old colleagues and friends to establish new ways of working in the changing scientific, regulatory, and social landscape of 2022 and, importantly, we hope that you enjoy the meeting and the exciting city of Baltimore!

Kind Regards,
Jamie Brown, PhD, CPsychol  
*Program Chair*

Christie D. Fowler, PhD;  
Grace Kong, PhD;  
Jennifer Pearson, PhD, MPH;  
and  
Sabrina L. Smiley, PhD  
*Program Co-Chairs*
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Amanual Mersha, MD
Cristina Miliano, PhD
Sarah Mills, PhD, MPH
Martin Mlinaric, PhD
Ute Mons, PhD
Christian Montanari, PhD
Jennifer C. Morgan, PhD
Kylie Morphett, PhD
Richa Mukerjee, MPA
Cara Murphy, PhD
Vicki Myers, PhD

Gera Nagelhout, PhD
Uma Nair, PhD
Motohiro Nakajima, PhD
Noelle Natale, PBS
Jacques Nguyen, PhD
Nhung Nguyen, PhD
France Nguyen-Grozavu, PhD
Aaron Nichols, PhD
Seth M. Noar, PhD
Maggie Nolan, MD
Nikki Nolan, PhD
Eric J. Nunes, PhD

Carol Ochoa, PhD(c), MPH
Michelle O’Hegarty, PhD
Anthony Oliver, PhD
Jason Oliver, PhD
Sophie Orton, PhD
Olatokunbo (Ola) Osibogun, MBBS, MPH, PhD
Deborah J. Ossip, PhD
Alexey Ostroumov, PhD
Jenny E. Ozga, PhD

Lauren Pacek, PhD
Amanda Palmer, PhD
Raina Pang, PhD
Maria A. Parker, PhD
Keryn E. Pasch, PhD, MPH
Akash Patel, MPH
Minal Patel, PhD, MPH
Joanne Patterson, PhD, MPH, MSW
Parvati Perman-Howe, PhD
Olga Perski, PhD
Nicole Petersen, PhD
Lilianna Phan, PhD, MPH, MS
Wallace Pickworth, PhD
Barbara Pinerio, PhD
Lucy Popova, PhD
David Portnoy, PhD, MPH
Vidya Purushothaman, MBBS, MAS, MPH
Lurdes Queimado, PhD
Amanda Quisenberry, PhD
Irfan Rahman, PhD
Shafiqur Rahman, PhD
Tabassum Rahman, MDvst, MSS
Lavanya Rajesh Kumar, PhD
Jelena Musta Rakic, PhD
Patrick Randall, PhD
Leah M. Ranney, PhD
Anne Readshaw, PhD
Vaughan Rees, PhD
Jessica Reid, MSc
Reed Reynolds, PhD
Myra Rice, MA
Chris Richards, PhD
Chris Risher, PhD
Louise Risher, PhD
Annelies Robin, PhD
Debbie Robson, PhD
Zachary A. Rodd, PhD
Rosibel Rodríguez-Bolanos, PhD
Katelyn Romm, PhD
Carrie Rosario, DrPH, MPH
Shyanika Rose, PhD
Rachel Rosen, MS
Ashley M. Ross, MPH
Dana Rubenstein, AB
Laura Rupprecht, PhD
Belen Saenz de Miera, PhD
Lisa Sanderson-Cox, PhD
Brandon Sanford, MS
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Lion Shahab, PhD
Ce Shang, PhD
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Scott Sherman, MD
Kimberly Shoenbill, MD, PhD
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Faraz Siddiqui, MPH
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Morgan Snell, PhD
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Frances Thirlway, PhD
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Dennis Thomas, PhD
Ross Thomson, PhD
Bernadett Tildy, MSc
Rachel Tomko, PhD
Sarah Tonkin, MA
Anh Tran, PhD
Dennis R. Trinidad, PhD
SRNT would like to thank the Program Committee members and abstract reviewers for the effort and expertise they contributed to the 2022 SRNT Annual Meeting.
<table>
<thead>
<tr>
<th>Year</th>
<th>President</th>
<th>Program Chair(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>Ovide Pomerleau, PhD</td>
<td>Kenneth Perkins, PhD, Chair</td>
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<tr>
<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>
<td>Steve Heishman, PhD, Chair</td>
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<td>1998</td>
<td>Maxine Stitzer, PhD</td>
<td>Scott J. Leischow, PhD, Chair</td>
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<tr>
<td>1999</td>
<td>Jack Henningfield, PhD</td>
<td>Joy Schmitz, PhD, Chair</td>
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<tr>
<td>1999-2000</td>
<td>Dorothy Hatsukami, PhD</td>
<td>David Wetter, PhD, Chair</td>
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<tr>
<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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<tr>
<td>2001-2002</td>
<td>Kenneth Perkins, PhD</td>
<td>Thomas Eissenberg, PhD, Chair</td>
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<tr>
<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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<tr>
<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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<tr>
<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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<tr>
<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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<tr>
<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>Cynthia A. Conklin, 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>Robert Scholl, PhD, Co-Chair</td>
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<td>2008-2009</td>
<td>Scott J. Leischow, PhD</td>
<td>Bernard Le Foll, MD, PhD, Chair</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>Robert A. Schnoll, PhD, Co-Chair</td>
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<tr>
<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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<tr>
<td>Year</td>
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<td>Program Chair(s)</td>
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<tr>
<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>Joanna Cohen, PhD, Co-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>
<td>Joanna Cohen, PhD, Chair</td>
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<td>Cristiano Chiamulera, PharmD, Co-Chair</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>Angela Attwood, PhD, Co-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, PharmD, Co-Chair</td>
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<td>Natalie Walker, PhD, Co-Chair</td>
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<tr>
<td>2015-2016</td>
<td>Robin Mermelstein, PhD</td>
<td>Natalie Walker, PhD, Chair</td>
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<td>Maciej L. Goniewicz, PharmD, Co-Chair</td>
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<td>Rachel Grana, PharmD, Co-Chair</td>
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<td>2016-2017</td>
<td>Deborah Ossip, PhD</td>
<td>Maciej L. Goniewicz, PharmD, Chair</td>
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<td>Rachel Grana, PharmD, Co-Chair</td>
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<td>Daniel Kotz, PharmD, Co-Chair</td>
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<tr>
<td>2017-2018</td>
<td>Judith Prochaska, PhD, MPH</td>
<td>Rachel Grana Mayne, PharmD, Co-Chair</td>
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<td>Lisa Fucito, PharmD, Co-Chair</td>
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<td>Gideon St.Helen, PharmD, Co-Chair</td>
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<tr>
<td>2018-2019</td>
<td>Marina Picciotto, PhD</td>
<td>Lisa Fucito, PharmD, Co-Chair</td>
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<td>Andrea Villanti, PharmD, Co-Chair</td>
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<td>2019-2020</td>
<td>Suzanne Colby, PhD</td>
<td>Andrea Villanti, PharmD, Co-Chair</td>
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<td>Jamie Brown, PharmD, Co-Chair</td>
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<td>Erin McClure, PharmD, Co-Chair</td>
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<td>Gideon St.Helen, PharmD, Co-Chair</td>
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<tr>
<td>2020-2021</td>
<td>Suchitra Krishnan-Sarin, PhD</td>
<td>Erin McClure, PharmD, Co-Chair</td>
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<td>Jamie Brown, PharmD, Co-Chair</td>
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<td>Jennifer Pearson, PharmD, Co-Chair</td>
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<td>2021-2022</td>
<td>Megan Piper, PhD</td>
<td>Jamie Brown, PharmD, Co-Chair</td>
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<td>Christie D. Fowler, PharmD, Co-Chair</td>
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<td>Grace Kong, PharmD, Co-Chair</td>
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<td>Jennifer Pearson, PharmD, Co-Chair</td>
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<td>Sabrina L. Smiley, PharmD, Co-Chair</td>
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EDUCATIONAL OBJECTIVES

• Address nicotine’s and tobacco’s role in the changing health care environment.
• Describe new basic science and clinical research data on the effects of nicotine and tobacco.
• Discuss recent advances across all levels of nicotine and tobacco research, including tobacco regulatory science.
• Highlight international research on tobacco control.
• Integrate current research with implications for clinical practice through scientific exchange.
• Address clinical, public health, and health equity implications of concurrent use of tobacco with other psychoactive substances and drugs.
• Highlight novel approaches to advance health equity in nicotine and tobacco research.

REGISTRATION

Conference registration, open daily, will be located in the area known as “SRNT CENTRAL” on the Second Floor South Foyer outside of the Key Ballroom of the Baltimore Hilton Hotel during the Annual Meeting. Hours for the SRNT registration desk during the conference are as follows:

Monday, March 14 ................................................................................................................... 4:30 p.m.-6:30 p.m.
Tuesday, March 15 .................................................................................................................. 7:00 a.m.-7:00 p.m.
Wednesday, March 16 ............................................................................................................. 7:00 a.m.-5:30 p.m.
Thursday, March 17 ................................................................................................................. 7:15 a.m.-5:00 p.m.
Friday, March 18 .................................................................................................................... 7:30 a.m.-12:30 p.m.

TARGET AUDIENCE

The 28th Annual Meeting of SRNT is geared toward individuals involved in the research of nicotine and tobacco. This includes basic, clinical, policy, public health, and health equity scientists from academia, government, and industry.

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 and SRNT will not provide CME for these symposia. Satellite Symposia presenters are responsible for providing disclosures during their session.
Poster sessions have specific times designated for the authors to be present to discuss their posters with attendees in the Baltimore Hilton Hotel meeting space: Key Ballroom 7-12 (Main Building, 2nd Floor). Have your SRNT badge at all times to gain access to this area. An attendant will be checking badges at all times. (Refer to the SRNT area maps for exact location.) All posters must be removed immediately during the designated dismantle time for each session outlined below.

The schedule for poster presentation, assembly, authors present, and dismantle is as follows:

**Wednesday, March 16**

*Poster Session 1*

9:30 a.m. - 10:30 a.m. ................................................................. Presenters set up poster
11:30 a.m. - 1:00 p.m. ............................................... Poster Session 1 *(Presenters available at their poster)*
1:00 p.m. - 1:30 p.m. ................................................................. Presenters remove their poster

*Poster Session 2*

2:30 p.m. - 3:30 p.m. ................................................................. Presenters set up poster
4:30 p.m. - 6:00 p.m. ............................................... Poster Session 2 *(Presenters available at their poster)*
6:00 p.m. - 6:30 p.m. ................................................................. Presenters remove their poster

**Thursday, March 17**

*Poster Session 3*

10:00 a.m. - 11:00 a.m. ................................................................. Presenters set up poster
11:30 a.m. - 1:00 p.m. ............................................... Poster Session 3 *(Presenters available at their poster)*
1:00 p.m. - 1:30 p.m. ................................................................. Presenters remove their poster

*Poster Session 4*

2:45 p.m. - 3:45 p.m. ................................................................. Presenters set up poster
4:45 p.m. - 6:00 p.m. ............................................... Poster Session 4 *(Presenters available at their poster)*
6:00 p.m. - 6:30 p.m. ................................................................. Presenters remove their poster

*This session is designated for On-Demand Papers (Pre-recorded Paper “Plus”) presenters who are given the option to discuss their research with peers at a live Q&A during Poster Session 4. If the presenter is not present during this session, please refer to the list of abstracts starting on page 80 of this program, refer to SRNT Central Online, or check out the SRNT 2022 abstract PDF.*
Friday, March 18

*Poster Session 5*

9:30 a.m. - 11:00 a.m. ......................................................... Presenters set up poster
12:30 p.m. - 2:00 p.m. ......................................... *Poster Session 5 (Presenters available at their poster)*
2:00 p.m. - 2:30 p.m. ......................................................... Presenters remove their poster
Important Information for all Oral Presentations:

The Speaker Ready Room is located in the meeting room **Mencken** (East Building, Second Floor). Each speaker using computerized audio-visual equipment for their presentation at the 2022 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 note these important times to stop by at least 12-24 hours prior to your scheduled session.

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:

- **Monday, March 14** ................................................................. 4:30 p.m.-6:30 p.m.
- **Tuesday, March 15** .................................................................................................................. 7:00 a.m.-7:00 p.m.
- **Wednesday, March 16** .......................................................... 7:00 a.m.-5:30 p.m.
- **Thursday, March 17** ............................................................. 7:30 a.m.-5:30 p.m.
- **Friday, March 18** .................................................................................................................... 7:00 a.m.-11:00 a.m.

Once again, it is mandatory for all speakers to stop by the Speaker Ready Room on site!

<table>
<thead>
<tr>
<th>If Your Presentation Date/Time is…</th>
<th>Then Your Time to Load Your Presentation is…</th>
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</thead>
<tbody>
<tr>
<td>Wednesday, March 16 between 8:00 a.m.-12:00 noon</td>
<td>Report to the Speaker Ready Room either Monday, March 14, or Tuesday, March 15, during open hours noted above. (Please do not report the same day as your scheduled presentation.)</td>
</tr>
<tr>
<td>Wednesday, March 16 between 1:00 p.m.-5:00 p.m.</td>
<td>Report to the Speaker Ready Room 24-hours prior to your scheduled presentation, but no later than 10:30 a.m. on Wednesday, March 16.</td>
</tr>
<tr>
<td>Thursday, March 17 between 8:00 a.m.-12:00 noon</td>
<td>Report to the Speaker Ready Room 24-48 hours prior to your scheduled presentation, but no later than 3:00 p.m. on Wednesday, March 16. (Please do not report the same day as your scheduled presentation.)</td>
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<tr>
<td>Thursday, March 17 between 1:00 p.m.-5:00 p.m.</td>
<td>Report to the Speaker Ready Room 24-48 hours prior to your scheduled presentation, but no later than 10:30 a.m. on Thursday, March 17.</td>
</tr>
<tr>
<td>Friday, March 18 between 8:00 a.m.-2:00 p.m.</td>
<td>Report to the Speaker Ready Room 24-48 hours prior to your scheduled presentation, but no later than 3:00 p.m. on Thursday, March 17. (Please do not report the same day as your scheduled presentation.)</td>
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</tbody>
</table>
BADGES

Your badge will admit you to all the educational sessions, welcome reception, and poster sessions at the Annual Meeting. **Please wear your badge at all times. Thank you.**

LUNCHES

SRNT will provide boxed lunches to all paid attendees on Wednesday, March 16, and Thursday, March 17 (see below). **Bring your badge with you, as it will serve as your ticket for lunch.**

**Wednesday, March 16, 2022**
Boxed lunches will be distributed in the **Holiday Ballroom 6 (East Building, Second Floor)** meeting space from 11:30 a.m. to 12:30 p.m. Plan to attend Poster Session 1 while eating your boxed lunch!

**Thursday, March 17, 2022**
Boxed lunches will be distributed in the **Holiday Ballroom 6 (East Building, Second Floor)** meeting space from 11:30 a.m. to 12:30 p.m. Plan to attend Poster Session 3 while eating your boxed lunch!
**Accreditation Statement**
In support of improving patient care, this activity has been planned and implemented by Amedco LLC and The Society for Research on Nicotine and Tobacco. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare.

**Physicians (ACCME) Credit Designation**
Amedco LLC designates this live activity for a maximum of 18.75 [AMA PRA Category 1 Credits](#). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Psychologists (APA) Credit Designation**
Amedco LLC designates this activity for a maximum of 18.75 Psychologist contact hours.

The following state boards accept courses from APA providers for Counselors: AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, MD, ME, MO, NC, ND, NH, NE, NJ, NM, NV, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, WA, WI, WY

**MI:** No CE requirements

The following state boards accept courses from APA providers for MFTs: AK, AR, AZ, CA, CO, CT, DE, FL, GA, IA, ID, IN, KS, MD, ME, MO, NE, NC, NH, NJ, NM, NV, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, WA, WI, WY

**MI:** No CE requirement

The following state boards accept courses from APA providers for Addictions Professionals: AK, AR, CO, CT, DC, DE, GA, IA, IN, KS, LA, MD, MO, MT, NC, ND, NE, NJ, NM, NY (outstate held)*, OK, OR, SC, UT, WA, WI, WY

**MA / MFTs:** Participants can self-submit courses not approved by the MAMFT board for review.

The following state boards accept courses from APA providers for Social Workers: AK, AR, AZ, CA, CO, DE, FL, GA, ID, IN, KY, ME, MN, MO, NE, NH, NM, OR, PA, VT, WI, WY

* If the activity is held live in the state of NY, then direct addictions board is required, ie: NAADAC. If the activity is held outside NY, is virtual, enduring or remote, it is considered “outstate” and this reciprocity applies.

**To Receive Credit:**
After the Annual Meeting, a link to the program evaluation will be emailed to those who paid the fee for continuing education. After the evaluation is completed, a certificate will be available for printing or downloading. Be sure to keep the document or download it to a secure place for future reference.
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Olivia Maynard

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Bruce Wheeler

Dean, SRNT University
Natalie Walker, PhD

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Publications Committee
Adam Leventhal, PhD
Don’t miss the SRNT 2022 Awards Ceremony on Wednesday, March 16, 1:00 p.m. - 2:30 p.m. EDT in the Key Ballroom 1-6 (Main Building, Second Floor). The awards are named after pioneers in the field of nicotine and tobacco research, and we are pleased to remember those pioneers.

Congratulations to the distinguished award recipients below.

THE FERNO AWARD

The Ferno Award honors scientists who have made groundbreaking advances clinical research in three (3) 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.

2022 Award Recipient:

Ken Perkins, PhD
Professor of Psychiatry, Psychology, and Epidemiology
University of Pittsburgh

Wednesday, March 16, 2022
1:30 p.m. - 2:30 p.m. EDT
Clinical Theme Lecture
CrEATE: A Procedure to Efficiently Detect Efficacy in Novel Treatments for Cessation

OVE FERNÖ

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.

THE JARVIK-RUSSELL NEW INVESTIGATOR AWARD

The Jarvik-Russell New 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.

2022 Award Recipient:

Jessica Barrington-Trimis, PhD
2022 Jarvik-Russell New Investigator Awardee
Assistant Professor of Population and Public Health Sciences
Keck School of Medicine
University of Southern California

Jarvik-Russell New Investigator Plenary
Thursday, March 17, 2022
1:00 p.m. - 1:45 p.m. EDT
Smoke and Mirrors: Uncovering the Public Health Impact of E-Cigarettes

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 psychopharmacology in the mid-1950s 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 1980s 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 toward 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.
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.

2022 Award Recipient:

Christine Delnevo, PhD
Director, Rutgers Center for Tobacco Studies
Professor, Department of Health Behavior, Society & Policy, Rutgers School of Public Health
Senior Advisor, Tobacco Control Rutgers Cancer Institute of New Jersey

Friday, March 18, 2022
9:45 a.m. - 10:45 a.m. EDT
Public Health Theme Lecture
Monitoring the Evolving Tobacco/Nicotine Marketplace: Lessons Learned and Future Priorities to Reduce Tobacco-Caused Morbidity and Mortality

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).
2022 NEW INVESTIGATOR AWARD WINNERS FOR BEST ABSTRACT

Congratulations to the five award recipients below.

Francisco Cartujano-Barrera MD, PhD(c)
Assistant Professor
University of Rochester Medical Center

Wednesday, March 16, 2022
10:00 a.m. - 11:30 a.m. EDT
PODIUM 2: Developing Graphic Messages for Vaping Prevention among Black and Latino Adolescents

Anupreet K. Sidhu, PhD, MA
Postdoctoral Researcher
Tobacco Center of Regulatory Science
Perelman School of Medicine
University of Pennsylvania, PA

Wednesday, March 16, 2022
10:00 a.m. - 11:30 a.m. EDT
PODIUM 2: Cognitive Responses to Pictorial Warning Labels and Their Association with Quitting Measures After Continued Exposure

Alexis Monical, MD, PhD(c)
University of Chicago
MSTP Department
Biological Sciences Department
Neurobiology Department

Wednesday, March 16, 2022
10:00 a.m. - 11:30 a.m. EDT
PODIUM 3: Negative Somatic and Affective Nicotine Withdrawal Behavior are Mediated through the Laterodorsal Tegmental Nucleus

Lizeth Cruz-Jiménez, MSc, PhD
Researcher at Evaluation and Surveys Research Center (CIEE)
National Institute of Public Health-Mexico (INSP) Mexico

Thursday, March 17, 2022
3:15 p.m. - 4:45 p.m. EDT
PODIUM 11: Heated Tobacco Product Use Over Time, Its Correlates, and Reasons for Use Among Mexican Smokers and Vapers
Min-Jeong Yang, PhD  
Applied Post Doctoral Fellow  
Moffit Cancer Center, Health Outcomes and Behavior  
Tobacco Research and Intervention Program

Friday, March 18  
8:00 a.m. - 9:30 a.m. EDT  
PODIUM 13: Testing Augmented Reality for Extinction of Cue-Provoked Urges to Smoke: Initial Evidence from a Controlled Experiment

SRNT 2022 REGISTRATION SCHOLARSHIP AWARD WINNERS

| Lois Akinola, USA                | Amanda Palmer, USA         |
| Emma Bondy, USA                 | Lilianna Phan, USA         |
| Diana Carreno, USA              | Vira Pravosud, USA         |
| Zongshuan Duan, USA             | Brandon Sanford, USA       |
| Katherine East, United Kingdom  | Matthew Stone, USA         |
| Daniela Gutiérrez-Torres, USA   | Edward Sutanto, Indonesia  |
| Victoria Lambert, USA           | Bukola Usidame, USA        |
| Amanuel Mersha, Australia       |                             |

SRNT SUPPORTERS

SRNT 2022 is supported by conference registrations and external financial support, including conference sponsors, DLH Corp and the FDA Center for Tobacco Products. SRNT 2022 is further supported by competitive educational grants from Pfizer, Inc., and the U.S. Food and Drug Administration. The Food and Drug Administration (FDA) of the U.S. Department of Health and Human Services (HHS) has provided a financial assistance award [FAIN] totaling $50,000, which equals approximately 46% of external funding; the remaining $55,000, or 54% of external funding comes from non-government source(s). The views and positions are those of the presenting author(s) do not necessarily represent the official views of, nor an endorsement, by FDA/HHS, or the U.S. Government, or any non-government funder.

SRNT would like to thank its supporters for their help in furthering SRNT’s mission to stimulate the generation and dissemination of new knowledge concerning nicotine in all its manifestations, from cellular to societal.

SRNT 2022 POST-CONFERENCE VIRTUAL WORKSHOPS

Don’t forget that along with the in-person SRNT 2022 Annual Meeting, the Program Committee has committed to scheduling five (5) virtual workshops that will be held separately after the in-person meeting. This is due, in large part, to the reduced space availability at the host hotel. All Post-Conference Virtual Workshops are three (3) hours and will be held virtually.

Please note that CME credit will not offered for the Post-Conference Virtual Workshops.
**Workshops include:**

**Post-Conference Virtual Workshop 1**
Date: Tuesday, March 29th at 11:00 a.m. - 2:00 p.m. EDT
Bridging Epidemiology and Prevention to Address Adolescent and Young Adult Tobacco Use

**Post-Conference Virtual Workshop 2**
Date: Thursday, March 31st at 11:00 a.m. - 2:00 p.m. EDT
Integrating Social Determinants of Health and Structural Discrimination in Nicotine and Tobacco Research: Considerations for How to Conduct, Discuss, and Publish this Type of Research

**Post-Conference Virtual Workshop 3**
Date: Thursday, April 7th at 11:00 a.m. - 2:00 p.m. EDT
Global Nicotine and Tobacco Research in the Era of COVID-19

**Post-Conference Virtual Workshop 4**
Date: Tuesday, April 12th at 11:00 a.m. - 2:00 p.m. EDT
Practice: Acceptance and Commitment Therapy for Managing Cravings and Addictive Behaviors

**Post-Conference Virtual Workshop 5**
Date: Thursday, April 14th at 11:00 a.m. - 2:00 p.m. EDT
Non-Combustible Tobacco Products Characterization: Potential Exposure

Detailed information such as presenters and abstracts can be found here: [https://www.srnt.org/page/2022_Post_Con](https://www.srnt.org/page/2022_Post_Con)

Download a PDF copy of the Post-Conference Workshop registration form here: [https://cdn.ymaws.com/www.srnt.org/resource/resmgr/conferences/2022_annual_meeting/docs/SRNT_2022_Registration_Form_.pdf](https://cdn.ymaws.com/www.srnt.org/resource/resmgr/conferences/2022_annual_meeting/docs/SRNT_2022_Registration_Form_.pdf)

Note: Attendees may attend more than one workshop as they all take place on different dates. Attendees interested in attending more than one workshop will receive 50% off each additional workshop after the first Post-Conference Virtual Workshop is paid at full-price.

You will have the option to choose any number of workshops you would like to attend during the Annual Meeting registration process or register closer to the virtual workshop event date. To register online, go here: [https://www.srnt.org/event/2022Baltimore](https://www.srnt.org/event/2022Baltimore)

Any questions, please contact the SRNT National Office via email at: [info@srnt.org](mailto:info@srnt.org).

**ANNUAL MEETING EVALUATION**

Thank you again for attending the meeting! We hope you enjoy the sessions and Baltimore, Maryland, USA. An overall program evaluation will be emailed to all Annual Meeting participants following the conference. Your feedback is greatly appreciated!
SESSION SUMMARIES
TUESDAY
MARCH 15, 2022
MONDAY, MARCH 14, 2022

(Note: All presentation times are in Eastern Daylight Time [EDT].)

4:30 p.m. - 6:30 p.m.
   Key Ballroom Foyer (Main Building, Second Floor)
   SRNT Registration

4:30 p.m. - 6:30 p.m.
   Mencken (East Building, Second Floor)
   Speaker Ready Room

TUESDAY, MARCH 15, 2022
PRE-CONFERENCE

(Note: All presentation times are in Eastern Daylight Time [EDT].)

7:00 a.m. - 7:00 p.m.
   SRNT Central - Key Ballroom Foyer (Main Building, Second Floor)
   SRNT Registration

7:00 a.m. - 7:00 p.m.
   Mencken (East Building, Second Floor)
   Speaker Ready Room

8:30 a.m. - 12:00 Noon
   Key Ballroom 1-6 (Main Building, Second Floor)
   Pre-Conference Workshop:
   It’s All About the Science: How Do We Do It Thoughtfully in a Changing Environment?

   Session Chair: Megan Piper, PhD

   This timely and important workshop will allow participants to stop and think about complex issues as well as how best to communicate with others so that we can work together to enhance tobacco science and public health, while creating critical space to engage in healthy debate. Participants will be actively involved throughout the morning with surveys and discussions.
8:30 a.m. - 8:45 a.m.
   Introduction

8:45 a.m. - 9:00 a.m.
   History of Conflicts in Tobacco Science

9:00 a.m. - 9:30 a.m.
   Advancing Science in the Face of Discord

9:30 a.m. - 9:45 a.m.
   Discussant

9:45 a.m. - 10:30 a.m.
   Panel Discussion 1: The Complexities of E-cigarettes and Other Novel Tobacco Products

10:30 a.m. - 10:45 a.m.
   Key Ballroom Foyer (Main Building, Second Floor)
   Pre-Conference Workshop Refreshment Break

10:45 a.m. - 11:00 a.m.
   Discussant

11:00 a.m. - 11:45 a.m.
   Panel Discussion 2: The Challenges of Research Funding

11:45 a.m. - 12:00 Noon
   General Discussion

12:00 Noon - 1:30 p.m.
   Lunch Break (on your own)

Audience Key: PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
1:30 p.m. - 3:00 p.m.  
Key Ballroom 1-6 (Main Building, Second Floor)  
**Pre-Conference: UPDATES ON THE FDA CENTER FOR TOBACCO PRODUCTS**

*Session Chairs:* Mitch Zeller, JD; Megan Piper, PhD

*Presenters:* Mitch Zeller, JD, Director of the FDA Center for Tobacco Products; Benjamin Apelberg, PhD, MHS, Deputy Director for Regulatory Science in the Office of Science at the FDA Center for Tobacco Products; Kathleen Crosby, BA, Director of the Office of Health Communications and Education at the FDA Center for Tobacco Products

During this session, leaders from the FDA Center for Tobacco Products (CTP) will discuss updates on a wide range of programmatic areas including tobacco product regulations, compliance and enforcement activities, tobacco regulatory research, product review and public education. CTP Director Mitch Zeller will discuss recent and upcoming regulatory actions, CTP’s progress on the review of premarket tobacco product applications, and regulatory issues raised by the reports of increased use of synthetic nicotine. Dr. Ben Apelberg, Deputy Director for Regulatory Science in CTP’s Office of Science, will provide further details on the scientific review and decisions associated with premarket tobacco product applications, as well as discuss the latest in tobacco regulatory science and current funding opportunities. Kathy Crosby, Director of CTP’s Office of Health Communication and Education, will provide updates on CTP’s public education campaigns, including a new effort to reach American Indian and Alaska Native youth audiences and how existing campaigns have shifted risk perceptions of vapes among teens.
TUESDAY, MARCH 15, 2022
ANNUAL CONFERENCE

3:30 p.m. - 5:00 p.m.
Key Ballroom 1-6 (Main Building, Second Floor)

Opening Plenary Session
Presidential Symposium & SRNT 2022 President’s Award Theme Lecture:
Imagination and Vision: Freedom from Non-Conformity and Reflections on the Possibilities

Session Chairs: Megan Piper, PhD, SRNT President 2021-2022; University of Wisconsin, Madison, WI, USA; Mignonne C. Guy, PhD, Virginia Commonwealth University, Richmond, VA, USA

Presenter: Pebbles Fagan, PhD, MPH, SRNT 2022 President’s Award Recipient, Professor, Director, Center for the Study of Tobacco, Department of Health Behavior and Health Education, Fay W. Boozman College of Public Health, Director of Research, Office of Health Initiatives and Disparities Research, Department of Surgery, College of Medicine and Winthrop P. Rockefeller Cancer Institute, University of Arkansas for Medical Sciences

This year’s Presidential Symposium will feature the 2022 SRNT Presidential Award Winner, Dr. Pebbles Fagan. Following an introduction by Dr. Mignonne Guy, Dr. Fagan will share her presentation – Imagination and Vision: Freedom from Non-Conformity and Reflections on the Possibilities. In addition to celebrating Dr. Fagan’s contributions to the field of nicotine and tobacco science, we will also be celebrating the accomplishments of SRNT over the past year, including the completion of the Racial Equity Task Force’s work and their final recommendations to the SRNT Board.

5:00 p.m. - 6:30 p.m.
Holiday Ballroom 6 (East Building, Second Floor)
Opening Welcome Reception

Audience Key: PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
(Note: All presentation times are in Eastern Daylight Time [EDT].)

7:00 a.m. - 5:30 p.m.
   SRNT Central - Key Ballroom Foyer (Main Building, Second Floor)
   **SRNT Registration**

7:00 a.m. - 5:30 p.m.
   Mencken (East Building, Second Floor)
   **Speaker Ready Room**

7:30 a.m. - 8:15 a.m.
   Peale A (East Building, First Floor)
   **Health Disparities Network “Meet Up” for Coffee**

7:30 a.m. - 8:15 a.m.
   Johnson A (East Building, First Floor)
   **Adolescent Network “Meet Up” for Coffee**

7:30 a.m. - 8:15 a.m.
   Johnson B (East Building, First Floor)
   **Global Research Network “Meet Up” for Coffee**

7:30 a.m. - 8:15 a.m.
   Peale B (East Building, First Floor)
   **Basic Science Network “Meet Up” for Coffee**

7:30 a.m. - 8:15 a.m.
   Peale C (East Building, First Floor)
   **Policy Network “Meet Up” for Coffee**
8:30 a.m. - 9:30 a.m.
Key Ballroom 1-6 (Main Building, Second Floor)
**Health Equity Theme Lecture: Authentic Equity in Tobacco Disparities Research**

**Session Chair:** Pebbles Fagan, PhD, MPH

**Presenter:** Linda A. Alexander, EdD, Senior Associate Dean of Academic, Student, and Faculty Affairs, Professor Social and Behavioral Sciences, Chair, School of Public Health Diversity & Inclusion Task Force, West Virginia University School of Public Health

9:30 a.m. - 10:00 a.m.
Holiday Ballroom 6 (East Building, Second Floor)
**Refreshment Break**

10:00 a.m. - 11:30 a.m.
Holiday Ballroom 2 (East Building, Second Floor)
**Podium Presentation 1: Paper Session 1 (POD 1)**

**ENGAGING IN SYSTEMS SCIENCE TO REDUCE TOBACCO-RELATED HEALTH DISPARITIES AND PROMOTE EQUITY**

**Chair:** Andrea Titus  
**Audience:** HE, PH, C, P

POD1-1: REDUCING RURAL TOBACCO DISPARITY: A LOW BURDEN POINT OF CARE MODEL  
Li-Shiun Chen*, Justin Yu, Nina Smock, Giang Pham, Jingling Chen, Alex Ramsey, Patricia Cavazos-Rehg, Aimee James

POD1-2: RECIPROCAL BENEFITS OF LUNG CANCER SCREENING AND TOBACCO TREATMENT ON UPTAKE AND EQUITY OF PRIMARY AND SECONDARY PREVENTION  
Alex Ramsey*, Christine Doroshenko, David Gierada, Ruben Nava, Anne Stilinovic, Foluso Ademuyiwa, Li-Shiun Chen, Laura Bierut

POD1-3: EVALUATING THE EFFICIENCY OF TOBACCO TREATMENT PROGRAMS IN THE CANCER MOONSHOT CANCER CENTER CESSATION INITIATIVE: DATA ENVELOPMENT ANALYSIS  
Ramzi Salloum*, Sarah Hohl, Margaret Nolan, Heather D’Angelo, Yasmin Asvat, Li-Shiun Chen, Andrew Day, Adam Goldstein, Brian Hitsman, Deborah Hudson, Andrea King, Cho Lam, Katie Lenhoff, Arnold Levinson, Cary Presant, Judith Prochaska, Kimberly Shoenbil, Kathryn Taylor, Hilary Tindle, Elisa Tong, Justin White, Graham Warren, Michael Fiore, Betsy Rolland
POD1-4: PROJECT SUN A CULTURALLY ADAPTED SMOKING CESSATION CURRICULUM FOR AMERICAN INDIAN YOUTH  
Claradina Soto*, Guadalupe Ramos

POD1-5: CAN INPATIENT PHARMACISTS MOVE THE NEEDLE ON SMOKING CESSATION? EVALUATING REACH AND REPRESENTATIVENESS OF A PHARMACIST-LED OPT-OUT SMOKING CESSATION INTERVENTION PROTOCOL FOR HOSPITAL SETTINGS  
Paul Creswell, Danielle McCarthy*, Philip Trapskin, Ann Sheehy, Amy Skora, Rob Adsit, Mark Zehner, Timothy Baker, Michael Fiore

POD1-6: SUSTAINING INPATIENT TOBACCO TREATMENT MEASURES OUTCOMES DURING COVID-19 VIA EVIDENCE-BASED TREATMENTS, ELECTRONIC HEALTH RECORD SOLUTIONS, AND HIGH RELIABILITY ORGANIZATION PRINCIPLES  
Dawn Johnson*, Justin Iannello

10:00 a.m. - 11:30 a.m.  
Holiday Ballroom 4 (East Building, Second Floor)  
Podium Presentation 1: Symposium 1 (SYM 1)

DECOLONIZING TOBACCO: WHAT THAT MEANS IN NICOTINE AND COMMERCIAL TOBACCO RESEARCH  
Chair: Hershel Clark*  
Audience: HE, P

SYM1-1: UNDERSTANDING TOBACCO  
Patricia Nez-Henderson*

SYM1-2: INDIGENOUS WORLDVIEWS AND UNDERSTANDING OF TOBACCO AND HEALTH  
Raglan Maddox*

SYM1-3: INDIGENOUS DATA SOVEREIGNTY  
Ray Lovett*

SYM1-4: DECOLONIZING TOBACCO - WHERE TO FROM HERE?  
Michelle Bovill*, Heather Gifford
10:00 a.m. - 11:30 a.m.
Holiday Ballroom 1 (East Building, Second Floor)
Podium Presentation 1: Paper Session 2 (POD 2)

RAPID FIRE: DEVELOPING AND EVALUATING RISK MESSAGES

Chair: Olivia Wackowski
Audience: PH, P

POD2-1: DEVELOPING GRAPHIC MESSAGES FOR VAPE PREVENTION AMONG BLACK AND LATINO ADOLESCENTS
Francisco Cartujano-Barrera*, Chiamaka Azogini, Scott McIntosh, Deborah Ossip, Ana Paula Cupertino

POD2-2: COGNITIVE RESPONSES TO PICTORIAL WARNING LABELS AND THEIR ASSOCIATION WITH QUITTING MEASURES AFTER CONTINUED EXPOSURE
Anupreet Sidhu*, Andrea Johnson, Valentina Souprountchouk, Olivia Wackowski, Andrew Strasser, Melissa Mercincavage

POD2-3: EFFECTS OF WATERPIPE TOBACCO RISK MESSAGES AMONG YOUNG ADULT WATERPIPE SMOKERS AND SUSCEPTIBLE NONSMOKERS: RESULTS OF A RANDOMIZED CONTROLLED TRIAL
Darren Mays*, Elise Stevens, Glenn Leshner, Brittney Keller-Hamilton, Theodore Wagener, Abigail Shoben, Andrea Villanti

POD2-4: THE ROLE OF AFFECTIVE REACTIVITY INDUCED BY CIGARETTE PACKAGING INCLUDING GRAPHIC WARNING LABELS
Matthew Stone*, David Strong, Claudiu Dimofte, Tingyi Yang, Samantha Hurst, Eric Leas, Kim Pulvers, John Pierce

POD2-5: DEVELOPING TOBACCO PACK WARNING LABELS TO INFORM SMOKERS ABOUT THE MISLEADING EFFECTS OF FILTER VENTING
Emily Brennan*, Kimberley Dunstone, Amanda Vittiglia, Tamara Tabbakh, Sarah Durkin, Janet Hoek, James Thrasher, Dorothy Hatsukami, Jonathan Samet, Melanie Wakefield

POD2-6: ON-PACK MESSAGING FOR ENDS PRODUCTS: A DISCRETE CHOICE STUDY
Janet Hoek*, Philip Gendall, Christine Eckert, Jordan Louviere

POD2-7: EFFECT OF NICOTINE CORRECTIVE MESSAGING ON NICOTINE-RELATED BELIEFS IN U.S. ADULTS: A RANDOMIZED CONTROLLED TRIAL
Andrea Villanti*, Jeffrey Priest, Catherine Peasley-Miklus, Darren Mays, Eric Donny, Joseph Cappella, Andrew Strasser

POD2-8: ADOLESCENT PERCEPTIONS OF VAPE PREVENTION MESSAGES: AN EXAMINATION OF PERCEIVED MESSAGE EFFECTIVENESS
Marcella Boynton, PhD*, Nora Sanzo, MPH, Whitney Brothers, Alex Kresovich, Erin Sutfin, PhD, Paschal Sheeran, PhD, Seth Noar, PhD
10:00 a.m. - 11:30 a.m.
Holiday Ballroom 5 (East Building, Second Floor)
Podium Presentation 1: Symposium 2 (SYM 2)

CESSATION INTERVENTIONS FOR ADDRESSING SMOKING DISPARITIES

Chair: Jonathan Bricker*
Audience: C, HE, P
SYM2-1: THE NEED TO ADDRESS INEQUALITIES: TIME FOR MORE TARGETED SMOKING CESSATION INTERVENTIONS
Natalie Walker*, Billie Bonevski, Mohamed Hammoud, Garrett Prestage, Peter Saxton
SYM2-2: EFFICACY AND UTILIZATION OF AN ACCEPTANCE AND COMMITMENT THERAPY-BASED SMARTPHONE APPLICATION FOR SMOKING CESSATION AMONG BLACK ADULTS: ANALYSIS OF THE ICANQUIT RANDOMIZED TRIAL
Jonathan Bricker*, Kristin Mull, Brianna Sullivan, Diana Kwon, Nicole Nollen, Michael Zvolensky
SYM2-3: EXTENDED SELF-HELP SMOKING CESSATION INTERVENTION FOR SPANISH-SPEAKING HISPANICS IN THE UNITED STATES, OUTCOMES OF A RANDOMIZED CONTROLLED TRIAL
Patricia Medina-Ramirez*, Steven Sutton, Margaret Byrne, Ursula Martinez, Karen Brandon, Cathy Meade, Thomas Brandon, Vani Simmons
SYM2-4: SMALL FINANCIAL INCENTIVES PROMOTE SMOKING CESSATION AMONG SOCIO-ECONOMICALLY DISADVANTAGED ADULTS
Darla Kendzor*, Summer Frank-Pearce, Joseph Waring, Michael Businelle, Jocelyn Barton, Sarah Ehlke, Laili Kharazi Boozary, Stefani Madison, Michael Swartz, Adam Alexander, David Wetter
SYM2-5: REDUCING SUSCEPTIBILITY TO SMOKELESS TOBACCO AMONG RURAL BOYS WITH FDA'S THE REAL COST SMOKELESS PUBLIC EDUCATION CAMPAIGN
Matthew Farrelly*, Nathaniel Taylor, Alexandria Smith, James Nonnemaker, Jessica Pepper, Megan Wall

10:00 a.m. - 11:30 a.m.
Holiday Ballroom 3 (East Building, Second Floor)
Podium Presentation 1: Paper Session 3 (POD 3)

NEUROBIOLOGICAL MECHANISMS MEDIATING WITHDRAWAL AND CESSATION

Chair: Christie Fowler and Valeria Lallai
Audience: PC
POD3-1: NEGATIVE SOMATIC AND AFFECTIVE NICOTINE WITHDRAWAL BEHAVIOR ARE MEDIATED THROUGH THE LATERODORSAL TEGMENTAL NUCLEUS
Alexis Monical*, Sofia Bennettts, Daniel McGehee

Audience Key: PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
POD3-2: NICOTINE PLUS CUE-PRIMED REINSTATEMENT AND NATURAL REWARDS ARE
SEX-DEPENDENTLY ENHANCED IN ADOLESCENT SPRAGUE-DAWLEY RATS CONTAINING
THE HUMAN CHRNA6 3'UTR POLYMORPHISM (RS2304297) IN THE ALPHA(α)6 NICOTINIC
ACETYLCHOLINE RECEPTOR SUBUNIT
Diana Carreno*, Shahrdad Lotfipour

POD3-3: GENETIC DISSECTION OF NICOTINE AND LEARNING TRAITS USING BXD RECOM-
BINANT INBRED MICE
Lisa Goldberg, Laurel Seemiller, Thomas Gould*

POD3-4: ACTIVATION OF ACCUMBENS MICROGLIA AND ADENOSINE A2A RECEPTORS
CONTRIBUTES TO NICOTINE SELF-ADMINISTRATION AND CUE-INDUCED REINSTATEMENT
Emma Bondy*, Shailesh Khatri, Erin Maher, Cassandra Gipson-Reichardt

POD3-5: REINSTATEMENT OF COTININE SEEKING IN RATS: DIFFERENTIAL EFFECTS OF SEX
Zheng-Ming Ding*, Elizabeth Neslund, Xiaoying Tan, Lauren Hendricks

POD3-6: MECHANISTIC INSIGHTS INTO NICOTINE WITHDRAWAL: ROLE OF PURINERGIC
SIGNALING IN THE MEDIAL HABENULA
Yen-Chu Chen*, Christie Fowler

10:00 a.m. - 11:30 a.m.
Key Ballroom 1-6 (Main Building, Second Floor)
Podium Presentation 1: Symposium 3 (SYM 3)

THE ACTION PLAN FOR NEW ZEALAND’S SMOKEFREE 2025 GOAL: A BLUEPRINT
FOR THE SMOKING ENDGAME?
Chair: Ruth Malone*
Audience: P, HE

SYM3-1: THE SMOKEFREE AOTEAROA 2025 ACTION PLAN: A MAORI PERSPECTIVE
Andrew Waa*

SYM3-2: THE SMOKEFREE AOTEAROA 2025 ACTION PLAN
Richard Edwards*

SYM3-3: QUANTITATIVE AND QUALITATIVE RESEARCH FINDINGS ABOUT SUPPORT AMONG
PEOPLE WHO SMOKE FOR PROPOSED MEASURES IN THE SMOKEFREE 2025 ACTION PLAN
Janet Hoek*

SYM3-4: TOBACCO INDUSTRY RESPONSES AND ARGUMENTS IN RESPONSE TO THE
PROPOSED ACTION PLAN FOR NEW ZEALAND'S SMOKEFREE 2025 GOAL
Lindsay Robertson*
11:30 a.m. - 1:00 p.m.  
Key Ballroom 7-12 (Main Building, Second Floor)  
**Poster Session 1**

11:30 a.m. - 1:00 p.m.  
Holiday Ballroom 6 (East Building, Second Floor)  
**Boxed lunches will be distributed from 11:30 a.m.-12:30 p.m.**  
Don’t forget to attend Poster Session 1!

11:45 a.m. - 12:15 p.m.  
Holiday Ballroom 1 (East Building, 2nd Floor)  
**Special Session: NASEM Premium Cigars Report Launch**

*Session Chair:* Grace Kong, PhD

11:45 a.m. - 12:45 p.m.  
Johnson AB (East Building, First Floor)  
**Past President Luncheon** *(Invitation Only)*

1:00 p.m. - 2:30 p.m.  
Key Ballroom 1-6 (Main Building, Second Floor)  
**Welcome**  
**SRNT Awards**  
**Plenary Theme Lecture**

1:00 p.m.  
**Welcome & Acknowledgments by the President of SRNT**  
Megan Piper, PhD

1:10 p.m.  
**Awards**  
Thomas J. Glynn, PhD; Chair, Awards Sub-Committee
PRESIDENT AWARD RECIPIENT

Pebbles Fagan, PhD, MPH
Professor and Director, Center for the Study of Tobacco
Department of Health Behavior and Health Education
Fay W. Boozman College of Public Health
Director of Research, Office of Health Initiatives and Disparities Research
University of Arkansas for Medical Sciences

JOHN SLADE AWARD RECIPIENT

Christine Delnevo, PhD
Director, Rutgers Center for Tobacco Studies
Professor, Department of Health Behavior, Society & Policy, Rutgers School of Public Health
Senior Advisor, Tobacco Control Rutgers Cancer Institute of New Jersey

FERNO AWARD RECIPIENT

Ken Perkins, PhD
Professor of Psychiatry, Psychology, and Epidemiology
University of Pittsburgh
 CREATE: A PROCEDURE TO EFFICIENTLY DETECT EFFICACY IN NOVEL TREATMENTS FOR CESSION

JARVIK-RUSSELL AWARD RECIPIENT

Jessica Barrington-Trimis, PhD
Assistant Professor of Population and Public Health Sciences
Keck School of Medicine
University of Southern California

2022 BEST ABSTRACT AWARDEES

Alexis Monical, MD, PhD(c)
University of Chicago
MSTP Department
Biological Sciences Department
Neurobiology Department
NEGATIVE SOMATIC AND AFFECTIVE NICOTINE WITHDRAWAL BEHAVIOR ARE MEDIATED THROUGH THE LATERODORSAL TEGMENTAL NUCLEUS
Francisco Cartujano-Barrera MD, PhD(c)
Assistant Professor
University of Rochester Medical Center
DEVELOPING GRAPHIC MESSAGES FOR VAPING PREVENTION AMONG BLACK AND LATINO ADOLESCENTS

Anupreet K. Sidhu, PhD, MA
Postdoctoral Researcher
Tobacco Center of Regulatory Science
Perelman School of Medicine
University of Pennsylvania, PA, USA
COGNITIVE RESPONSES TO PICTORIAL WARNING LABELS AND THEIR ASSOCIATION WITH QUITTING MEASURES AFTER CONTINUED EXPOSURE

Lizeth Cruz-Jimenez, MSc, PhD
Researcher at Evaluation and Surveys Research Center (CIEE)
National Institute of Public Health-Mexico (INSP) Mexico
HEATED TOBACCO PRODUCT USE OVER TIME, ITS CORRELATES, AND REASONS FOR USE AMONG MEXICAN SMOKERS AND VAPERS

Min-Jeong Yang, PhD
Applied Post Doctoral Fellow
Moffit Cancer Center, Health Outcomes and Behavior
Tobacco Research and Intervention Program
TESTING AUGMENTED REALITY FOR EXTINCTION OF CUE-PROVOKED URGES TO SMOKE: INITIAL EVIDENCE FROM A CONTROLLED EXPERIMENT

1:30 p.m. - 2:30 p.m.
Key Ballroom 1-6 (Main Building, Second Floor)
Clinical Theme Lecture & 2022 Ferno Award Recipient: CrEATE: A Procedure to Efficiently Detect Efficacy in Novel Treatments for Cessation

Session Chair: Caryn Lerman, PhD

Presenter: Ken Perkins, PhD, Professor of Psychiatry, Psychology, and Epidemiology, University of Pittsburgh

Audience Key: PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
2:30 p.m. - 3:00 p.m.
Holiday Ballroom 6 (East Building, Second Floor)
Refreshment Break

3:00 p.m. - 4:30 p.m.
Holiday Ballroom 3 (East Building, Second Floor)
Podium Presentation 1: Paper Session 4 (POD 4)

RELATIONSHIPS BETWEEN COVID-19 AND SMOKING

Chair: Jamie Brown
Audience: PH, P, C, HE

POD4-1: EFFECTS OF COVID-19 SHELTER-IN-PLACE ORDERS ON ADOLESCENT CIGARETTE
AND E-CIGARETTE USE IN CALIFORNIA
Sharon Lipperman-Kreda, Mary Wharton*, Sabrina Islam, Melissa Abadi

POD4-2: CHANGES IN TOBACCO PRODUCT SALES IN THE UNITED STATES DURING THE
COVID-19 PANDEMIC
Samuel Asare*, Nigar Nargis, Priti Bandi, Farhad Islami, Lee Westmaas, Stacey Fedewa, Anuja
Majmundar

POD4-3: MARIJUANA USE, SMOKING, AND COVID-19 OUTCOMES
Li-Shiun Chen*, Timothy Baker, Nicholas Griffith, Brendan Heiden, Nina Smock, Giang Pham, Laura
Bierut

POD4-4: ASSESSMENT OF SEVERE CORONAVIRUS DISEASE 2019 OUTCOMES USING
MEASURES OF SMOKING STATUS AND SMOKING INTENSITY
E. Melinda Mahabee-Gittens, Angelico Mendy, Ashley Merianos*

POD4-5: RACE, COVID-19-RELATED DISCRIMINATION CONCERN, AND CIGARETTE SMOKING
BEHAVIOR: COMPARISON BETWEEN U.S. ASIAN AND WHITE ADULTS
Tina Liu*, Lilianna Phan, Julia Chen-Sankey, Aniruddh Ajith, Kiana Hacker, Bambi Jewett, Kelvin
Choi

POD4-6: FINANCIAL HARDSHIP DURING THE COVID-19 PANDEMIC AND TOBACCO DISCOUNT
COUPONS REDEMPTION AMONG U.S. ADULTS
Kasra Zarei*, Julia Chen-Sankey, Lilianna Phan, Aniruddh Ajith, Kiana Hacker, Bambi Jewett, Kelvin
Choi

POD4-7: DISPARITIES AMONG SMOKERS DURING THE COVID-19 PANDEMIC EXAMINATION
OF COVID-19 RELATED WorRIES BY SOCIODEMOGRAPHIC VARIABLES IN A U.S. NATION-
ALLY REPRESENTATIVE SURVEY
Robert Fairman*, Scott Weaver, Amy Nyman, Lucy Popova, Zachary Massey, Reed Reynolds,
Claire Spears
3:00 p.m. - 4:30 p.m.
Holiday Ballroom 2 (East Building, Second Floor)
Podium Presentation 1: Paper Session 5 (POD 5)

COMMITTING TO INCLUSION AND EQUITY IN SMOKING CESSATION CLINICAL TRIALS

Chair: Asti Jackson and Jaqueline Avila
Audience: HE, C

POD5-1: A NON-INFERIORITY TRIAL OF 25 DAYS OF CYTISINE VERSUS 84 DAYS OF VARENICLINE FOR SMOKING CESSATION - THE CESSATE STUDY
Ryan Courtney*, Hayden McRobbie, Piotr Tutka, Natasha Weaver, Dennis Petrie, Colin Mendelsohn, Anthony Shakeshaft, Saki Talukder, Christel Macdonald, Dennis Thomas, Benjamin Kwan, Natalie Walker, Coral Gartner, Richard Mattick, Christine Paul, Stuart Ferguson, Nicholas Zwar, Robyn Richmond, Christopher Doran, Veronica Boland, Wayne Hall, Robert West, Michael Farrell

POD5-2: SMOKING BEHAVIORS, HEALTH CONDITIONS, PHARMACOTHERAPY USE, AND QUIT RATES IN BLACK AMERICANS WITH SERIOUS MENTAL ILLNESS
Arundati Nagendra*, Corinne Cather, Gladys Pachas, Kevin Potter, Melissa Maravic, A. Eden Evins

POD5-3: THE POTENTIAL IMPACT OF LABORATORY ASSESSMENTS OF TREATMENT MECHANISMS ON CLINICAL TRIAL REPRESENTATIVENESS AND EQUITY -- A QUASI-EXPERIMENTAL INVESTIGATION
Larry Hawk*, Rebecca Ashare, Rinad Beidas, Martin Mahoney

POD5-4: ASSESSING THE HEALTH EQUITY EFFECTS OF CIGARETTE LABELING POLICIES, A RANDOMIZED FIELD TRIAL AMONG ADULT SMOKERS
James Thrasher*, Chung-Li Wu, Emily Loud, Victoria Lambert, Norman Porticella, Stuart Ferguson, James Hardin, Jeff Niederdeppe

POD5-5: UPTAKE AND EFFICACY OF A CO-LOCATED, OPT OUT SMOKING CESSATION SUPPORT PACKAGE DELIVERED AS PART OF A LUNG CANCER SCREENING PROGRAMME: THE YORKSHIRE ENHANCED STOP SMOKING STUDY (YESS)
Rachael Murray*, Kate Brain, John Britton, Harriet Quinn-Scoggins, Sarah Lewis, Grace McCutchan, Samantha Quaife, Qi Wu, Alex Ashurst, David Baldwin, Philip Crosbie, Richard Neal, Steve Parrott, Suzanne Rogerson, Rebecca Thorley, Matthew Callister

POD5-6: SUBJECTIVE EXPERIENCES, CONTEXTS, AND RISK PERCEPTIONS OF VERY LOW NICOTINE CONTENT CIGARETTES AND ELECTRONIC CIGARETTES AMONG PEOPLE WITH AFFECTIVE DISORDERS WHO SMOKE
Teresa DeAtley*, Abigail Harrison, Bianca Camacho, Rachel Cassidy, Caroline Kuo, Stephen HigginsPhD, Jennifer Tidey

**Audience Key:** PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
POD5-7: A REMOTE INTEGRATED INTERVENTION FOR TREATMENT AND SMOKING CESSATION AMONG SMOKERS LIVING WITH HEPATITIS C - A PILOT STUDY
Irene Pericot-Valverde*, Abigail Sepansk, Jamila Johnson, Moonseong Heo, Michelle Bublitz, Carrie Baldwin, Prerana Roth, Susan Cordero-Romero, Jess Knapp, Alain Litwin

3:00 p.m. - 4:30 p.m.
Key Ballroom 1-6 (Main Building, Second Floor)
Podium Presentation 1: Symposium 4 (SYM 4)

IMPLICATIONS OF BANNING MENTHOL IN CIGARETTES AND RESTRICTING FLAVORS IN NICOTINE VAPING PRODUCTS: FINDINGS FROM THE INTERNATIONAL TOBACCO CONTROL (ITC) POLICY EVALUATION PROJECT
Chair: Shannon Gravely*
Audience: PH, P, C

SYM4-1: THE IMPACT OF CANADA’S MENTHOL CIGARETTE BAN ON QUITTING AMONG MENTHOL SMOKERS: POOLED ANALYSIS FROM THE ITC PROJECT AND THE ONTARIO MENTHOL BAN STUDY AND IMPLICATIONS FOR A MENTHOL BAN IN THE UNITED STATES
Geoffrey Fong*, Janet Chung-Hall, Gang Meng, Lorraine V. Craig, Mary E. Thompson, Anne C.K. Quah, Rob Schwartz, Eric Soule, Joanna Cohen, K. Cummings, Andrew Hyland, Richard J. O’Connor, Maansi Bansal-Travers, David T. Levy, Cristine Delnevo, Ollie Ganz, Michael O. Chaiton

SYM4-2: MENTHOL SMOKERS’ QUITTING BEHAVIOURS AFTER THE EUROPEAN UNION BAN ON MENTHOL: LONGITUDINAL FINDINGS FROM THE 2020 ITC NETHERLANDS SURVEYS
Christina Kyriakos*, Pete Driezen, Janet Chung-Hall, Anne C.K. Quah, Geoffrey Fong, Marc Willemsen, Filippos Filippidis

SYM4-3: E-CIGARETTE FLAVORS, DEVICES AND BRANDS USED BY YOUTH BEFORE AND AFTER PARTIAL FLAVOR RESTRICTIONS IN THE US: FINDINGS FROM THE ITC YOUTH TOBACCO AND VAPING SURVEYS IN CANADA, ENGLAND, AND THE US
David Hammond*, Jessica L. Reid, Robin Burkhalter, Maansi Bansal-Travers, Shannon Gravely, Andrew Hyland, Karin Kasza, Ann McNeill

SYM4-4: THE ILLEGAL EXPERIMENTAL TOBACCO MARKETPLACE III: EFFECTS OF VAPING PRODUCT BANS: FINDINGS FROM THE 2020 ITC SMOKING AND VAPING SURVEY
Warren Bickel*, Roberta Freitas-Lemos, Jeffrey Stein, Allison Tegge

SYM4-5: THE PUBLIC HEALTH IMPACT OF A BAN ON FLAVORS IN NICOTINE VAPING PRODUCTS
David T. Levy*, Rafael Meza

SYM4-6: SUBSTITUTION PROFILES OF MENTHOL SMOKERS IN SIMULATED FLAVOR BANS
Amanda Quisenberry*, Lovina John, Samantha Hidalgo, Abari Francis Opio
SYM4-7: MENTHOL PREFERENCE MODERATES THE RELATIONSHIP BETWEEN CIGARETTE NICOTINE CONTENT AND UNPLEASANT REACTIONS IN YOUNG ADULTS WHO REPORT LOW-FREQUENCY SMOKING
Dana Rubenstein*, Maggie Sweitzer, Lauren Pacek, Rachel Denlinger-Apte, Lauren Scroggs, Joe McClernon

3:00 p.m. - 4:30 p.m.
Holiday Ballroom 4 (East Building, Second Floor)
Podium Presentation 1: Symposium 5 (SYM 5)

PROMISING NEW SMOKING CESSION PHARMACOTHERAPIES
Chair: Evan Herrmann*
Audience: C

SYM5-1: TARGETING ALPHA-2A NORADRENERGIC RECEPTORS FOR SEX-DEPENDENT MECHANISMS IN SMOKING CESSION
Sherry McKee*

SYM5-2: PSILOCYBIN-FACILITATED SMOKING CESSION: COMPARATIVE EFFICACY VS. NICOTINE PATCH
Matthew Johnson*

SYM5-3: CYTISINICLINE AS A PROMISING NEW NICOTINE CESSION TREATMENT
Cindy Jacobs*

SYM5-4: A PILOT TRIAL OF EXENATIDE ONCE-WEEKLY ADJUNCT TO NICOTINE PATCH FOR SMOKING CESSION AND MITIGATION OF POST-CESSION WEIGHT GAIN
Luba Yammine*

3:00 p.m. - 4:30 p.m.
Holiday Ballroom 1 (East Building, Second Floor)
Podium Presentation 1: Paper Session 6 (POD 6)

NOT JUST NICOTINE: PRODUCT CONSTITUTENTS AND DRUG CO-USE
Chairs: Zheng-Ming Ding* and Deniz Bagdas
Audience: PC, C, PH

POD6-1: ALTERATION OF JUUL CONTENT IN RESPONSE TO THE US FDA FLAVOR BAN

POD6-2: EFFECTS OF CHERRY AND SWEET FLAVOR ORAL CUE ON NICOTINE SELF-ADMINISTRATION IN ADOLESCENT RATS
Deniz Bagdas*, Nii Addy

Audience Key: PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
POD6-3: ALCOHOL AND VAPOURIZED NICOTINE CO-EXPOSURE DURING ADOLESCENCE CONTRIBUTE DIFFERENTIALLY TO SEX-SPECIFIC BEHAVIOURAL EFFECTS IN ADULTHOOD
Jessica Ruffolo*, Jude Frie, Hayley Thorpe, Jibran Khokhar

POD6-4: EPIGENETIC ANALYSES OF ALCOHOL CONSUMPTION IN COMBUSTIBLE AND NON COMBUSTIBLE NICOTINE USERS
Kelsey Dawes*, Rachel Reimer, Allan Andersen, Robert Philibert

POD6-5: SEX, AGE, AND GENOTYPIC DIFFERENCES IN THE EFFECTS OF MENTHOL ON NICOTINE INTAKE AND PREFERENCE IN MICE
Lois Akinola*, Yumna Rahman, Olivia Ondo, Deniz Bagdas, Asti Jackson, M. Imad Damaj

POD6-6: CHRONIC ADMINISTRATION OF SYNTHETIC CONTRACEPTIVE HORMONES ALTERS ETHANOL AND NICOTINE INTAKE IN A CO-USE MODEL IN FREELY CYCLING FEMALE RATS
Erin Maher*, Emma Bondy, Shailesh Khatri, Olivia Sweatt, William Griffin, Jessica Weafer, Cassandra Gipson

3:00 p.m. - 4:30 p.m.
Holiday Ballroom 5 (East Building, Second Floor)
Podium Presentation 1: Paper Session 7 (POD 7)

TOBACCO CONTROL POLICY EVALUATION: COMPLEXITY AND UNINTENDED CONSEQUENCES
Chair: Luz María Sánchez-Romero
Audience: P, PH

POD7-1: DOES IMPLEMENTING SMOKE-FREE PUBLIC HOUSING INCREASE RESIDENT TURN-OVER

POD7-2: TOBACCO PRODUCT TAX RATES AND EMERGING ADULT TOBACCO USE
Michael Pesko*, Abigail Friedman

POD7-3: THE EVALI OUTBREAK AND TOBACCO SALES IN THE UNITED STATES, 2014—2020
Alex Liber*, Zachary Cahn, Megan Diaz, Emily Donovan, Donna Vallone, Barbara Schillo

POD7-4: FLAVOURS AND FEATURES IN TOBACCO PACKS BEFORE PLAIN PACKAGING IN URUGUAY
Laura Llambi*, Mauricio Minacapilli, Valentina Gonzalez, Virginia Nuñez, Carolina Parodi, Mary Barros
POD7-5: HOW DID CIGARETTE SMOKING CHANGE IN JAPAN AS HEATED TOBACCO PRODUCTS RAPIDLY ASCENDED? FINDINGS FROM THE 2018-2020 ITC JAPAN SURVEYS
Shaowei Xu*, Gang Meng, Shannon Gravely, Anne Quah, Janine Ouimet, Itsuro Yoshimi, Kota Katanoda, Takahiro Tabuchi, Michael Cummings, Andrew Hyland, Geoffrey Fong

POD7-6: USING A BITE-STYLE MODEL TO EVALUATE POLAND’S MENTHOL CIGARETTE BAN
Alex Liber, Michal Stoklosa, David Levy, Christopher Cadham, Luz Maria Sanchez-Romero*, Michael Pesko

4:30 p.m. - 6:00 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)
**Poster Session 2**

6:00 p.m. - 7:00 p.m.
Key Ballroom 1-6 (Main Building, Second Floor)
**Special Session: Special Podcast Event**

“TOBACCO REGULATORY SCIENCE, HEALTH EQUITY, MENTAL HEALTH & PUBLIC ENGAGEMENT”

2022 Special Event
“LIVE TAPING OF ‘THE ADDY HOUR’ WITH DR. NII ADDY”

Dr. Nii Addy is the Alfred E. Kent Professor of Psychiatry and Professor of Cellular and Molecular Physiology.

SRNT is excited to announce a unique and special event in Baltimore: the live taping of the popular podcast, Addy Hour. The topic will be “Tobacco Regulatory Science, Health Equity, Mental Health & Public Engagement.” This live taping will feature a dynamic and honest conversation amongst our guest panelists as they share from their professional expertise and experience, as well as their personal experience.

The live taping will occur at SRNT 2022 on Wednesday, March 16, 2022, from 6:00 p.m. to 7:00 p.m.

Launched in March 2021 and hosted by Dr. Nii Addy, the Addy Hour podcast explores topics at the intersection of neuroscience, mental health, faith, culture and social justice. This is a unique event that you won’t want to miss!
PANELISTS INCLUDE:

Kathleen Crosby, BA
Director of the Office of Health Communications and Education at the FDA Center for Tobacco Products

Pebbles Fagan, PhD, MPH
Professor and Director, Center for the Study of Tobacco
Department of Health Behavior and Health Education
Fay W. Boozman College of Public Health
Director of Research, Office of Health Initiatives and Disparities Research
University of Arkansas for Medical Sciences

Mitch Zeller, JD
Director of the FDA Center for Tobacco Products

7:00 p.m. - 8:30 p.m.
Peale ABC (East Building, First Floor)
Trainee Network Mixer
SESSION SUMMARIES
THURSDAY
MARCH 17, 2022
(Note: All presentation times are in Eastern Daylight Time [EDT].)

7:15 a.m. - 5:00 p.m.
SRNT Central - Key Ballroom Foyer (Main Building, Second Floor)
SRNT REGISTRATION

7:30 a.m. - 5:30 p.m.
Mencken (East Building, Second Floor)
Speaker Ready Room

8:30 a.m. - 10:00 a.m.
Holiday Ballroom 2 (East Building, Second Floor)
Podium Presentation 2: Paper Session 8 (POD 8)

BIDIRECTIONAL RELATIONSHIP BETWEEN MENTAL HEALTH AND NICOTINE USE
Chair: Jennifer Pearson
Audience: PH, P, C, PC, HE

POD8-1: ESCALATION OF ENDS USE ACROSS YOUNG ADULTHOOD - ASSOCIATIONS WITH DEPRESSIVE SYMPTOMS AND SENSATION SEEKING
Xiaoyin Li*, Anna Wilkinson, Alexandra Loukas

POD8-2: STRESS AND E-CIGARETTE USE AMONG YOUTH AND YOUTH ADULTS: A LONGITUDINAL EXAMINATION OF INITIATION, REUPTAKE, AND CONTINUATION
Dale Mantey*, Stephanie Clendennen, Aslesha Sumbe, Anna Wilkinson, Melissa Harrell

Meagan Bluestein*, Melissa Harrell, Baojiang Chen, Adriana Perez

POD8-4: PSYCHOSOCIAL PREDICTORS OF LONGITUDINAL CHANGES IN TOBACCO AND MARIJUANA USE AMONG YOUNG ADULTS FROM 2018 TO 2020
Katelyn Romm*, Yan Wang, Zongshuan Duan, Breesa Bennett, Caroline Fuss, Yan Ma, Carla Berg

POD8-5: EXAMINING THE LONGITUDINAL, INTERACTIVE ASSOCIATIONS OF DEPRESSIVE SYMPTOMS AND PEER TOBACCO USE ON YOUNG ADULT TOBACCO USE
Caroline North*, Nathan Marti, Alexandra Loukas

POD8-6: DISCRIMINATION, NICOTINE WITHDRAWAL, AND THEIR ASSOCIATIONS WITH INSOMNIA SEVERITY IN A SAMPLE OF SMOKERS
Sofia Mildrum Chana*, Karen Cropsey, S. Thomas, Karen Gamble
8:30 a.m. - 10:00 a.m.
Key Ballroom 1-6 (Main Building, Second Floor)
Podium Presentation 2: Symposium 6 (SYM 6)

EQUITY IMPLICATIONS OF FLAVORED TOBACCO RESTRICTION POLICIES
Chair: Shyanika Rose*
Audience: HE, P, PH

SYM6-1: SCOPING REVIEW OF STUDIES EVALUATING THE IMPACT OF LOCAL US LAWS RESTRICTING THE SALE OF FLAVORED AND MENTHOL TOBACCO PRODUCTS: WHAT IS KNOWN ABOUT EQUITY IMPACTS?
Todd Rogers*, Elizabeth Brown, Barbara Schillo

SYM6-2: WHAT DOES IT TAKE TO EMBED AN ANTI-RACISM LENS INTO LOCAL POLICY RESTRICTING MENTHOL CIGARETTE SALES IN LOS ANGELES COUNTY’S UNINCORPORATED COMMUNITIES?
Sabrina Smiley*, Jane Steinberg

SYM6-3: SUPPORT FOR AND BARRIERS TO PASSING AND IMPLEMENTING COMPREHENSIVE BANS ON THE SALE OF FLAVORED TOBACCO PRODUCTS (INCLUDING MENTHOL CIGARETTES)
Sherry Emery*, Yoonsang Kim, Barbara Schillo, Phil Gardiner

SYM6-4: EXAMINING THE RELATIONSHIP OF FLAVORED TOBACCO PRODUCT POLICY RESTRICTIONS AND TOBACCO PRODUCT USE, AMONG A NATIONALLY REPRESENTATIVE SAMPLE OF US ADOLESCENTS AND YOUNG ADULTS
Minal Patel*, Elexis Kierstead, Michael Liu, Barbara Schillo, Shyanika Rose

8:30 a.m. - 10:00 a.m.
Holiday Ballroom 1 (East Building, Second Floor)
Podium Presentation 2: Paper Session 9 (POD 9)

IDENTIFYING AND ELIMINATING ENDURING DISPARITIES IN TOBACCO USE AMONG SEXUAL AND GENDER MINORITY ADULTS
Chair: Jen Cantrell & Arturo Durazo
Audience: PH, P, HE

POD9-1: CHANGES IN SEXUAL IDENTITY OVER TIME AND INCREASES IN TOBACCO USE
Rebecca Evans-Polce*, Luisa Kcomt, Philip Veliz, Carol Boyd, Sean Esteban McCabe

Benjamin Cristol*
POD9-3: CIGARETTE AND CIGAR BRAND PREFERENCES AMONG SEXUAL MINORITIES IN THE UNITED STATES
Ollie Ganz*, Sarah Ehlke, Sabrina Steinberg, Laurel Curry

POD9-4: PROJECT RESIST: A CASE STUDY ON LESSONS LEARNT FROM USING A COMMUNITY-ENGAGED RESEARCH PROCESS TO DEVELOP TAILORED ANTI-SMOKING MESSAGES FOR YOUNG ADULT SEXUAL MINORITY WOMEN

POD9-5: DO LESBIAN GAY BIOSEXUAL TRANSGENDER AND QUEER (LGBTQ) CUES IN MESSAGES DESIGNED FOR WOMEN IMPACT SUPPORT FOR TOBACCO CONTROL POLICIES
Ashley Sanders-Jackson*, Dominik Neumann, Elaine Hanby, Andy Tan

POD9-6: LGBTQ+ REACTION TO A MENTHOL CIGARETTE BAN: A QUALITATIVE STUDY
Darcy Lockhart*, Rachel Denlinger-Apte, Ashley Strahley, Rachel Cassidy, Eric Donny, Richard O’Connor, Jennifer Tidey

POD9-7: RESPONSE TO HYPOTHETICAL E-LIQUID FLAVOR RESTRICTIONS AMONG SEXUAL AND GENDER MINORITY YOUNG ADULTS
Natasha Sidhu, Tristan Borosky-Armstrong, William Lechner*, Alayna Tackett

8:30 a.m. - 10:00 a.m.
Holiday Ballroom 3 (East Building, Second Floor)
Podium Presentation 2: Paper Session 10 (POD 10)

SMOKING CESSATION FOR MEDICALLY VUNERABLE POPULATIONS
Chairs: Robert Schnoll* and Jessica Cook
Audience: C, HE

POD10-1: CONTINUOUS GLUCOSE MONITORING TO EXPLORE THE ACUTE EFFECTS OF SMOKING CESSATION ON GLYCEMIC CONTROL AMONG AMERICAN INDIAN SMOKERS WITH TYPE 2 DIABETES
Sydney Martinez*, Kayli Nail, Afsheen Hasan, Stephanie Ice, Samantha Keener, Tara Ritter, Douglas Nolan

POD10-2: EFFICACY OF MAPS IN FACILITATING SMOKING ABSTINENCE AMONG CERVICAL CANCER SURVIVORS: RCT OUTCOMES
Jennifer Vidrine*, David Wetter, Vani Simmons, Sarah Jones, Steven Sutton, Ya-Chen Tina Shih, Linda Elting, Lois Ramondetta, Joan Walker, Katie Smith, Summer Frank-Pearce, Yisheng Li, Damon Vidrine
POD10-3: DEVELOPMENT OF A TARGETED BEHAVIORAL TREATMENT FOR SMOKING CESSATION AMONG INDIVIDUALS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE
Amanda Mathew*, Elizabeth Avery, Chelsea Cox, Patrick Nwanah, Ravi Kalhan, Brian Hitsman, Lynda Powell

POD10-4: OPTIMIZING REACH AND EFFECTIVENESS OF TOBACCO TREATMENT IN CANCER PATIENTS: LESSONS FROM THE CANCER MOONSHOT CANCER CENTER CESSATION INITIATIVE
Sarah Hohl*, Ramzi Salloum, Steven Bernstein, Mara Minion, Katie Lenhoff, Neely Dahl, Hee Soon Juon, Ursula Tsosie, Linda Fleisher, Michael Fiore, Betsy Rolland, Heather D’Angelo, Alex Ramsey, Jamie Ostroff, Kimlin Ashing, Robert Schnoll, Li-Shiun Chen

POD10-5: COMPARATIVE EFFECTIVENESS OF TWO POST-DISCHARGE SMOKING CESSATION INTERVENTIONS FOR HOSPITAL PATIENTS: THE HELPING HAND 4 RANDOMIZED TRIAL
Nancy Rigotti*, Susan Regan, Yuchiao Chang, Douglas Levy, Esa Davis, Jennifer Kelley, Thomas Ylioja, Daniel Singer, Hilary Tindle

POD10-6: EVALUATION OF AN OPT-OUT CHRONIC CARE PROGRAM TO TREAT SMOKING IN ADULT PRIMARY CARE
Danielle McCarthy*, Timothy Baker, Mark Zehner, Rob Adsit, Nayoung Kim, Deejay Zwaga, Katherine Coates, Hannah Wallenkamp, Margaret Nolan, Margaret Steiner, Amy Skora, Christian Kastman, Michael Fiore

8:30 a.m. - 10:00 a.m.
Holiday Ballroom 5 (East Building, Second Floor)
Podium Presentation 2: Symposium 7 (SYM 7)

ON THE BASIS OF SEX: NICOTINE’S DIFFERENTIAL ACTIONS IN THE MALE AND FEMALE BRAIN
Chair: Cassandra Gipson-Reichardt*
Audience: PC

SYM7-1: DEVELOPMENTAL AND SEX DIFFERENCES IN THE EFFECTS OF JUUL E-CIGARETTES ON PLACE CONDITIONING AND PRECIPITATED WITHDRAWAL
Jibran Khokhar*, Jude Frie, Ahmad Hassan, Karling Luciani, Chuyun Chen, Jaiden Smith, Bryana Hallam

SYM7-2: SEX-SPECIFIC EFFECTS OF TOBACCO/ENDS FLAVORANTS ON REINFORCEMENT-RELATED BEHAVIOR IN A RODENT MODEL OF VAPOR SELF-ADMINISTRATION
Skylar Cooper*, Montana Richardson, Brandon Henderson

SYM7-3: DEVELOPMENTAL EXPOSURE TO E-CIGARETTE NICOTINE OR THC VAPE ALTERS CESSATION THERAPEUTIC EFFECTIVENESS IN RATS
Yen-Chu Chen, James Fowler, Samantha Cheeks, Angeline Dukes, Jesus Campos, Stephen Mahler, Christie Fowler*

Audience Key: PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
SYM7-4: NICOTINE SELF-ADMINISTRATION ACTIVATES ACCUMBENS MICROGLIA IN A SEX-SPECIFIC FASHION
Emma Bondy, Shailesh Khatri, Erin Maher, Cassandra Gipson*

8:30 a.m. - 10:00 a.m.
Holiday Ballroom 4 (East Building, Second Floor)
Podium Presentation 2: Symposium 8 (SYM 8)

KEEPING IT REAL ABOUT SYNTHETIC NICOTINE: PRODUCTS, PATENTS, PERCEPTIONS AND POLICIES
Co-Chairs: Andrew Seidenberg* and Sven-Eric Jordt*
Audience: P, PH, PC
SYM8-1: “TOBACCO-FREE NICOTINE” E-CIGARETTE PRODUCTS SOLD ONLINE
Grace Kong*
SYM8-2: SYNTHETIC NICOTINE: EMERGENCE, CHEMISTRY AND HEALTH RISK
Nuan Ping Cheah*
SYM8-3: EFFECTS OF A “TOBACCO-FREE NICOTINE” CLAIM ON PERCEPTIONS OF PUFF BAR E-CIGARETTE USE AMONG YOUNG ADULTS
Julia Chen-Sankey*
SYM8-4: SYNTHETIC NICOTINE: LEGAL AND REGULATORY CONSIDERATIONS
Micah Berman*

10:00 a.m. - 10:30 a.m.
Holiday Ballroom 6 (East Building, Second Floor)
Refreshment Break

10:30 a.m. - 11:30 a.m.
Key Ballroom 1-6 (Main Building, Second Floor)
Policy Theme Lecture: Achieving a Smoke-Free Generation in a Post-COVID World: Progress, Equity, and Innovation in England
Session Chair: Jamie Brown, PhD, CPsychol
Presenter: Kevin Fenton, MBBS (Hons) MSc, PhD, FFPH, Professor, Regional Director London, Office of Health Improvement and Disparities, Department of Health and Social Care, Regional Director for Public Health, NHS London, Statutory Health Advisor to the Mayor of London, GLA and London Assembly
11:30 a.m. - 1:00 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)
**Poster Session 3**

11:30 a.m. - 1:00 p.m.
Holiday Ballroom 6 (East Building, Second Floor)
**Lunch Break**
Boxed lunches will be distributed from 11:30 a.m. - 12:30 p.m.
Don’t forget to attend Poster Session 3!

1:00 p.m. - 1:45 p.m.
Key Ballroom 1-6 (Main Building, Second Floor)
**Jarvik-Russell New Investigator Plenary Theme Lecture: Smoke and Mirrors: Uncovering the Public Health Impact of E-Cigarettes**

*Session Chair:* Tracy Smith, PhD

*Presenter:* Jessica Barrington-Trimis, PhD, 2022 Jarvik-Russell New Investigator Awardee, Assistant Professor of Population and Public Health Sciences, Keck School of Medicine, University of Southern California

1:45 p.m. - 2:45 p.m.
Key Ballroom 1-6 (Main Building, Second Floor)
**Pre-Clinical Theme Lecture: Understanding the Brain Systems That Promotes Nicotine Use in Vulnerable Populations**

*Session Chair:* Christie D. Fowler, PhD

*Presenter:* Laura E. O’Dell, PhD, Professor of Behavioral Neuroscience, Associate Vice President for Research, Department of Psychology, University of Texas, El Paso

2:45 p.m. - 3:15 p.m.
Holiday Ballroom 6 (East Building, Second Floor)
**Refreshment Break**
3:15 p.m. - 4:45 p.m.
Holiday Ballroom 3 (East Building, Second Floor)
Podium Presentation 2: Paper Session 11 (POD 11)

TACKLING AND TRANSCENDING THE BARRIERS OF SMOKING CESSATION AND PREVENTION IN PRIORITY POPULATIONS

Chairs: Rachel Denlinger-Apte* and Irene Pericot-Valverde
Audience: HE, PH, P, C

POD11-1: SYSTEMATIC REVIEW OF RECRUITMENT BIAS OF ADULTS IN U.S. PHASE 2 AND 3 RANDOMIZED CLINICAL TRIALS FOR SMOKING, NICOTINE, AND TOBACCO CESSATION: 2008 TO 2019
Ilana Buffenstein*, Emily Taylor, Bree Kāneakua, Masako Matsunaga, So Yung Choi, Enrique Carrazana, Kore Kai Liow, Jason Viereck, Arash Ghaffari-Rafi

POD11-2: GII LANG GAWIMARRA (GATHERING STORIES) OF ABORIGINAL AND TORRES STRAIT ISLANDER WOMEN’S SMOKING AND QUITTING JOURNEY
Michelle Kennedy*, Eden Barrett, Christina Heris, Raglan Maddox

POD11-3: EXPLORING POTENTIAL FOR A PERSONALIZED MEDICINE APPROACH TO SMOKELESS TOBACCO CESSATION WITH AN AMERICAN INDIAN TRIBE
Dana Carroll*, Sharon Murphy, Ellen Meier, Kristine Rhodes, Casey Dorr, Greg Braaten, Pamala Jacobson, Rachel Tyndale, Dorothy Hatsukami, Carol Hernandez

POD11-4: SMOKING CESSATION IN LUMBEE INDIANS: A QUALITY IMPROVEMENT PROJECT
Gina Whritenour*

POD11-5: DISPARITIES IN THE ASSOCIATION BETWEEN “TIPS FROM FORMER SMOKERS” CAMPAIGN AND QUIT INTENTIONS/ATTEMPTS AMONG SEXUAL MINORITIES
Yu Wang*, Zongshuan Duan, Shannon Self-Brown, Scott Weaver, Claire Spears, Pinpin Zheng, Michael Eriksen, Jidong Huang

POD11-6: EFFICACY AND UTILIZATION OF SMARTPHONE APPLICATIONS FOR SMOKING CESSATION AMONG AMERICAN INDIANS AND ALASKA NATIVES: RESULTS FROM THE ICAN-QUIT TRIAL
Margarita Santiago-Torres*, Kristin Mull, Brianna Sullivan, Diana Kwon, Patricia Nez Henderson, Lonnie Nelson, Christi Patten, Jonathan Bricker

POD11-7: WORKING TOGETHER TO REDUCE COMMERCIAL TOBACCO-RELATED HARM, THE SOUTHERN CALIFORNIA TRIBAL TOBACCO COALITION
Juliet Lee*, Lisa Brucks, Ami Admire, Jennifer Geisler, Michelle Nielson, Diana Martinez, Monah Hanson, Dan Calac, Roland Moore
3:15 p.m. - 4:45 p.m.  
Holiday Ballroom 1 (East Building, Second Floor)  
**Podium Presentation 2: Symposium 9 (SYM 9)**

**EXAMINING THE EQUITY OF RETAIL-FOCUSED TOBACCO CONTROL STRATEGIES**

*Co-Chairs: Megan Roberts* and *Daniel Giovenco*  
*Audience: HE, P*

SYM9-1: CONVENIENCE STORE, PHARMACY, OR VAPE SHOP? HOW THE DISTRIBUTION OF TOBACCO RETAILER TYPE VARIES BY COMMUNITY CHARACTERISTICS  
*Megan Roberts*, Claire Jenkins, Elizabeth Schwartz, Nathaniel Onnen, Peter Craigmile

SYM9-2: PATTERNS OF TOBACCO RETAILER ATTRITION BY STORE TYPE AND NEIGHBORHOOD CHARACTERISTICS IN NEW YORK CITY  
*Daniel Giovenco*, Torra Spillane, Rachel Maggi

SYM9-3: DOCUMENTING THE IMPACT POTENTIAL OF A MENTHOL CIGARETTE BAN AT POINT-OF-SALE: A PHOTOGRAPH-BASED ANALYSIS OF THE PRESENCE AND PLACEMENT OF MENTHOL VERSUS REGULAR CIGARETTE PACKS ON THE SHELVES OF TOBACCO RETAIL OUTLETS IN NEW YORK CITY  
*Thomas Kirchner*, Alexandra Guttentag, Avigail Vantu, Diana Silver

SYM9-4: RETAIL MARKETING OF MENTHOL CIGARETTES IN LOS ANGELES, CALIFORNIA: A CHALLENGE TO HEALTH EQUITY  
*Sabrina Smiley*, Junhan Cho, Kacie Blackman, Tess Boley Cruz, Mary Ann Pentz, Jonathan Samet, Lourdes Baezconde-Garbanati

3:15 p.m. - 4:45 p.m.  
Holiday Ballroom 2 (East Building, Second Floor)  
**Podium Presentation 2: Symposium 10 (SYM 10)**

**A GLOBAL HEALTH PROGRAMME TO ADDRESS SMOKELESS TOBACCO AND BUILD RESEARCH CAPACITY IN SOUTH ASIA (ASTRA)**

*Co-Chairs: Kamran Siddiqi* and *Ravi Mehrotra*  
*Audience: PH, P, HE*

SYM10-1: LIFETIME BURDEN OF SMOKELESS TOBACCO IN INDIA, PAKISTAN AND BANGLADESH  
*Kathryn Coyle*, Subhash Pokhrel

SYM10-2: SMOKELESS TOBACCO USE DURING PREGNANCY IN SOUTH-EAST ASIA  
*Radha Shukla*
SYM10-3: THE FEASIBILITY OF CONDUCTING A COHORT STUDY AMONG SECONDARY SCHOOLCHILDREN IN BANGLADESH, INDIA AND PAKISTAN
Catherine Jackson*, Romaina Iqbal, Masuma Mishu, Mona Kanaan, Lu Han, Laraib Mazhar, Ann McNeill

SYM10-4: COMPLIANCE OF SMOKELESS TOBACCO PRODUCTS WITH TOBACCO CONTROL REGULATIONS IN BANGLADESH, INDIA AND PAKISTAN
Zohaib Khan*, Abdullah Sonnet, Rumana Huque, Mona Kanaan, Safat Ullah, Suneela Garg, Chetana Deshmukh, Amod Borle, Mongjam Singh, Kamran Siddiqi

3:15 p.m. - 4:45 p.m.
Holiday Ballroom 5 (East Building, Second Floor)
Podium Presentation 2: Symposium 11 (SYM 11)

IS CANNABIS USE A GROWING DISRUPTER IN TOBACCO CONTROL? NEW EVIDENCE FROM EPIDEMIOLOGY, OBSERVATIONAL RESEARCH, AND TREATMENT
Chair: Kelly Carpenter*
Audience: C, PH

Renee Goodwin*, Katarzyna Wyka, Andrea Weinberger

SYM11-2: ASSOCIATIONS BETWEEN INTENSITY AND TYPES OF TOBACCO AND CANNABIS CO-USE ON THE SAME DAY AMONG YOUNG ADULT SMOKERS
Nhung Nguyen*, Johannes Thrul, Torsten Neilands, Pamela Ling

SYM11-3: DAYS OF CANNABIS USE AND SMOKING CESSATION TREATMENT OUTCOMES: NONE IS BETTER, MORE IS WORSE
Christine Sheffer*, Alina Shevorykin, Ellen Carl, Renee Goodwin, Alan Budney, Cheryl Rivard, Andrew Hyland

SYM11-4: INTEGRATING A MOTIVATIONAL CANNABIS INTERVENTION INTO STATE QUITLINE COACHING TO INCREASE TOBACCO CESSATION AMONG CO-USERS
Kelly Carpenter*, Johnathan Hsu, Beatriz Carlini, Denise Walker

SYM11-5: DISCUSSANT
Alan Budney*

SYM11-6: KNOWLEDGE, ATTITUDES AND PRACTICES OF UK STOP SMOKING PRACTITIONERS WHEN ADVISING CO-USERS OF TOBACCO AND CANNABIS TO QUIT SMOKING
Dayyanah Sumodhee*, Hannah Walsh, Leonie Brose, Ann McNeill, Maria Duaso
3:15 p.m. - 4:45 p.m.
Key Ballroom 1-6 (Main Building, Second Floor)
Podium Presentation 2: Symposium 12 (SYM 12)

NEW PRODUCT OR SAME OLD PLAYBOOK? EMERGING MULTIDISCIPLINARY RESEARCH ON NEW ORAL NICOTINE PRODUCTS

Co-Chairs: Maciej Goniewicz* and Cassandra Stanton*

Audience: PC, C, PH, P

SYM12-1: CHEMICAL CHARACTERIZATION OF NOVEL TOBACCO-FREE NICOTINE-CONTAINING ORAL PRODUCTS
Michelle Page*, Grace Maley, Scott Heldwein, Maciej Goniewicz

SYM12-2: NICOTINE POUCH USE PATTERNS, PERCEPTIONS, AND MARKETING EXPOSURE AMONG CIGARETTE SMOKERS, SMOKELESS TOBACCO USERS, AND NONUSERS
Brittney Keller-Hamilton*, Lauren Long, Ce Shang, Megan Roberts, Theodore Wagener, Darren Mays

SYM12-3: PERCEPTIONS OF ORAL NICOTINE POUCHES ON REDDIT
Dongmei Li*, Yihan Shao, Jonathan Zou, Zidian Xie, Rachel Grana Mayne, Deborah Ossip, Irfan Rahman, Scott McIntosh

SYM12-4: CELLULAR AND METABOLIC TOXICITY OF ORAL NICOTINE POUCH PRODUCTS IN ORAL EPITHELIAL CELLS
Sairam Jabba*, Peter Silinski, Shaunacee Howell, Ana Caceres, Sven-Eric Jordt

3:15 p.m. - 4:45 p.m.
Holiday Ballroom 4 (East Building, Second Floor)
Podium Presentation 2: Paper Session 12 (POD 12)

RAPID FIRE: NEW TRENDS IN PACKAGING AND MARKETING TO YOUTH AND ADULTS

Chair: Carla Berg
Audience: C, PH

POD12-1: STANDARDIZING THE SHAPE OF SMOKELESS TOBACCO PACKS SOLD IN BANGLADESH - POTENTIAL IMPACT ON HEALTH WARNING LABEL VISIBILITY AND HARM PERCEPTIONS
Lauren Czaplicki*, Sejal Saraf, A.B.M Rasheduzzaman, Laura Kroart, Mohammad Islam, Joanna Cohen
POD12-2: THE SHORT-TERM AND LONG-TERM ASSOCIATION BETWEEN RECEIVING CIGARETTE DISCOUNTS/COUPONS AND CIGARETTE SMOKING CESSATION BEHAVIORS AMONG US ADULT SMokers WHO HAVE INTENTION TO QUIT
Zongshuan Duan*, Yu Wang, Shannon Self-Brown, Scott Weaver, Claire Spears, Pinpin Zheng, Michael Eriksen, Jidong Huang

POD12-3: GLOBALIZATION OF CIGARETTE MARKETING: YOUNG ADULT SMOKERS’ SHARED PERCEPTIONS OF FLAVORED CIGARETTE PACK DESIGN IN MEXICO AND IN THE PHILIPPINES
Graziele Grilo*, Jennifer Brown, Joanna Cohen, Katherine Smith

POD12-4: ELECTRONIC CIGARETTES SALES TRENDS AND MARKET SHARE FROM SOUTH AFRICAN SALES SCANNER DATA
Olalekan Ayo-Yusuf*, Joyce Jakavula, Lungile Nkosi, Kgomotso Kali, Israel Agaku

POD12-5: EXPOSURE TO E-CIGARETTE ADVERTISING AND ITS ASSOCIATIONS WITH ATTITUDES AND BEHAVIORS TOWARDS E-CIGARETTES AMONG US ADOLESCENTS, 2017-2019
Yu Wang*, Zongshuan Duan, Shannon Self-Brown, Scott Weaver, Claire Spears, Pinpin Zheng, Michael Eriksen, Jidong Huang

POD12-6: DETERMINING IF PLATFORM AND FEDERAL TOBACCO CONTROL POLICIES ALIGN WITH CURRENT INDUSTRY PRACTICES
Linnea Laestadius*, Julia Vassey, Anuja Majmundar, Andrea Stroup, Ziyad Ben Taleb, Helen Meissner, Sherry Emery, Dan Romer, Tess Cruz, Grace Kong

POD12-7: HOW REPETITION AFFECTS THE PERCEIVED TRUTH OF (MIS)INFORMATION ABOUT TOBACCO PRODUCTS
Jennifer Morgan*, Joseph Cappella

POD12-8: TOBACCO ADVERTISING AT POINT OF SALE IN DHAKA, BANGLADESH, IDENTIFYING TOBACCO INDUSTRY STRATEGIES
Mary Clare Rosemeyer*, Mohammad Rahman, Mostafizur Rahman, Ahmed Mahmud, Zayed Siddiki, Claudio Tanca, Vandana Shah, Maria Carmona, Ernesto Sebrie
4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)

**Poster Session 4**

*Poster Session 4 is designated for pre-recorded “Paper Plus” (On-Demand Papers) presenters to meet with colleagues and answer questions in person during this session. This new format was created due to the lack of session space and the SRNT 2022 Program Committee Chair’s desire to present as many papers as possible. These accepted papers will be pre-recorded and available online for conference attendee access. “Paper Plus” attendees can connect with their peers in Baltimore at the live Q&A during this particular poster session. For a list of accepted pre-recorded “Paper Plus” presenters, please refer to the abstracts starting on page 80 of this program, reference SRNT Central Online, and/or check out the SRNT 2022 abstract pdf.*
FRIDAY, MARCH 18, 2022

(Note: All presentation times are in Eastern Daylight Time [EDT].)

7:00 a.m. - 11:00 a.m.
Mencken (East Building, Second Floor)
Speaker Ready Room

7:30 a.m. - 12:30 p.m.
SRNT Central - Key Ballroom Foyer (Main Building, Second Floor)
SRNT Registration

8:00 a.m. - 9:30 a.m.
Holiday Ballroom 3 (East Building, Second Floor)
Podium Presentation 3: Symposium 13 (SYM 13)

EMOTION AS A PATHWAY IN TOBACCO-RELATED JUDGEMENT AND DECISION MAKING: NOVEL INSIGHTS FROM INTERDISCIPLINARY APPROACHES

Chair: Vaughan Rees*
Audience: PH, C, P

SYM13-1: INDUCING THE POSITIVE EMOTION OF GRATITUDE IN THE CONTEXT OF ANTI-TOBACCO COMMUNICATIONS REDUCES MOTIVATION TO SMOKE
Vaughan Rees*, Ke Wang, Charles Dorison, Emily Heckel, Jessica Liu, Chelsea Zabel, Andy Tan, Jennifer Lerner

SYM13-2: POPULATION-LEVEL ASSOCIATIONS SUGGEST A PROTECTIVE INFLUENCE OF GRATITUDE ON CURRENT SMOKING STATUS
Ke Wang*, Vaughan Rees, Charles Dorison, Jennifer Lerner

SYM13-3: THE ROLE OF DISCRETE EMOTION IN THE REASONED ACTION MODEL OF BEHAVIORAL INTENTION: THREE EMPIRICAL TESTS
Joseph Cappella*, Hyun Suk Kim

SYM13-4: SMOKERS’ CURiosity FACILITATES RECALL OF TOBACCO-RELATED HEALTH INFORMATION
David Lydon-Staley*, Jaydin Clark, Asia Vincent, Xinyi Wang, Amanda McGowan
8:00 a.m. - 9:30 a.m.
Holiday Ballroom 5 (East Building, Second Floor)
Podium Presentation 3: Symposium 14 (SYM 14)

UNDERSTANDING FACTORS ASSOCIATED WITH CANNABIS AND TOBACCO CO-USE: IMPLICATIONS FOR ACHIEVING HEALTH EQUITY

Chair: LaTrice Montgomery*
Audience: HE, PH, P

SYM14-1: A DIFFERENCE-IN-DIFFERENCE APPROACH TO EXAMINING DISPARITIES IN THE IMPACT OF CANNABIS LEGALIZATION ON THE CO-USE OF CIGARETTES AND CANNABIS IN THE UNITED STATES, 2004-2017
Renee Goodwin*, Andrea Weinberger

SYM14-2: TRAJECTORY ANALYSIS OF PATTERNS OF YOUNG ADULT CANNABIS AND TOBACCO USE AND CO-USE FROM 28 DAYS OF ECOLOGICAL MOMENTARY ASSESSMENT: AN EXAMINATION OF VULNERABILITY FACTORS
Amy Cohn*, Dingjing Shi, Summer Frank-Pearce, Robin Mermelstein, Ryan Vandrey, Donald Hedeker, Andrea Villanti

SYM14-3: SUICIDE IDEATION AND DEPRESSION SYMPTOMS AMONG RACIAL/ETHNIC MINORITY YOUTH WHO USE/CO-USE CANNABIS AND ELECTRONIC VAPOR PRODUCTS: AN ANALYSIS OF 2015-2019 YRBS DATA
Wura Jacobs*

SYM14-4: EXAMINING PREDICTORS OF QUITTING BEHAVIOURS AMONGST UK VOCATIONAL COLLEGE STUDENTS WHO CO-USE TOBACCO AND CANNABIS
Hannah Walsh*, Ann McNeill, Maria Duaso

8:00 a.m. - 9:30 a.m.
Holiday Ballroom 2 (East Building, Second Floor)
Podium Presentation 3: Symposium 15 (SYM 15)

PREGNANCY AND ELECTRONIC NICOTINE DELIVERY SYSTEM (ENDS) USE – FROM PRECLINICAL TO PUBLIC HEALTH RESEARCH: WHAT DO WE KNOW? WHAT DO WE NEED TO KNOW?

Co-Chairs: Andrea Weinberger* and Elise DeVito*
Audience: PH, C

SYM15-1: USING INTERSECTIONALITY AND QUALITATIVE RESEARCH TO BETTER INFORM RESEARCH, CLINICAL WORK, AND POLICY RELATED TO ENDS USE DURING PREGNANCY AND POSTPARTUM
Philip Smith*
SYM15-2: ELECTRONIC NICOTINE DELIVERY SYSTEMS (ENDS) USE DURING PREGNANCY: COURSE OF USE AND PERINATAL OUTCOMES
Elise DeVito*

SYM15-3: IMPACT OF E-VAPOUR EXPOSURE DURING PREGNANCY ON HEALTH OUTCOMES IN OFFSPRING
Hui Chen*

8:00 a.m. - 9:30 a.m.
Key Ballroom 1-6 (Main Building, Second Floor)
Podium Presentation 3: Paper Session 13 (POD 13)

RAPID FIRE: NOVEL TOBACCO CESSATION TREATMENTS IN ADULTS AND TEENS

Chair: Janice Tsoh
Audience: C

POD13-1: TESTING AUGMENTED REALITY FOR EXTINCTION OF CUE-PROVOKED URGES TO SMOKE: INITIAL EVIDENCE FROM A CONTROLLED EXPERIMENT
Min-Jeong Yang*, Karen Brandon, Marloes Kleinjan, Laura Hernandez, Leslie Sawyer, Steven Sutton, Thomas Brandon, Christine Vinci

POD13-2: TELEHEALTH DELIVERY OF A BRIEF SAVORING INTERVENTION FOR SMOKING CESSATION
Amanda Palmer*, Madeline Foster, Eric Garland, Nathaniel Baker, Amy Boatright, Brett Froeliger, Michael Saladin, Matthew Carpenter, Benjamin Toll

POD13-3: VERY LOW NICOTINE CONTENT CIGARETTES AND CUE-PROVOKED CRAVINGS EFFECTS OF NICOTINE REDUCTION STRATEGY AND FACILITATING EXTINCTION
Melissa Conn*, Vani Simmons, Min-Jeong Yang, Steven Sutton, Leslie Sawyer, Thomas Brandon, Marco Cid, David Drobes

POD13-4: PRELIMINARY FINDINGS SUPPORT GAMIFICATION AS A METHOD TO INCREASE ENGAGEMENT IN A SOCIAL MEDIA-BASED SMOKING CESSATION INTERVENTION
Gary Humfleaset, John Layton, Sharon Hall

POD13-5: METHODS USED TO QUIT VAPOING BY TEENS AND DEVELOPMENT OF A VIRTUAL REALITY PROGRAM TO HELP TEENS STOP VAPOING
Belinda Borrelli*, Daniel Weinstein, Lisa Quintiliani, Romano Endrighi, Emily Jones, Joy Hart, Kandi Walker, Scott Hadland

POD13-6: OUT OF THE HAZE AND INTO YOUR DMS: CO-CREATING AND PILOTING A VAPOING CESSATION PROGRAM FOR TEENS DELIVERED THROUGH INSTAGRAM
Danielle Ramo*, Patricia Price, Michelle Bellon, Robin Hayashi, Denise Ho, Pamela Ling
POD13-7: A PILOT STUDY OF NICOBLOC® AS A NOVEL INTERVENTION TO ENCOURAGE QUIT ATTEMPTS
Karen Cropsey*, Keith Chichester, Michelle Sisson, Sofia Mildrum Chana, Caitlin Wolford-Clevenger, Mickeah Hugley, Paige Palenski, Angela Nguyen, Peter Hendricks

8:00 a.m. - 9:30 a.m.
Holiday Ballroom 1 (East Building, Second Floor)
Podium Presentation 3: Symposium 16 (SYM 16)

NEUROBIOLOGICAL EFFECTS OF NICOTINE IN THE VENTRAL TEGMENTAL AREA (VTA)
Co-Chairs: Melissa Herman* and ManHua Zhu*
Audience: PC

SYM16-1: CHANGES IN INHIBITORY SIGNALING IN CORTICOTROPIN-RELEASING FACTOR RECEPTOR 1 (CRF1) NEURONS IN MOUSE VENTRAL TEGMENTAL AREA FOLLOWING ELECTRONIC NICOTINE VAPOR EXPOSURE
ManHua Zhu*, ManHua Zhu, Jasmine Jahad, Neil Rogers, Melissa Herman

SYM16-2: EXAMINING THE ROLE OF NICOTINE-INDUCED VENTRAL TEGMENTAL AREA KCC2 DOWNREGULATION IN DOPAMINE SIGNALING AND ADDICTIVE BEHAVIORS
Alexey Ostroumov*, Alexey Ostroumov

SYM16-3: TOBACCO/ENDS FLAVORANTS ALTER MIDBRAIN DOPAMINE AND GABA NEURON FUNCTION AND CONTRIBUTE TO ADDICTION-RELATED BEHAVIORS
Brandon Henderson*, Brandon Henderson, Skylar Cooper

SYM16-4: SEX-DEPENDENT PATTERNS IN NICOTINE SEEKING AND EFFECTS OF NICOTINE ON THE VTA PROTEOME
Marina Picciotto*, Angela Lee, Marina Picciotto, Shahid Mansuri, Rashaun Wilson, Sherry McKee, TuKiet Lam, Angus Nairn
8:00 a.m. - 9:30 a.m.
Holiday Ballroom 4 (East Building, Second Floor)
Podium Presentation 3: Symposium 17 (SYM 17)

THE CENTRE OF RESEARCH EXCELLENCE ON ACHIEVING THE TOBACCO EN DGAME
Chair: Coral Gartner*
Audience: P

SYM17-1: THE SYNTHESISED EVIDENCE ON TOBACCO EN DGAME INTERVENTIONS
Coral Gartner*, Cheneal Puljevic, Kylie Morphett, Marita Hefler, Billie Bonevski, Richard Edwards,
Andrew Perusco, David Sellars, Georgia Carstensen, Md Arifuzzaman Khan, Ron Borland

SYM17-2: COULD DENICOTINISATION OF TOBACCO PRODUCTS IN NZ ACHIEVE LESS THAN 5% BY 2025
Tony Blakely*, Driss Ait Ouakrim, Nick Wilson, Jennifer Summers

SYM17-3: FUTURE NICOTINE USE PREFERENCES OF CURRENT CIGARETTE SMOKERS:
FINDINGS FROM THE 2020 ITC FOUR COUNTRY SMOKING AND VA PING SURVEY
Ron Borland*, Lin Li, Michael Le Grande, Coral Gartner

SYM17-4: DO NICOTINE VA PING PRODUCTS INCREASE QUITTING AMONG PRIORITY POPULATION GROUPS OVER STANDARD SMOKING CESSION THERAPY? A PRAGMATIC RANDOMISED PARTIAL CROSS-OVER TRIAL
Kylie Morphett*, Mark Boyd, Cheneal Puljevic, Charles Gilks, Billie Bonevski, Ron Borland, Ryan
Courtney, Hayden McRobbie, Coral Gartner

SYM17-5: Discussant
Ruth Malone*

9:30 a.m. - 9:45 a.m.
Holiday Ballroom 6 (East Building, Second Floor)
Refreshment Break
9:45 a.m. - 10:45 a.m.
Key Ballroom 1-6 (Main Building, Second Floor)
**John Slade Award Winner and Public Health Theme Lecture: Monitoring The Evolving Tobacco/Nicotine Marketplace: Lessons Learned And Future Priorities To Reduce Tobacco-Caused Morbidity And Mortality**

*Session Chair:* Jennifer Pearson, PhD, MPH

*Presenter:* Christine Delnevo, PhD, Director, Rutgers Center for Tobacco Studies, Professor, Department of Health Behavior, Society & Policy, Rutgers School of Public Health, Senior Advisor, Tobacco Control Rutgers Cancer Institute of New Jersey

10:45 a.m. - 11:00 a.m.
Holiday Ballroom 6 (East Building, Second Floor)
**Refreshment Break**

11:00 a.m. - 12:30 p.m.
Holiday Ballroom 4 (East Building, Second Floor)
**Podium Presentation 3: Symposium 18 (SYM 18)**

**TOBACCO USE GENOMICS IN MULTI-ANCESTRY POPULATIONS: EMPHASIZING DIVERSITY TO REDUCE HEALTH DISPARITIES**

*Co-Chairs:* Meghan Chenoweth* and Rebecca Richmond*

*Audience:* C, HE, PC, PH

SYM18-1: USING GENOMIC AND EPIGENOMIC VARIATION ASSOCIATED WITH NICOTINE METABOLISM TO TAILOR TOBACCO CESSATION TREATMENT IN AMERICAN INDIAN AND ALASKA NATIVE PEOPLE
*Katrina Claw*

SYM18-2: ALCOHOL AND TOBACCO POLYGENIC RISK SCORE PREDICTION WITHIN AND ACROSS DIVERSE ANCESTRIES
*Gretchen Saunders*

SYM18-3: GENETIC SCORES AND BIOMARKERS INFORM PRECISION PREVENTION AND PRECISION TREATMENT
*Li-Shiun Chen*, Timothy Baker, Laura Bierut

SYM18-4: PREDICTED NICOTINE BIOMARKERS AND TRANSLATIONAL RESEARCH IN MULTI-ETHNIC POPULATIONS
*Andrew Bergen*, Carolyn Ervin, Christopher McMahan, James Baurley
SYM18-5: USE OF GENOMIC RISK TO MOTIVATE BEHAVIORAL CHANGE AMONG PEOPLE WHO SMOKE
Laura Bierut*, Alex Ramsey, Li-Shiun Chen

11:00 a.m. - 12:30 p.m.
Holiday Ballroom 1 (East Building, Second Floor)
Podium Presentation 3: Symposium 19 (SYM 19)

IMPACT OF MENTHOL E-CIGARETTE FLAVORING ON ACCEPTABILITY AND USE IN RACIAL/ETHNIC MINORITY SMOKERS

Chair: Jasjit Ahluwalia*
Audience: HE, PH

SYM19-1: CHARACTERIZING E-CIGARETTE USE, FLAVORS, AND REASONS FOR USE BY MENTHOL CIGARETTE STATUS AND RACE/ETHNICITY AMONG US ADULTS (PATH DATA 2016-2018)
Krysten Bold*, Eugenia Buta, Asti Jackson, Sakinah Suttiratana, Patricia Simon, Ralitza Gueorguieva, Stephanie O’Malley, Suchitra Krishnan-Sarin

SYM19-2: IMPACT OF E-LIQUID FLAVOR ON ABUSE LIABILITY AMONG NON-HISPANIC BLACK AND WHITE MENTHOL SMOKERS
Eleanor Leavens*, Leah Lambert, Nikki Nollen

SYM19-3: DOES MENTHOL FLAVORING HELP BLACK AND LATINX ADULT MENTHOL COMBUSTIBLE CIGARETTE SMOKERS SWITCH TO E-CIGARETTES?: SECONDARY ANALYSES FROM A RANDOMIZED CLINICAL TRIAL
Nikki Nollen*, Leah Lambert, Eleanor Leavens, Jasjit Ahluwalia, Myra Rice, Kim Pulvers

SYM19-4: DISCUSSANT
Suchitra Krishnan-Sarin*

11:00 a.m. - 12:30 p.m.
Key Ballroom 1-6 (Main Building, Second Floor)
Podium Presentation 3: Symposium 20 (SYM 20)

DUAL USE OF CIGARETTES AND ENDS IN THE PATH STUDY: TRANSITIONS IN DUAL USE PATTERNS, NICOTINE DEPENDENCE, USE TRAJECTORIES, AND CESSATION (2013-2019)

Co-Chairs: Nicolette Borek* and Heather Kimmel*
Audience: PH

SYM20-1: DUAL USE OF CIGARETTES AND ENDS IN THE PATH STUDY: TRANSITIONS IN DUAL USE PATTERNS, NICOTINE DEPENDENCE, USE TRAJECTORIES, AND CESSATION (2013-2020)
Nicolette Borek, Heather Kimmel, and Andrew Hyland, on behalf of the entire PATH Study team

Audience Key: PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
SYM20-2: TRANSITIONS IN CIGARETTE/ENDS DUAL USE PATTERNS AMONG ADULTS IN THE UNITED STATES, 2016 - 2019  
Eva Sharma*

SYM20-3: INDICATORS OF TOBACCO DEPENDENCE AMONG YOUTH IN THE UNITED STATES, 2013  
David Strong*

SYM20-4: ADOLESCENT TO YOUNG ADULT E-CIGARETTE AND CIGARETTE USE TRAJECTORIES IN THE UNITED STATES, 2013 - 2020  
Cassandra Stanton*

SYM20-5: ENDS USE AMONG ADULT CIGARETTE SMOKERS WITH NO PLANS TO EVER QUIT SMOKING IN THE UNITED STATES, 2014 - 2019  
Karin Kasza*

11:00 a.m. - 12:30 p.m.  
Holiday Ballroom 2 (East Building, Second Floor)  
Podium Presentation 3: Symposium 21 (SYM 21)

OPT-OUT TREATMENT FOR NICOTINE DEPENDENCE: FEASIBILITY, IMPLEMENTATION, AND CESSATION

Chair: Laura Martin*  
Audience: C

SYM21-1: EXPERIENCE IN IMPLEMENTING AN OPT-OUT SMOKING CESSATION SERVICES AT THE MEDICAL UNIVERSITY OF SOUTH CAROLINA  
K. Michael Cummings*, Benjamin Toll, Graham Warren

SYM21-2: SCALING OF OPT-OUT APPROACHES TO SMOKING CESSATION IN CANCER CARE: EXAMPLES AT THE INSTITUTIONAL, REGIONAL, AND NATIONAL LEVELS  
Graham Warren*

SYM21-3: THE IMPACT OF CHANGING THE DEFAULT FOR HOSPITAL TOBACCO TREATMENT ON PATIENT PERCEPTIONS, TREATMENT UTILIZATION, AND ABSTINENCE  
Kimber Richter*, Delwyn Catley, Byron Gajewski, Edward Ellerbeck, Babalola Faseru, Taneisha Scheuermann, Laura Mussulman, Niaman Nazir, Chuanwu Zhang, Laura Martin, Elena Shergina

SYM21-4: A BEHAVIORAL ECONOMIC INTERVENTION TO INCREASE PSYCHIATRIST ADHERENCE TO TOBACCO TREATMENT GUIDELINES: A PROVIDER-RANDOMIZED TRIAL  
Erin Rogers*, Christina Wysota, Judith Prochaska, Craig Tenner, Joanna Dognin, Binhuan Wang, Scott Sherman

SYM21-5: EXPANSION OF TOBACCO CESSATION TREATMENT WITHIN THE STANFORD CANCER INSTITUTE  
Judith Prochaska*, Amy Chieng, Maura Chandler, Cindy Tran, Brittany Pike
11:00 a.m. - 12:30 p.m.
Holiday Ballroom 5 (East Building, Second Floor)
Podium Presentation 3: Paper Session 14 (POD 14)

CIGARETTES AND E-CIGARETTES: TOXICITY AND DISEASE

*Chairs: Thomas Gould and Melissa Blank
*Audience: PC, C

POD14-1: SEX-DEPENDENT EFFECTS OF PRENATAL EXPOSURE TO THIRDHAND SMOKE ON THROMBOSIS-BASED DISEASE STATES

POD14-2: POWER- VERSUS TEMPERATURE-CONTROLLED ELECTRONIC CIGARETTES: IMPLICATIONS FOR EMISSIONS TESTING AND EXPOSURE
Rola Salman, Soha Talih, Nareg Karaoghlanian*, Alan Shihadeh

POD14-3: EVALUATING CELLULAR TOXICITY OF CURRENT DISPOSABLE VAPES
Alexis Voeller*, Maria Sassano, Robert Tarran

POD14-4: EXOSOMES ARE PATHOGENIC ENTITIES THAT DRIVE TISSUE REMODELING DURING CONVENTIONAL SMOKING
Matthew Madison*, Camilla Margarolli, Amit Gaggar, J, Edwin Blalock

POD14-5: CHRONIC HIV-1 TAT EXPOSURE ALTERS NICOTINE DEPENDENCE IN MICE
M. Imad Damaj*

POD14-6: COMPARATIVE TOXICOLOGICAL RISK-ASSESSMENT OF MENTHOL AND TOBACCO FLAVORS FOR E-CIGARETTE REGULATORY STANDARDIZATION
Thivanka Muthumalage*, Irfan Rahman

11:00 a.m. - 12:30 p.m.
Holiday Ballroom 3 (East Building, Second Floor)
Podium Presentation 3: Paper Session 15 (POD 15)

LESSONS FROM DIVERSE POLICY IMPLEMENTATION ACROSS THE GLOBE

*Chair: Hua Yong
*Audience: P, PH

POD15-2: IMPLEMENTATION BARRIERS AND FACILITATORS OF THE 2019 TOBACCO FLAVOR RESTRICTION LAW IN MASSACHUSETTS
Andy Tan*, Jane Roberts, Karen Emmons, Jonathan Winickoff, Jessica Liu, Elaine Hanby, Matthew Reynolds, Daniel Gundersen, Mark Gottlieb
POD15-3: PROTECTING NONSMOKERS FROM TOBACCO SMOKE PENETRATION IN MULTI-UNIT APARTMENT BUILDINGS - PROGRESS VIA LITIGATION IN ISRAEL
Laura Rosen*, Amos Haunser, Vicki Myers Gamliel

POD15-4: THE FACILITATORS AND BARRIERS TO TOBACCO CONTROL POLICIES AND THEIR IMPLEMENTATION IN FIVE LMIC’S- A QUALITATIVE ANALYSIS
Mariam Khokhar*, Anna-Marie Marshall, Kamran Siddiqi, Sarah Hill, Shirley Crankson, Rashmi Mehra, Ziauddin Islam, Jeff Collins, Helen Elsey

POD15-5: AN EVALUATION OF FCTC 2030- A PROGRAMME TO ACCELERATE THE IMPLEMENTATION OF THE WHO FRAMEWORK CONVENTION FOR TOBACCO CONTROL IN LOW- AND MIDDLE-INCOME COUNTRIES
Kamran Siddiqi*, Helen Elsey, Mariam Khokhar, Anna-Marie Marshall, Subhash Pokhrel, Monika Arora, Shirley Crankson, Rashmi Mehra, Paola Morello, Jeff Collins, Geoffrey Fong

POD15-6: UNREGULATED-FINDINGS FROM SMOKELESS TOBACCO SUPPLY CHAIN RESEARCH IN PAKISTAN
Fayaz Ahmad*, Zohaib Khan, Hajo Zeb, Sarah Forberger, Melanie Boeckmann, Muhammad Khan, Steffen Dreger, Kamran Siddiqi

POD15-7: A QUALITATIVE ANALYSIS OF SMOKING RESUMPTION AMONG FORMER ENDS USERS
Lindsay Robertson, Kealey-Rei Sanford, Andrew Waa, Janet Hoek*

12:30 p.m. - 2:00 p.m.
Key Ballroom 7-12 (Main Building, 2nd Floor)
Poster Session 5
ON-DEMAND PAPERS
(Pre-Recorded Paper “Plus”)
Because of social distancing concerns and hotel space in Baltimore, approximately 60 percent of accepted papers are being presented in-person over the course of the 2022 Annual Meeting.

The remaining 40 percent of accepted papers have been pre-recorded and are available to all conference registrants on demand. To access the pre-recorded On-Demand Papers (PP), visit SRNT Central Online at https://cattendee.abstractsonline.com/meeting/10531. There registrants will have access to all on-demand content, including 100+ pre-recorded On-Demand Papers as well as all posters in the Poster Gallery.

On-Demand Paper presenters have the option of being available for Q&A during Poster Session 4 from 4:45 p.m.-6:15 p.m. EDT, on Thursday, March 17.

4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)
On-Demand Papers: Pre-Recorded Paper “Plus”

Audience: PH, P, C, PC, HE

**PP-1:** A PILOT RANDOMISED TRIAL OF A BRIEF VIRTUAL REALITY SCENARIO IN SMOKERS UNMOTIVATED TO QUIT: ASSESSING THE FEASIBILITY OF RECRUITMENT
Olga Perski*, Trupti Jambharunkar, Jamie Brown, Dimitra Kale

**PP-2:** RANDOMIZED CONTROLLED TRIAL OF A TAILORED WEB AND TEXT MESSAGE INTERVENTION FOR SMOKING CESSATION IN SOCIOECONOMICALLY-DISADVANTAGED YOUNG ADULT CIGARETTE SMOKERS

**PP-4:** DO HARM PERCEPTIONS OF NICOTINE REPLACEMENT THERAPY RELATIVE TO CIGARETTE SMOKING PREDICT ITS USE AS AN AID FOR SMOKING CESSATION? FINDINGS FROM THE ITC FOUR COUNTRY SMOKING AND VAPING SURVEYS
Hua Yong*, Scott Tagliaferri, Shannon Gravely, Ron Borland, Michael Cummings, Katherine East, Andrew Hyland, Maansi Bansal-Travers, Geoffrey Fong

**PP-5:** DIFFERENCES BETWEEN DAILY SMOKERS WHO DO AND DO NOT CO-USE CANNABIS: FINDINGS FROM THE 2020 ITC SMOKING AND VAPING SURVEY

**PP-6:** CARCINOGENIC AND TOBACCO SMOKE DERIVED PARTICULATE MATTER BIOMARKER UPTAKE AND ASSOCIATED HEALTHCARE PATTERNS AMONG PEDIATRIC EMERGENCY DEPARTMENT PATIENTS
Ashley L. Merianos*, Roman A. Jandarov, E. Melinda Mahabee-Gittens
4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)
On-Demand Papers: Pre-Recorded Paper “Plus”

**PP-7: SMOKING CESSION TREATMENT MECHANISMS- EVALUATING WITHDRAWAL RELIEF AS A MEDIATOR OF VARENICLINE EFFICACY**
Sarah Tonkin*, Craig Colder, Martin Mahoney, Gary Swan, Paul Cinciripini, Robert A. Schnoll, Tony P. George, Rachel Tyndale, Caryn Lerman, Larry Hawk

**PP-8: RESULTS OF THE OASIS TRIAL: IMPLEMENTATION OF SMOKING CESSION SERVICES WITHIN NCORP COMMUNITY SITES WITH ORGANIZED LUNG CANCER SCREENING PROGRAMS**
Kristie Foley*, Kathryn Weaver, Emily Dressler, Carol Kittel, David Miller, Erin Sutfin, Christina Bellinger, John Spangler, Rebecca Stone, Glenn Lesser, Caroline Chiles

**PP-9: A SMART TRIAL OF SMOKING CESSION INTERVENTIONS IN THE CONTEXT OF LUNG CANCER SCREENING: PLUTO STUDY RESULTS**
Anne Joseph*, Steven Fu, Alex Rothman, Abbie Begnaud, Bruce Lindgren, Kelsey Schertz, David Vock, David Haynes, Anne Melzer

**PP-10: NCI SMOKING CESSION AT LUNG EXAMINATION (SCALE) TRIALS: BASELINE CHARACTERISTICS AND COMPARISON WITH THE US GENERAL POPULATION OF LUNG CANCER SCREENING ELIGIBLE PATIENTS**
Rafael Meza*, Jihyoun Jeon, Evelyn Jimenez-Mendoza, Yoonseo Mok, Pianpian Cao, Kristie Foley, Caroline Chiles, Jamie Ostroff, Paul M. Cinciripini, Jennifer Minnix, Nancy Rigotti, Jennifer Haas, Kathryn Taylor, Randi Williams, Benjamin Toll, Anne Joseph

**PP-11: READINESS AND CAPACITY OF LUNG CANCER SCREENING SITES TO DELIVER TOBACCO USE TREATMENT**
Jamie Ostroff*, Donna Shelley, Kathryn Taylor, Randi Williams, Emily Dressler, Carol Kittel, Kathryn Weaver, Kristie Foley

**PP-12: CHARACTERISTICS OF REGISTERED CLINICAL TRIALS EVALUATING THE ROLE OF E-CIGARETTES IN CESSION OR REDUCTION OF CIGARETTE SMOKING**
Krysten W. Bold*, Felicia Y. Hung, Joshua D. Wallach, Stephanie S. O'Malley

**PP-13: GENOME-WIDE METHYLATION OF SMOKERS AND EX-SMOKERS IS ASSOCIATED WITH COGNITIVE PERFORMANCE**
Merideth Addicott*, Ping-Ching Hsu, Joseph Su, Stacey Daughters, Daniel Acheampong, Michael Bauer

**PP-14: TOBACCO TREATMENT OUTCOMES FOR HOSPITAL PATIENTS WITH AND WITHOUT MENTAL HEALTH DIAGNOSES**
Brandon T. Sanford*, Alana M. Rojewski, Madeline G. Foster, Amanda M. Palmer, Michael Cummings, Stephanie Stansell, Benjamin A. Toll
4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)
On-Demand Papers: Pre-Recorded Paper “Plus”

**PP-15:** PAIN INTENSITY AS A PREDICTOR OF CIGARETTE AND E-CIGARETTE USE/CO-USE ACROSS WAVES 1-4 OF THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY: THE MODERATING ROLE OF SEX
Jessica Powers*, Stephen A. Maisto, Michael J. Zvolensky, Joseph W. Ditre

**PP-16:** A META-ANALYSIS OF THE EFFICACY OF SMOKELESS TOBACCO FOR SMOKING CESSION
Daniel Stjepanovic*, Preeti Phartiyal, Janni Leung, Carmen Lim, Tianze Sun, Jack Chung, Coral Gartner, Wayne Hall, Gary C. K. Chan

**PP-17:** UTILIZATION AND EFFICACY OF SMARTPHONE APPLICATIONS FOR SMOKING CESSION AMONG LOW-INCOME SMOKERS. ANALYSIS OF THE ICANQUIT RANDOMIZED CONTROLLED TRIAL
Margarita Santiago-Torres*, Kristin E. Mull, Brianna M. Sullivan, Diana M. Kwon, Darla E. Kendzor, Jonathan B. Bricker

**PP-18:** EXAMINING THE IMPACT OF ECOLOGICAL MOMENTARY ASSESSMENT ON SMOKING CESSION IN A PUBLICLY AVAILABLE CESSION SMARTPHONE APPLICATION
Kara P. Wiseman*, Alexandra Budenz, Jessica Smith, Leeann Nicole Siegel, Yvonne Prutzman

**PP-19:** DEVELOPMENT OF AN AUTOMATED VIDEO-ASSISTED SMOKING TREATMENT FOR PEOPLE WITH HIV
Damon Vidrine*, Thanh C. Bui, Kristina Bowles, Jennifer I. Vidrine

**PP-20:** 'LOVE MY LUNGS’ - A SMOKE-FREE HOME INTERVENTION FOR FAMILIES OF BABIES ADMITTED TO NEONATAL INTENSIVE CARE
Caitlin Notley*, Emma Ward

**PP-21:** DEVELOPMENT AND ANALYSIS OF TOBACCO TREATMENT MEASURES FOR CANCER REGISTRIES FOR LONGER-TERM QUALITY IMPROVEMENT
Tresza D. Hutcheson*, Tim Metcalf, Lisa Sanderson Cox, Edward F. Ellerbeck, Kimber P. Richter

**PP-22:** RANDOMIZED CONTROLLED TRIAL OF A MINIMUM VIABLE PRODUCT (MVP) DIGITAL THERAPEUTIC FOR SMOKING CESSION
Erika Litvin Bloom*, Brian Iacoviello, Olya Besedina, Shaheen E. Lakhan

**PP-23:** EMISSIONS FROM CONVENTIONAL CIGARETTES AND IQOS HEETS: A COMPARATIVE STUDY ASSESSING THE IMPACT OF MORE INTENSE SMOKING PARAMETERS ON EMISSION COMPOSITION
Michele Davigio*, Walther N.M. Klerx, Antoon Opperhuizen, Reinskje Talhout, Frederik-Jan van Schooten, Alexander H. Remels
4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)
On-Demand Papers: Pre-Recorded Paper “Plus”

**PP-26:** SEX/GENDER DIFFERENCES IN TRIGGERS FOR THINKING ABOUT QUITTING SMOKING. FINDINGS FROM THE INTERNATIONAL TOBACCO CONTROL (ITC) NETHERLANDS SURVEY
Gera Nagelhout, Nikita Poole*, Cloé Geboers, Tessa Magnée, Anne Marije Kaag, Floor van den Brand, Bas van den Putte, Hein de Vries, Geoffrey Fong, Marc Willemsen

**PP-27:** PREVALENCE OF CURRENT LARGE CIGAR VERSUS LITTLE CIGAR/CIGARILLO SMOKING AT THE INTERSECTION OF AGE AND RACE/ETHNICITY AMONG U.S. ADULTS, 2018-2019
Lilianna Phan*, Timothy S. McNeel, Kelvin Choi

**PP-28:** U.S. TOBACCO USE DISPARITIES AND THE HEALTH OF VULNERABLE PATIENTS IN THE TOBACCO ENDGAME
Douglas E. Levy*, Stephanie S. Lee, Fatma M. Shebl, Yiqi Qian, Sydney L. Goldberg, Emily P. Hyle, Jessica E. Becker, Krishna P. Reddy

**PP-29:** SOCIODEMOGRAPHIC DISPARITIES IN TOBACCO RETAILER DENSITY IN THE UNITED STATES, 2000 - 2017

**PP-30:** SOCIOECONOMIC STATUS ACROSS THE LIFE COURSE AND SMOKING TRAJECTORIES OF OLDER ADULT SMOKERS IN THE U.S.
Jaqueline C. Avila*, Ezinwa Osuoha, Sangah Lee, Dale Dagar Maglalang, Alexander Sokolovsky, Jasjit S. Ahluwalia

**PP-31:** THE DIFFERENTIAL IMPACT OF THE 2000 CANADIAN GRAPHIC WARNING LABEL POLICIES ON SMOKING PREVALENCE BY SEX AND EDUCATION - A DIFFERENCE-IN-DIFFERENCE MODEL
Bukola Usidame*, Gang Meng, James Thrasher, Mary E. Thompson, Geoffrey Fong, Nancy Fleischer

**PP-33:** CORRELATES OF AWARENESS AND SUPPORT FOR E-CIGARETTE AND HTPS BANS AMONG MEXICAN SMOKERS
Lizeth Cruz-Jiménez*, Inti Barrientos-Gutiérrez, Katia Gallegos-Carrillo, Edna Arillo-Santillán, Rosibel Rodríguez-Bolaños, James F. Thrasher

**PP-34:** DIFFERENCES IN RESPONSES TO A MENTHOL CIGARETTE BAN ACROSS MENTHOL AND NON-MENTHOL YOUNG ADULT CIGARETTE SMOKERS AND VULNERABLE SUB-GROUPS OF MENTHOL SMOKERS
Taylor Niznik*, Sarah J. Ehlke, Janet Audrain-McGovern, James G. Murphy, Delaney Dunn, Whitney Cotten, Riley Wyatt, Michael A. Smith, Wallace Pickworth, Andrea Villanti, Amy M. Cohn

**PP-35:** PREEMPTION IN U.S. STATE MLSA LAWS, 2021 UPDATE
Page D. Dobbs*, Ginny Chadwick, Renae Merrill, Eric Schisler, Lisa Henriksen

**Audience Key:** PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)
On-Demand Papers: Pre-Recorded Paper “Plus”

**PP-36:** IMPACT OF E-CIGARETTE USE ON CIGARETTE QUITTING BEHAVIORS IN BLACK SMOKERS
Asti Jackson*, Mary E. Fleischli, Angela Haeny, Meg Gerrard, Frederick X. Gibbons

**PP-37:** HETEROGENEITY IN E-CIGARETTE USE AMONG ASIAN AMERICAN ADOLESCENTS IN MINNESOTA
April K. Wilhelm*, Steven Fu, Patrick Hammett, Marla E. Eisenberg, Rebekah J. Pratt, Michele L. Allen

**PP-38:** THE IMPACT OF CAREGIVER’S TOBACCO PRODUCT USE ON E-CIGARETTE USE AMONG BLACK ADULTS
Angela Haeny*, Mary Fleischli, Asti Jackson, Stephanie O’Malley, Meg Gerrard, Rick Gibbons, Abigail Friedman

**PP-39:** TACTICS USED SYSTEMATICALLY BY BIG TOBACCO THAT ATTRACT CHILDREN AND YOUTH AT TOBACCO POINTS-OF-SALE
Jennifer L. Brown*, Debra Rosen, María Carmona, Mark Hurley, Natalia Parra, Joanna E. Cohen

**PP-40:** UNDERSTANDING DISPARITIES IN LUNG CANCER SCREENING AMONG LOW-INCOME SMOKERS IN AN URBAN HEALTH CENTER IN SOUTHERN CALIFORNIA
David R. Strong*, Elizabeth Brighton, Aaron Tam, Job Godino, Kimberly Brouwer, Charles Smoot, Eva Matthews, Paloma Mohn, Carrie Kirby, Shu-Hong Zhu, Jie Liu

**PP-41:** NEIGHBORHOOD TOBACCO RETAIL ACCESS AND COGNITIVE TOBACCO USE RISK FACTORS IN YOUNG ADOLESCENTS IN URBAN INDIA

**PP-42:** TOBACCO USE IN MIDDLE-CLASS PEOPLE OF COLOR: FROM SOCIAL EPIDEMIOLOGY TO BRAIN CIRCUITS
Shervin Assari*

**PP-43:** CIGARETTE PRICES BEFORE AND AFTER STATE AND LOCAL TOBACCO TAX AND PRICE POLICIES IN BAY AREA CITIES 2014-2020
Vira Pravosud*, Louisa Holmes, Lauren Lempert, Pamela Ling

**PP-45:** HOW TALKING ABOUT CIGARETTE WARNING LABELS INFLUENCES SUBSEQUENT QUIT ATTEMPTS. A MEDIATION ANALYSIS OF TOPICS OF CONVERSATIONS AMONG MEXICAN SMOKERS
4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)
**On-Demand Papers: Pre-Recorded Paper “Plus”**

**PP-46**: RESISTANCE SELF EFFICACY MEDIATES THE RELATIONSHIPS BETWEEN TOBACCO SMOKING OUTCOME EXPECTANCY AND THE DESIRE TO QUIT TOBACCO SMOKING AMONG SAUDI GIRLS
Abdullah M. Alanazi*, Shahad F. Almutairi, Alanoud A. Alsarami, Fay J. Alanazi, Lama H. Alqahtani

**PP-47**: TOBACCO PRODUCT DISPLAY IN RETAIL SETTINGS IN SILIGURI, INDIA
Ryan David Kennedy*, Sejal Saraf, Kathy Wright, Joshua Sinamo, Nidhi Sejpal Pouranik, Ashish Pandey, Rana Jugdeep Singh, Joanna Cohen

**PP-48**: USING PUBLIC INVOLVEMENT TO QUALITATIVELY EXPLORE LAY PERSPECTIVES ON A CHANGING LANDSCAPE OF TOBACCO AND NICOTINE USE AND TOBACCO CONTROL POLICIES
Sharon Cox*, Jamie Brown, Loren Kock, Lesley Miller, Caitlin Notley, Kizzy Richards, Lion Shahab

**PP-49**: VAPING PRODUCTS AND PROMOTIONAL AND LABELLING PRACTICES IN CANADA BEFORE AND AFTER PROVINCIAL RESTRICTIONS ON NICOTINE CONCENTRATION AND FLAVOURS: A SCAN OF THE ONLINE RETAIL MARKET
Katherine East*, Kimberly D’Mello, Danielle Wiggers, Syed Mahamad, David Hammond

**PP-50**: IMPLEMENTATION STRATEGIES FOR SMOKE-FREE PUBLIC HOUSING TO PROMOTE BETTER OUTCOMES

**PP-51**: THE HYPOTHETICAL IMPACT OF VAPING PRODUCT REGULATIONS ON VAPE SHOP CUSTOMER BEHAVIOR CHANGE INTENTIONS: OPINIONS OF VAPE SHOP RETAILERS IN LOS ANGELES COUNTY
Olena Les, Heesung Shin, Nichelle Brown, Sabrina L. Smiley*

**PP-52**: OUTDOOR SMOKING AS A NUISANCE TO NON-SMOKERS. THE CASE FOR SMOKE-FREE OUTDOOR PUBLIC SPACES IN URBAN AREAS
Jeroen Bommelé*, Bethany Hipple Walters, Saskia Van Dorsselaer, Marc Willemsen

**PP-53**: TOBACCO SERVICES AND SMOKE-FREE POLICIES IN MENTAL HEALTH AND SUBSTANCE ABUSE TREATMENT FACILITIES IN THE MIDWEST
Nathalia Munck Machado*, Rick Cagan, Tony Stelter, Janet Jackson, Kimber Richter

**PP-54**: PUBLIC PERCEPTIONS OF TOBACCO RETAIL REDUCTION POLICIES IN NEW ZEALAND
Louise Marsh*, Robib Quigg, Jerram Bateman

**Audience Key**: PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)
On-Demand Papers: Pre-Recorded Paper “Plus”

PP-55: IQOS MARKETING STRATEGIES AT POINT-OF-SALES - A CROSS-SECTIONAL SURVEY WITH RETAILERS
Yael Bar-Zeev*, Carla Berg, Amal Khayat, Katelyn F. Romm, Christina N. Wysota, Lorien C. Abroms, Daniel Elbaz, Hagai Levine

PP-56: A THEMATIC ANALYSIS OF ARGUMENTS ADVANCED IN TWEETS PROMOTING WORLD VAPE DAY 2020
Lindsay Robertson, Ell Lee, Elizabeth Fenton, Ayush Joshi, Karen Evans-Reeves, Janet Hoek*

PP-57: A SOCIAL NETWORK ANALYSIS OF E-CIGARETTE BRANDS AND SOCIAL MEDIA INFLUENCERS ON INSTAGRAM
Julia Vassey*, Joshua Barker, Thomas Valente, Cassandra Stanton, Dongmei Li, Linnea Laestadius, Tess Boley Cruz, Jennifer Unger

PP-58: NEW TOBACCO AND NICOTINE PRODUCTS IN LATIN AMERICA AND THE CARIBBEAN: ASSESSING THE MARKET AND REGULATORY ENVIRONMENT
Gianella Severini*, Eric Crosbie, Alexandra Beem, Brian Tran, Ernesto M. Sebrie

PP-59: WHAT IMPACT DOES A TOBACCO RETAILER PROXIMITY LIMIT HAVE ON TOBACCO AVAILABILITY IN NEW ZEALAND?
Louise Marsh*, Crile Doscher, Ella Iosua, Robin Quigg, Melanie Tomintz

PP-60: HEATED TOBACCO PRODUCT USE OVER TIME, ITS CORRELATES, AND REASONS FOR USE AMONG MEXICAN SMOKERS AND VAPERS

PP-61: IT IS REALLY GROSS, BUT IN A GOOD WAY, IT GETS THE MESSAGE ACROSS, THIS COULD BE YOU - EVALUATING WATERPIPE SPECIFIC HEALTH WARNING LABELS AMONG YOUNG PEOPLE IN THE US: A FOCUS GROUP STUDY
Taghrid Asfar, Michael Schmidt, Alejandra Casas*, Olusanya J. Oluwole, Laura McClure, Richard J. Thurer, Ian Abrams, Wei Li, Zoran Bursac, Wasim Maziar

PP-62: HARM PERCEPTIONS AND BEHAVIORAL INTENTIONS IN RESPONSE TO SMOKELESS TOBACCO GRAPHIC HEALTH WARNING LABELS IN BANGLADESH
Laura E. Kroart*, Lauren Czaplicki, Sejal Saraf, A.B.M. Rasheduzzaman, Mohammad Shamimul Islam, Joanna Cohen

PP-63: PERCEIVED EFFECTIVENESS OF WATERPIPE-SPECIFIC HEALTH WARNING LABELS AMONG YOUNG ADULTS IN THE US: RESULTS FROM AN ONLINE SURVEY
Taghrid Asfar, Alejandra Casas*
4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)

**On-Demand Papers: Pre-Recorded Paper “Plus”**

**PP-64:** BEHAVIORAL INTENTIONS IN RESPONSE TO A POTENTIAL MENTHOL BAN A STUDY OF MENTHOL SMOKERS LIVING IN PUBLIC HOUSING
Craig Dearfield*, Kimberly Horn, Ian Crandell, Debra Bernat

**PP-65:** DISPARITIES IN CIGARETTE, E-CIGARETTE AND CIGAR USE AT THE INTERSECTION OF MULTIPLE IDENTITIES IN THE U.S ADULT POPULATION. RESULTS FROM THE TUS-CPS 2018-2019 SURVEY
Luis Zavala-Arciniega*, Rafael Meza, Jana L. Hirschtick, Nancy L. Fleischer

**PP-66:** THE IMPACT OF STATE-LEVEL FLAVOR RESTRICTIONS ON TOBACCO PRODUCT SALES
Megan C. Diaz, Adrian Bertrand, Daniel K. Stephens, Tyra Satchell, Laurie P. Whitsel, Barbara Schillo*

**PP-67:** CHARACTERIZING THE US CIGAR MARKET AHEAD OF THE FDA’S PROPOSED RULE TO REMOVE FLAVORED CIGARS
Emily Donovan*, Stephanie Yoon, Megan Diaz, Maham Akbar, Barbara Schillo

**PP-68:** FUTURE PROSPECTS FOR THE DEVELOPMENT OF ANTI-SMOKING RESEARCH IN FRANCE: RESULTS OF A QUALITATIVE STUDY
Anne-Fleur Guillemin, Jérôme Foucaud*

**PP-69:** A LONGITUDINAL ANALYSIS OF MPOWER IMPLEMENTATION FROM 2008 TO 2018
Les Hagen*, Gholamreza Heydari, Fadi Hammal

**PP-70:** DOES SELF-REPORTED EXPOSURE TO TOBACCO MARKETING AT TOBACCO RETAIL OUTLETS INFLUENCE THE TRAJECTORY OF TOBACCO USE AMONG YOUTH?
Keryn E. Pasch*, Jacob E. Thomas, Melissa B. Harrell

**PP-71:** SUPPORT FOR NICOTINE REDUCTION IN TOBACCO PRODUCTS FINDINGS FROM THE 2016-2020 ITC FOUR COUNTRY SMOKING AND VAPING SURVEYS
Robert T. Fairman*, Yoojin Cho, Lucy Popova, Michael Cummings, Georges Nahhas, Tracy Smith, Janet Chung Hall, Geoffrey Fong, Ron Borland, Ann McNeill, James Thrasher

**PP-72:** THE CREDIBILITY OF TOBACCO CONTROL AND PREFERENCE OF SMOKING CESSATION PROGRAMS AMONG SAUDI SMOKERS
Abdullah M. Alanazi*, Nada Alfahadi, Sadeem Alsayari, Foton Alkhonain, Norah Alsulami, Taha T. Ismaeil

**PP-73:** EXTRACTION OF COTININE IN URINE USING A MOLECULARLY IMPRINTED POLYMER
Haley A. Mulder*, Adam C. Pearcy, Matthew S. Halquist

**Audience Key:** PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
4:45 p.m. - 6:15 p.m.
Key Ballroom 7-12 (Main Building, Second Floor)

On-Demand Papers: Pre-Recorded Paper “Plus”

**PP-74:** ASSESSING THE TOXICITY OF DIY ADDITIVES IN RESPONSE TO A FLAVOR BAN IN ECIG LIQUIDS
Ahmad El-Hellani*, Eric K. Soule, Soha Talih, Rola Salman, Rachel El Hage, Najat Saliba, Alan Shihadeh

**PP-75:** DEPRESSED MOOD AND COGNITIVE IMPAIRMENT ARE ASSOCIATED WITH STRIATAL DOPAMINE DYSFUNCTION AND BETA2*-NACHR AVAILABILITY IN RECENTLY ABSTINENT TOBACCO SMOKERS
Katina C. Calakos*, Ansel T. Hillmer, Gustavo A. Angarita, Stephen Baldassarri, David Matuskey, MingQiang Zheng, Michael Kapinos, Yiyun Huang, Kelly P. Cosgrove

**PP-76:** POWER- VERSUS TEMPERATURE-CONTROLLED ELECTRONIC CIGARETTES: IMPLICATIONS FOR EMISSIONS TESTING AND EXPOSURE
Rola Salman, Soha Talih, Nareg Karaoghlanian*, Alan Shihadeh

**PP-77:** DUAL USERS’ PERCEPTIONS OF THE ADDICTIVE PROPERTIES OF CIGARETTES VS. E-CIGARETTES
Robin N. Perry*, Jane P. Grgulis, Sarah L. Harrison, Sean P. Barrett

**PP-78:** EFFECTS OF COMPUTED NICOTINE FLUX AND PROTONATION ON PUFF TOPOGRAPHY AND PLASMA NICOTINE EXPOSURE
Soha Talih, Rola Salman, Miaoshan Yen, Nareg Karaoghlanian, Alison Breland, Thomas Eissenberg, Alan Shihadeh*

**PP-79:** VAPING-INDUCED PROTEOLYSIS CAUSES AIRWAY DEHYDRATION
Arunava Ghosh*, Raymond D. Coakley, Neil E. Alexis, Robert Tarran

**PP-80:** EVALUATION OF EARLY INFLAMMATORY AND IMMUNE CELL RESPONSES IN THE MURINE LARYNX FOLLOWING SUBACUTE LOW AND HIGH DOSE WHOLE-BODY CIGARETTE SMOKE EXPOSURE
Meena Easwaran*, Joshua D. Martinez, Juyong Brian Kim, Elizabeth Erickson-DiRenzo

**PP-81:** EFFECTS OF CIGARETTE SMOKE AND E-CIGARETTE AEROSOL EXTRACT ON INTRACRANIAL SELF-STIMULATION IN RATS
Andrew Harris*, Peter Muelken, Aleksandra Alcheva, Irina Stepanov, Mark LeSage

**PP-82:** ADOLESCENT NICOTINE TREATMENT ENHANCES THE MOTIVATION TO SELF-ADMINISTER NICOTINE IN RATS: A BEHAVIORAL ECONOMICS APPROACH
Ranjith kumar Chellian*, Azin Behnood-Rod, Ryann Wilson, Adriaan W. Bruijnzeel

**PP-83:** MODELING CHRONIC NICOTINE EXPOSURE IN MICE USING AN ELECTRONIC NICOTINE DELIVERY SYSTEM
Laura B. Murdaugh*, Cristina Miliano, Christine L. Faunce, Irene Chen, Nicholas M. Russel, Ann M. Gregus, Matthew Buczynski
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**PP-84:** EFFECTS OF E CIGARETTE AEROSOL EXPOSURE ON THE MUCOCILIARY AIRWAY EPITHELIUM
Arunima Purkayastha*, Chadani Sen, Abdo Durra, Cody Aros, David Shia, Tammy Rickabaugh, Steven Jonas, Brigitte Gomperts

**PP-85:** OVER ONE YEAR LATER - EVALI AWARENESS, KNOWLEDGE AND IMPACT ON E-CIGARETTE USE INTEREST AMONG SMOKERS AND YOUNG ADULT NON-SMOKERS
Olivia Wackowski*, Stefanie Gratale, Michelle Jeong, Cristine Delnevo, Michael Steinberg, Richard O’Connor

**PP-86:** BLUNTS AND BLACK AND MILDS: UNPACKING LITTLE CIGAR AND CIGARILLO TERMINOLOGY AMONG AFRICAN AMERICAN/BLACK AND HISPANIC/LATINO TEENS
Emily C. Sanders*, Dawnyéa Jackson, Megan Wall, Mario Navarro, Molly Barry, Dana Wagner

**PP-87:** E-CIGARETTES FOR SMOKING CESSATION AND THEIR LONG TERM USE IN THIS POPULATION. COCHRANE LIVING SYSTEMATIC REVIEW
Ailsa R. Butler*, Annika Theodoulou, Nicola Lindson, Hayden McRobbie, Chris Bullen, Rachna Begh, Caitlin Notley, Nancy Rigotti, Tari Turner, Thomas Fanshawe, Peter Hajek, Jamie Hartmann-Boyce

**PP-88:** COMMUNITY WIC SYSTEM-INITIATED MULTILEVEL INTERVENTION IMPROVES MATER- NAL SMOKERS’ BIOVERIFIED ABSTINENCE, BABIES LIVING SAFE AND SMOKEFREE RCT
Bradley N. Collins*, Stephen Lepore, Brian Egleston

**PP-89:** PERCEPTIONS OF HARM AND ADDICTION ON THE AGE OF INITIATION OF CIGAR USE AMONG YOUTH-FINDINGS FROM THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY, 2013-2017
Baojiang Chen*, Kymberle Sterling, Meagan Bluestein, Arnold Kuk, Melissa Harrell, Folefac Atem, Adriana Perez

**PP-90:** LONGITUDINAL ASSOCIATIONS BETWEEN EXCLUSIVE AND DUAL USE OF ELECTRONIC NICOTINE DELIVERY SYSTEMS AND CIGARETTES AND CARDIOVASCULAR DISEASE AMONG ADULTS

**PP-91:** CO-DESIGNING NOVEL VAPING CESSATION INTERVENTIONS WITH YOUTH AND YOUNG ADULTS: THE STOP VAPING CHALLENGE AND POSTCARDS FROM THE FUTURE
Sherald Sanchez*, Patrick Feng, Pamela Kaufman, Bruce Baskerville, Robert Schwartz, Michael Chaiton

**Audience Key:** PC: Pre-Clinical; C: Clinical; PH: Public Health/Epidemiology; P: Policy
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**PP-92:** PATTERNS OF DAILY CIGARETTE AND E-CIGARETTE USE AMONG US YOUTH AND YOUNG ADULTS: INSIGHTS FROM THE TRUTH LONGITUDINAL COHORT BETWEEN 2018 AND 2019
Elizabeth C. Hair*, Elizabeth K. Do, Michael Liu, Tarik Benmarhnia, John Pierce

**PP-93:** TOBACCO AND E-CIGARETTE USE BEHAVIOR TRANSITIONS AMONG A YOUTH AND YOUNG ADULT SAMPLE
Elizabeth K. Do*, Shreya Tulsiani, Donna M. Vallone, Elizabeth C. Hair

**PP-94:** NICOTINE DEPENDENCE, OTHER TOBACCO USE, AND CANNABIS USE: DIFFERENCES AMONG LIGHT AND HEAVY ADOLESCENT AND YOUNG ADULT E-CIGARETTE USERS
Jill M. Singer*, Alayna P. Tackett, Theodore L. Wagener, Marielle Brinkman, Bo Lu, Miranda B. Kinsell, Clara Rykaczewski, Megan E. Roberts

**PP-95:** INVESTIGATING THE SUBSTITUTABILITY OF ALTERNATIVE TOBACCO AND NICOTINE PRODUCTS FOR CONVENTIONAL CIGARETTES IN THE EXPERIMENTAL TOBACCO MARKET-PLACE AMONG VULNERABLE POPULATIONS
Kaitlyn O. Browning*, Tyler Nighbor, Anthony C. Oliver, Ellaina N. Reed, Michael J. DeSarno, Warren K. Bickel, Stephen T. Higgins

**PP-96:** EFFECTIVENESS OF WHATSAPP ONLINE GROUP DISCUSSION FOR SMOKING RELAPSE PREVENTION: A PRAGMATIC RANDOMIZED CONTROLLED TRIAL
Yee-Tak Derek Cheung*, Qi Wang, Ching Han Helen Chan, Michael Conway, Carlos King Ho Wong, Man Ping Wang, William Ho Cheung Li, Tai Hing Lam

**PP-97:** ELECTRONIC NICOTINE DELIVERY SYSTEMS (ENDS) USE DURING A SIX-YEAR PERIOD IS NOT ASSOCIATED WITH SELF-REPORTED CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) AFTER PROPER ADJUSTMENT OF CIGARETTE SMOKING HISTORY; A LONGITUDINAL ANALYSIS OF PATH DATA
Rafael Meza*, Steven Cook, Ji hyoun Jeon, David Levy, Jana Hirsch, Nancy Fleischer

**PP-98:** CHANGES IN PERCEPTIONS OF HARMFULNESS OF HEATED TOBACCO PRODUCTS COMPARED TO COMBUSTIBLE CIGARETTES: FINDINGS FROM THE 2018-2020 ITC JAPAN SURVEYS

**PP-99:** TRENDS IN PRICE MINIMIZING BEHAVIORS BY SMOKERS IN EUROPE BETWEEN 2006 - 2020. EVIDENCE FROM THE INTERNATIONAL TOBACCO CONTROL (ITC) PROJECT
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PP-100: PREVALENCE OF USE AND REAL WORLD EFFECTIVENESS OF SMOKING CESSATION AIDS DURING THE COVID-19 PANDEMIC
Sarah E. Jackson*, Sharon Cox, Lion Shahab, Jamie Brown

PP-101: COMPARING PREDICTORS OF ELECTRONIC NICOTINE PRODUCT QUIT ATTEMPTS AND CESSATION - ANALYSIS OF WAVES 3 AND 4 OF THE PATH STUDY
Nandita Krishnan*, Lorien C. Abroms, Carla J. Berg


PP-103: TRENDS IN RURAL AND URBAN CIGARETTE SMOKING QUIT RATIOS IN THE UNITED STATES, 2010-2019
Maria A. Parker*, Andrea H. Weinberger, Andrea C. Villanti

PP-104: CHANGING AGE PATTERNS OF CIGARETTE AND ENDS TRANSITIONS IN THE PATH STUDY: A MULTISTATE TRANSITION MODEL ANALYSIS OF ADULTS AND YOUTH BEFORE (WAVES 1-4) AND AFTER (WAVES 4-5) 2017
Andrew Brouwer*, Jihyoun Jeon, Evelyn Jimenez-Mendoza, Stephanie Land, Ritesh Mistry, David Levy, Rafael Meza

PP-105: QUITTING VAPING FROM THE PERSPECTIVES OF REDDIT USERS
Laura Louise Struik*, Youjin (Christine) Yang

PP-106: VALIDATION OF A MEASURE OF CIGARETTE PACKAGING BRAND APPEAL
Matthew Stone*, John Pierce, Eric Leas, Claudiu Dimofte, Kim Pulvers, David Strong

PP-107: A COMPARISON OF RESPIRATORY SYMPTOMS AMONG ADULT CANNABIS USERS, TOBACCO USERS, CO-USERS, AND NON-USERS
Riley J. Wyatt*, Sarah J. Ehlke, Michael A. Smith, Taylor Niznik, Delaney Dunn, Darla E. Kendzor, Amy M. Cohn

PP-108: THE EFFECTS OF CIGARETTE LABELING POLICIES ON CONVERSATIONS ABOUT SMOKING HARMs AND CESSATION: ASSESSING MODERATION BY SOCIAL NETWORK CHARACTERISTICS
Victoria C. Lambert*, Chung-Li Wu, James F. Thrasher

PP-109: EXPLORING VARIATION IN HOW MEDIA DEPICTIONS OF TOBACCO USE AFFECT NORM PERCEPTIONS: THE ROLES OF PERCEIVED AND DESIRED SIMILARITY
Leeann Nicole Siegel*

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**PP-110:** FACTORS MOTIVATING YOUNG ADULTS’ CONTINUED VERSUS REDUCED USE OF FLAVORED E-CIGARETTES
Rebekah Wicke*, Allison Worsdale, Jiaying Liu

**PP-111:** NEURAL MARKERS OF CRITICAL THINKING AND VAPE FREQUENCY FOLLOWING ANTI-VAPE CAMPAIGN MESSAGE EXPOSURE IN YOUNG ADULT VAPERS
Jiaying Liu*, Joshua T. McMains, Jessica L. Fabbricatore, Erin C. Jones, Allison Worsdale, Rebekah S. Wicke, Lawrence H. Sweet

**PP-112:** INTERNALIZING AND EXTERNALIZING PROBLEMS ON THE AGE OF E-CIGARETTE INITIATION IN THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) USA YOUTH (2013-2017)
Meagan Bluestein*, Melissa Harrell, Baojiang Chen, Adriana Perez

**PP-113:** REAL-TIME EXPOSURE TO ANTI-TOBACCO MESSAGING AMONG A DIVERSE POPULATION OF YOUNG ADULTS
Jennifer Cantrell, Susan Westneat, Judy Van den Venne, Andrew Anesetti-Rothermel, Shanell Folger, Basmah Rahman, Charles Debnam, Kurt Ribisl, Amy Cohn, Shyanika Rose*

**PP-114:** CONNECTING ANTI-TOBACCO MESSAGES WITH AT-RISK LATINX YOUNG ADULTS
Jessica M. Rath*, Meera Ammu, Susanah Ramirez, Fernanda Alonso, Elizabeth Hair, Meghan Moran

**PP-115:** IDENTIFYING NOVEL MOTIVATION PHASE-SPECIFIC CESSION TARGETS FOR YOUTH EXPERIENCING HOMELESSNESS
Julianna Nemeth*, Allison Glasser, Joseph Macisco, Alice Hinton, Amy Wermert, Joanne Patterson, Ana Sucaldito, Carra Gilson, Hannah Kemble, Ellen Garbsch, Jacob Caponi

**PP-116:** A SURVIVAL ANALYSIS APPROACH TO UNDERSTANDING DIRECTIONALITY IN THE RELATIONSHIP BETWEEN CIGARETTE USE AND DEPRESSION DURING YOUNG ADULTHOOD
Jacob E. Thomas*, Keryn E. Pasch, Alexandra Loukas

**PP-117:** ESTIMATING OWN AND CROSS ELASTICITY OF CIGARETTE BY PRICE TIERS IN BANGLADESH
Shafiun Nahin Shimul*, A.K.M. Ghulam Hussain

**PP-118:** PERCEIVED PARENTAL KNOWLEDGE REDUCES RISK FOR INITIATION OF NICOTINE AND CANNABIS VAPE: A LONGITUDINAL STUDY OF ADOLESCENTS
Dale Mantey*, Andrew E. Springer, Stephanie Clendennen, Melissa Harrell

**PP-119:** ASSESSING THE IMPACT OF DIFFERENT PHARMACY TOBACCO RETAIL DISPLAYS ON SMOKERS’ AWARENESS AND PERCEPTIONS OF TOBACCO PRODUCTS AND SMOKING CESSION MEDICATIONS MOBILE EYETRACKING STUDY
Christopher Frye*, Kristie June, Richard O’Connor, Lisa Henriksen, Maansi Bansal-Travers
On-Demand Papers: Pre-Recorded Paper “Plus”

**PP-120:** FLAVORED TOBACCO AND ELECTRONIC NICOTINE PRODUCT USE AMONG ADULTS IN NEW YORK STATE FOLLOWING IMPLEMENTATION OF A STATEWIDE RESTRICTION ON FLAVORS
Maansi Bansal-Travers, Andrew Hyland, Brian Fix, Cheryl Rivard, Liane Schneller, Christopher Frye*, Destiny Diaz, Akshika Sharma, Richard O’Connor

**PP-121:** THE IMPACTS OF INCLUDING INFORMATION ABOUT THE NUMBER OF CARCINOGENS IN TOBACCO SMOKE ON STANDARDISED CIGARETTE PACKS IN THE UNITED KINGDOM
Crawford Moodie*, Catherine Best, Nathan Critchlow, Sara Hitchman, Martine Stead, Ann McNeill

**PP-122:** STRENGTHENING CONNECTIVITY: LEVERAGING GAME-PLAY AND SOCIAL NETWORKS TO PREVENT ADOLESCENT TOBACCO USE
Georges Khalil*, Dave McLean, Ross Shegog, Kayo Fujimoto, Alexander V. Prokhorov
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