PRE-CONFERENCE WORKSHOPS

All Pre-Conference Workshops are scheduled for Wednesday, February 20, 2019. They will be presented concurrently. Registration includes a morning coffee refreshment break. Attendees will be responsible for lunch on their own in San Francisco! Register for your choice of workshop on the SRNT Annual Meeting registration pdf form, or online.

Pre-Conference Workshop Registration Fees:

	Received on or before January 28, 2019	Received after January 28, 2019
Member: 1 half-day workshop	$105	$120
Non-Member: 1 half-day workshop	$120	$135
Student/Trainee Member: 1 half-day workshop	$60	$65
Student/Trainee Non-Member: 1 half-day workshop	$70	$75
LMIC Member	$0	$0

Pre-Conference Workshop #1 · Wednesday, February 20, 2019
8:30 a.m.-11:30 a.m.
Practical Considerations in Designing and Implementing Web Surveys for Rapid-Response Surveillance
Sponsoring Organization: Office on Smoking and Health, CDC

Intended Audience: Researchers, epidemiologists, graduate students, academics, and clinicians

Presenters: Mays Shamout, MD, MPH; Israel Agaku, DMD, MPH, PhD

Abstract: The rate at which the tobacco control landscape evolves makes it challenging for traditional surveillance systems to keep up with new products or patterns of behaviors. Web-based surveys are becoming increasingly popular because of their efficiency (cost and time). Web surveys may play an important role in tobacco control by providing a mechanism to surveil trending issues of public health importance in near real-time, for program and policy action. Their nimbleness can easily allow incorporation of certain features that may be more cumbersome in traditional survey modes, including such features as videos, pictures, and images. However, design errors (e.g., coverage, sampling, and response errors) can threaten the generalizability of web surveys. Indeed, while web surveys in general are becoming increasingly easier to perform with near universal Internet access, good web surveys in contrast are becoming increasingly harder to execute as measured by objective indexes such as response rate and coverage. Ensuring valid results requires a careful attention to sampling and non-sampling sources of bias. Using a case-study based approach, this workshop will address the following practice-oriented questions: "How do we sample or select survey participants in a representative manner?", "How do we send survey invitations in a manner that is efficient and mitigates bias?", and "How do we assess and enhance the external validity of collected data?"

By the end of this workshop, participants should be able to:
1. Understand what a sampling frame is and how to determine adequate sample sizes for web-based surveys.
2. Learn how to automatically send customized web surveys to a list of participants. Participants will be introduced to a few web survey programs for data collection.
3. Develop fundamental skills in assessing for non-response bias in collected data.
4. Acquire a basic understanding of approaches to correcting for non-response bias.

Pre-Conference Workshop #2 · Wednesday, February 20, 2019
8:30 a.m.-11:30 a.m.
An Insider's Guide to Conducting Tobacco Control Research and Interventions Among Sexual and Gender Minority Populations: Challenges Met and Unmet
Sponsoring Organization: SRNT Health Disparities Network

Intended Audience: This workshop is designed for a broad audience interested in tobacco control research and interventions among sexual and gender minority (SGM) populations, including trainees, new investigators and practitioners, and more experienced researchers and providers who have prior expertise in this field.

Presenters: Sarah Dermody, PhD, Oregon State University; Jaimee Heffner, PhD, Fred Hutchinson Cancer Research Center; Josephine T. Hinds, MS, University of Texas at Austin; Julia McQuoid, PhD, University of California, San Francisco; Karen Parker, PhD, MSW, National Institutes of Health; Amanda Quisenberry, PhD, Roswell Park Comprehensive Cancer Center; Andy SL Tan, PhD, Dana-Farber Cancer Institute and Harvard TH Chan School of Public Health; Erin Vogel, PhD, University of California, San Francisco

Background. Sexual and gender minority individuals have disproportionately higher rates of cigarette smoking and other forms of tobacco use compared with heterosexual, cisgender individuals. There is increasing research on the underlying determinants of smoking and smoking-related health disparities, as well as culturally tailored interventions to reduce smoking prevalence among SGM populations and subgroups. However, conducting tobacco control research and interventions among the SGM community is highly complex due to conceptual and methodological challenges and unique issues faced by SGM individuals.

Purpose. This interactive workshop will utilize real-world examples of ongoing research studies and interventions to illustrate and discuss the practical barriers, facilitators, and best practices in conducting rigorous research and implementing and scaling effective, evidence-based interventions to reduce tobacco-related health disparities among diverse SGM populations.

Learning Objectives:
1. Foster and sustain excitement in the area of tobacco control research and practice to understand, address, and reduce tobacco-related health disparities among SGM populations.
2. Increase knowledge of the complexity, challenges, and promising approaches to conducting tobacco control research and practice among SGM populations.
3. Facilitate networking among trainees, new and experienced researchers, and practitioners conducting SGM tobacco control research and interventions.

Workshop structure. The workshop will comprise presentations from speakers to highlight specific challenges and approaches in three thematic areas: understanding determinants of tobacco-related health disparities, the role of intersectionality across diverse identities on tobacco use behaviors, and conducting intervention research among SGM populations within the evolving social landscape. Each series of presentations will be followed by breakout group discussions to analyze practical barriers to conducting research in the three thematic areas and to discuss promising methods and approaches to overcome the challenges. Participants are invited to bring specific challenges faced in their own current work and strategies they utilized to overcome those challenges for discussion within the breakout sessions. Breakout session leaders will provide a synthesis of each group's discussion.

Expected outcomes. Through this workshop, participants will develop a greater appreciation and understanding of the "nuts and bolts" of conducting research and practice focusing on tobacco-related health disparities among SGM. They will also generate ideas for future directions to address challenges in this area of work.

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Pre-Conference Workshop #3 · Wednesday, February 20, 2019
8:30 a.m.-11:30 a.m.
Countering the JUUL Epidemic Among Youth: Regulatory and Educational Strategies
Sponsoring Organization: N/A

Intended Audience: Researchers, policy makers, educators, clinicians

Panelists:
Judith Prochaska, PhD, Moderator, Associate Professor of Medicine, Stanford Prevention Research Center

Neal Benowitz, MD, Professor of Medicine, University of California, San Francisco
Impact of high nicotine vapor products

Bonnie Halpern-Felsher, PhD, Professor, Stanford University Department of Pediatrics
Educational strategies for preventing JUUL and other pod-based e-cigarettes among youth

Nora Flum, JD, California Attorney General's office
State and local regulatory issues

Pamela Ling, MD, Professor of Medicine, University of California, San Francisco
Observations on JUUL use patterns and perceptions among a cohort of young adults

Divya Ramamurthi, MA, Research Associate, Stanford University
Research into the impact of tobacco advertising and the marketing of JUUL and other pod devices

Abstract: JUUL's phenomenal growth threatens to reverse many of the gains in reducing nicotine addiction among youth that have been realized in recent years. In this workshop, our principal goal is to discuss how the influence of JUUL and other vape product manufacturers can be mitigated.

In the first half of this workshop, we will set the framework to better understand the impact of JUUL advertising efforts on youth populations. We will begin by exploring the genesis of JUUL's meteoric rise in popularity among US school-age youth. The role of the product's design and the company's marketing efforts, notably social media marketing, in driving youth adoption will be explored. Knowledge, attitudes, and use patterns of JUUL and other similar pod-based systems among youth and young adults will be presented. The chemistry of nicotine salts and its role in improving the palatability of highly concentrated nicotine vapor products and contributing to a growing nicotine arms race will be explained. Local, state, and federal regulatory actions related to this topic, such as prohibition of flavored e-liquids, limiting nicotine levels, strengthening of age verification by vendors, etc., will be presented.

In the second half of the session, our focus will be to identify principles and mechanisms that could be used to effectively counter the spread of nicotine addiction via both direct (i.e., the products themselves) and indirect (e.g., via advertisements in social media). Time will be reserved for an interactive session on some of the best practices for middle and high schools to deal with the growing use of stealthy e-cigarette devices within their premises. The presenters will also come together to respond to audience questions and moderate a discussion.

Pre-Conference Workshop #4 · Wednesday, February 20, 2019
8:30 a.m.-11:30 a.m.
Understanding Tobacco Use Trends: Leveraging Harmonized Data from the US Tobacco Use Supplement – Current Population Survey, 1992-2015
Sponsoring Organization: National Cancer Institute, DCCPS, Tobacco Control Research Branch

Intended Audience: Investigators interested in studying long-term patterns of tobacco use, health disparities, and evaluating tobacco control programs at the national, state, and local level.

Presenters: Carolyn Reyes-Guzman, PhD, MPH; Neal Freedman, PhD, MPH; Maki Inoue-Choi, PhD, MS; Kelvin Choi, PhD, MPH; Todd Gibson, BS; Gordon Willis, PhD; Anne M. Hartman, MS, MA

Background: The Tobacco Use Supplement to the Current Population Survey (TUS-CPS), sponsored by the National Cancer Institute and the Food and Drug Administration, is a national survey for research, evaluation, and surveillance that has been administered approximately every 3-4 years since 1992-93 in the United States. Because of its large, nationally representative sample, the TUS-CPS is a key source of national, state, and even local-level data on cigarette and other tobacco use, policy, social norms, and tobacco control information for US households. A unique feature of the survey is the opportunity to link to other datasets including detailed labor force, occupational, economic, and health insurance data, as well as mortality data from the National Death Index. The TUS-CPS provides a rich resource that can be used to monitor tobacco control progress over time; conduct tobacco-related research including tobacco health disparities research; and evaluate tobacco control programs.

The TUS is uniquely suited for tracking trends over time. Recently, data from all currently available waves (1992-2015) were harmonized into a single dataset. Harmonized topics include cigarette use, including usage patterns, smoking history, and cessation; workplace and home smoking restrictions; attitudes toward smoke-free policies; advice by physician/dentist; health perceptions/beliefs; and other tobacco product use including cigars, pipes, smokeless tobacco, and e-cigarettes. The new harmonized dataset will be publicly released to coincide with the 2019 SRNT meeting.

Purpose: The purpose of the proposed session is to highlight and disseminate the newly released harmonized TUS-CPS data. The session will also provide background information on the TUS-CPS and its potential linkages to other supplements and datasets. Presenters will discuss the harmonization process, including decisions made and how variables were coded. Presenters will walk participants through the process of accessing and analyzing the data. Examples of the types of projects that can be conducted using the harmonized dataset will also be provided. To close, the session will focus on the unique opportunities for analyses that are now provided by the TUS-CPS harmonization effort. We believe that the harmonization effort will facilitate research projects that provide important insights into US tobacco-related trends at a national, region, state, and local level. Attendees participating in the hands-on component (SAS preferred) are advised to bring a laptop.

Presenting Authors:
- Overview and Background: Carolyn Reyes-Guzman, PhD, MPH (NIH, NCI, DCCPS) and Gordon Willis, PhD (NIH, NCI, DCCPS)
- Recent Findings and Example Analyses: Carolyn Reyes-Guzman, Neal Freedman, PhD, MPH (NIH, NCI, DCEG), Maki Inoue-Choi, PhD, MS (NIH, NCI, DCEG), Kelvin Choi, PhD, MPH (NIH, NIMHD)
- How to Use the Harmonized Data: Todd Gibson, BS (IMS, Inc.)
- Use of the TUS-CPS for Small Area Estimation and Other Unique Opportunities: Gordon Willis, Anne M. Hartman, MS, MA (NIH, NCI, DCCPS).
- Questions/Discussion

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Pre-Conference Workshop #5 · Wednesday, February 20, 2019
8:30 a.m.-11:30 a.m.
Authorship and Grantmanship for Early Career Investigators in Tobacco and Nicotine Research
Sponsoring Organization: SRNT Trainee Network

Intended Audience: This workshop is designed for early career investigators and tobacco researchers interested in learning more about addressing challenges in publishing their manuscripts in high impact journals and applying for NIH Training Grants (T), Career Development (K), and Fellowship (F) mechanisms. Thus, graduate students, postdoctoral fellows, junior faculty, or those seeking to transition careers will greatly benefit from participating in this workshop.

Presenters:
Ruth Malone, PhD
University of California, San Francisco, Editor-in-Chief for Tobacco Control

Scott Leischow, PhD
Arizona State University, Editor-in-Chief for Tobacco Regulatory Science

Raymond Niaura, PhD
New York University, Deputy Editor for Nicotine and Tobacco Research

Mary Kautz, PhD
Chief (Acting), Behavioral and Cognitive Neuroscience Branch, National Institute on Drug Abuse

Michele Bloch, PhD
Chief, Tobacco Control Research Branch, National Cancer Institute

Lisa Postow, PhD
Program Officer, National Heart Lung, and Blood Institute

Dana van Bemmel, PhD
Assistant Deputy Director for Research, Office of Science, Center for Tobacco Products, U.S. Food and Drug Administration

Learning Objectives: This preconference workshop will include two sets of presentations that will reflect on the similarities/differences in best practices for publishing manuscripts and grantsmanship. The presenters will also highlight successful strategies common to responding to reviewers' comments in both endeavors. The first three presentations will be delivered by three journal editors (Tobacco Control, Tobacco Regulatory Science, and Nicotine and Tobacco Research) and will cover a variety of topics relevant to publishing manuscripts, including negotiating authorship roles, matching the focus of the article to the intended journal, and responding to reviewers' comments in a comprehensive manner. The following four presentations will be delivered by NIH/FDA representatives, these presentations will focus on grantsmanship issues relating to writing a compelling (T, K, and F) grant, the review process at NIH, and best practices in responding to reviewers' comments and the resubmission process. A special emphasis will be placed on research areas relevant to the current NIH/FDA strategic plan. At the conclusion of the workshop, the presenters will come together as a panel for a moderated discussion and open question and answer session to engage all attendees in this workshop.

Pre-Conference Workshop #6 · Wednesday, February 20, 2019
8:30 a.m.-11:30 a.m.
Recruiting and Retaining Adolescents in Tobacco Control Research: Challenges and Opportunities
Sponsoring Organization: SRNT Adolescent Network

Intended Audience: Tobacco control researchers, adolescent and young adult researchers, early- and mid-career investigators

Presenters: see below

Abstract: This preconference workshop will focus on providing practical information about how to collect data with adolescents. Speakers will review available sources for adolescent samples, including opt-in panels, nationally representative panels, publicly available data and trade-offs associated with each (cost, validity, appropriate use of data). Speakers will also cover approaches for recruiting new samples of adolescents, including address-based sampling and social media-based recruitment. Best practices for recruitment and retention will also be discussed. Finally, speakers will raise ethical issues often faced when conducting adolescent research and provide guidance on best practices. Speakers will highlight common issues encountered during grant review and provide guidance for how to address such issues in grant applications. Panel discussions will be structured to maximize opportunities for audience engagement. The intent of the workshop is to provide practical information for researchers who conduct adolescent-focused research.

Presentations:

SECTION 1: BEST PRACTICES FOR RECRUITMENT AND RETENTION OF YOUTH IN TOBACCO RESEARCH

Address Based Sampling Approaches
Elizabeth Hair, PhD and Morgane Bennett, DrPH(c), MPH
Schroeder Institute at Truth Initiative

Digital and Social Media Approaches
Johannes Thrul, PhD
Johns Hopkins Bloomberg School of Public Health

Discussion and Questions for Panel Members
Panel: Elizabeth Hair, PhD, MA, and Morgane Bennett, Schroeder Institute at Truth Initiative; Johannes Thrul, PhD, Johns Hopkins Bloomberg School of Public Health; Erin Sutfin, PhD, Wake Forest School of Medicine

SECTION 2: ETHICAL ISSUES AND LEGAL CONSIDERATIONS

Ethics of Conducting Tobacco Research with Youth
Suchitra Krishnan-Sarin, PhD
Yale University

Testing Investigational Tobacco Products in Youth: Legal and Ethical Considerations
Rachel Cassidy, PhD
Brown University

Discussion and Questions for Panel Members
Panel: Suchitra Krishnan-Sarin, PhD, Yale University; Rachel Cassidy, PhD, Brown University; Kathleen Diviak, PhD, University of Illinois at Chicago

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Pre-Conference Workshop #7 · Wednesday, February 20, 2019
8:30 a.m.-11:30 a.m.
An Update to the Basics: Current Approaches for Measuring and Understanding Key Individual Differences and Cessation Outcomes
Sponsoring Organization: SRNT Treatment Research Network

Intended Audience: Tobacco treatment researchers, treatment providers

Presenters:
Andrea Weinberger, PhD
Yeshiva University
Albert Einstein College of Medicine

Monica Webb Hooper, PhD
Case Western Reserve University

Marc Steinberg, PhD
Rutgers Robert Wood Johnson Medical School

Megan Piper, PhD
University of Wisconsin

Anne Joseph, MD, MPH
University of Minnesota

Neal Benowitz, MD
University of California, San Francisco

Timothy Baker, PhD
University of Wisconsin

Abstract: To improve the value and generalizability of treatment research findings, the reach of smoking cessation treatment, and our ability to tailor treatment effectively, a shared understanding of the importance and measurement of individual characteristics and a clear definition of cessation success are critical. Without common language and metrics, it is impossible to draw clear conclusions across different studies or know how such research should be translated into clinical practice. During this preconference workshop, speakers with extensive experience in both clinical practice and research will guide attendees through the latest developments in the measurement of individual differences and their relations with cessation and the latest recommendations for measuring cessation and biochemical verification of cessation.

Dr. Andrea Weinberger will discuss the latest developments in assessing gender and related constructs (i.e., gender identity, sexual orientation), research on gender and sexual orientation differences in abstinence outcomes, and implications for treatment research and clinical practice. Dr. Monica Webb Hooper will discuss the importance and assessment of race, ethnicity, and socio-economic background, with an emphasis on cessation disparities and culturally specific interventions. Dr. Marc Steinberg will address the importance and implications of mental health status, how to assess it in practice and research, and the interactions between smoking, cessation, and mental health. Dr. Megan Piper and Dr. Anne Joseph will guide the group through updates on the definition and measurement of abstinence in smoking cessation treatment, including how to treat the use of non-cigarette tobacco and other nicotine-containing products. Dr. Neal Benowitz will provide the latest evidence on bioverification of abstinence. The workshop will conclude with a group discussion of these advances and their impact on tobacco dependence treatment research and practice, facilitated by Dr. Tim Baker, Professor of Medicine and past winner of the SRNT Ove Ferno clinical research award.

Pre-Conference Workshop #8 · Wednesday, February 20, 2019
8:30 a.m.-11:30 a.m.
Implementing Precision Medicine in Smoking Cessation: Patients, Providers, Policy, and More
Sponsoring Organization: SRNT Genetics and Omics Network

Intended Audience: Researchers and clinicians interested in tobacco treatment, biomarkers, and precision medicine

Moderators/Panelists: Wilson Compton, MD, MPE; National Institute of Drug Abuse; Jennifer McClure, PhD, Kaiser Permanente; Andrew Bergen, PhD, BioRealm and Oregon Research Institute; Priscilla Callahan-Lyon, MD, U.S. Food and Drug Administration

Speakers: Rachel Huddart, PhD, Stanford University/PharmGKB/CPIC; Sean David, MD, SM, D. Phil, Stanford University; Hilary Tindle, MD, MPH, Vanderbilt University; Jaakko Kaprio, MD, PhD, University of Helsinki; Laura Bierut, MD, Washington University; Li-Shiun Chen, MD, MPH, ScD, Washington University; James Ashenhurst, PhD, 23andMe

Abstract: In an era of Precision Medicine it is vital to personalize treatment by use of personal data including biological data. The limited efficacy of "one-size-fits-all" pharmacotherapies for smoking cessation necessitates development of predictive biomarkers that might better match the right drug for the right patient at the right time and duration – and thereby enhance therapeutic efficacy. However, many challenges remain to translate these discoveries into evidence-based practice guidelines. These challenges include evidence gaps for clinically significant biomarkers, pharmacogenetics evidence adjudication, provider and patient acceptance of marker-guided care, implementation challenges, clinical usability of polygenic risk scores, and impact of personal genetic testing, ultimately leading to clinical utility of using omics-based biomarkers to select pharmacotherapy for smoking cessation.

The workshop includes: A) What is the evidence? We will describe how evidence base is examined before clinical translation and provide an update on the evidence of pharmacogenetic tobacco treatment research, biomarker development, and meta-analysis (Drs. Huddart and David). B) Are patients and providers ready? We will present evidence synthesis regarding provider and patient readiness, acceptability for marker-guided precision care in different settings (Drs. Tindle, Kaprio, and Bierut). C) How do we get there? We will preview research in potential use of genetic data , polygenic scores, and consumer genomics in clinical care and public health (Drs. Chen and Ashenhurst). D) Finally, this workshop will conclude with an expert panel made up of multiple stakeholders from NIH, large healthcare system, small business innovation research to discuss the challenges to advancing translation into clinical practice of "precision medicine" approaches for tobacco treatment. Led by panelist (Drs. Compton, McClure, Bergen, and Callahan-Lyon), the panel will address: 1) how to conduct impactful research, 2) what works in the real healthcare system, and 3) translating research to practice.

This workshop aims to synthesize complementary research topics to inform evidence-based tobacco treatment guidelines and to set a vision for clinical implementation science within real-world healthcare systems.