

# MATTHEW JOHN CARPENTER

## CURRICULUM VITAE

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### ACADEMIC APPOINTMENTS

9/2006 – 7/2010 Assistant Professor  
Department of Psychiatry and Behavioral Sciences,  
Medical University of South Carolina (MUSC)

10/2008 – 7/2010 Assistant Professor  
Dept. of Biostatistics, Bioinformatics, and Epidemiology, MUSC  
(renamed Dept of Public Health Sciences 1/2013)

7/2010 – 12/2015 Associate Professor  
Depts. of Psychiatry & Behavioral Sciences, and Public Health Sciences, MUSC

1/2016 – present Professor, w/ Tenure  
Depts. of Psychiatry & Behavioral Sciences, and Public Health Sciences, MUSC

### RELATED ACADEMIC ROLES

9/2006 – present Member, Hollings Cancer Center, Cancer Control Program  
9/2010 – present Full Member, College of Graduate Studies, MUSC  
1/2011 – present Co-Director, Tobacco Research Program, Hollings Cancer Center  
1/2018 – present Co-Leader, Cancer Control Program, Hollings Cancer Center

### EDUCATION

Undergraduate: James Madison University  
Harrisonburg, VA  
Degree: BS Psychology: 1993

Graduate: Loyola College  
Baltimore, MD  
Degree: MA Clinical Psychology: 1998  
Thesis: *Determinants of Multiple Detoxification: The Revolving Door* (M. Sherman,  
Ph.D., Advisor)

University of Vermont  
Burlington, VT  
Degree: PhD: Clinical Psychology: 2003

Dissertation: *Targeting Unmotivated Smokers: Effects of Smoking Reduction on Future Cessation* (J. Hughes, M.D., Advisor)

Internship: Medical University of South Carolina Charleston, SC  
Degree: Psychology Intern: 2003  
Training Emphasis: Behavioral Medicine

Postdoctoral: NIDA Postdoctoral Fellow (2004-06)  
Department of Psychiatry, Division of Clinical Neuroscience  
Medical University of South Carolina, Charleston, SC  
Training Emphasis: Human Lab Studies of Addiction

### **ADDITIONAL TRAINING & WORKSHOPS**

- 4/2003 NIH Grantsmanship Seminar – Medical University of South Carolina  
Ron Geller, PhD - Former Deputy Director for Extramural  
Research in the Office of the Director at NIH
- 9/2003-10/2003 Responsible Conduct of Research (6wk course) - Foundations of ethical decision making,  
and aspects of conducting research, reporting research, peer review, handling research  
data, mentoring, research misconduct, conflicts of interest, and the use of human and  
animal subjects in research
- 7/2004 NCI Advanced Training Institute in Health Behavior Theory -- 8-Day Training Workshop  
Designed to train researchers toward explanation and prevention of health and  
screening behaviors
- 4/2006 Media Training – Day long workshop with Timothy Cage, media trainer
- 8/2008 – 12/2008 Career Development coursework: Foundations in Epidemiology I  
Department of Biometry, Biostatistics, and Epidemiology, MUSC
- 3/2009 Analysis of Qualitative Data: NVivo 8 Special Training (Winston Salem, NC)
- 11/2010 How to Supervise People (Fred Pryor Seminar)

### **PROFESSIONAL MEMBERSHIPS**

- 1999 – present Society for Research on Nicotine and Tobacco  
2001 – 2011 American Psychological Association (Division 38: Health Psychology)  
2005 – 2012 South Carolina Cancer Alliance  
2006 – present Society for Behavioral Medicine

### **LICENSURE**

South Carolina State Licensure – Clinical Psychology (# 962)

### **AWARDS**

- 1997 - 1998 National Institute on Drug Abuse Pre-doctoral Fellowship  
1998 National Institute on Drug Abuse Director's Travel Award  
2002 - 2003 Outstanding Didactic Teaching in Senior Psychiatry Clerkship by a Trainee; Dept. of  
Psychiatry & Behavioral Sciences, MUSC  
2003 - 2005 NIH Clinical Research Loan Repayment Program  
2004 NCI Advanced Training Institute in Health Behavior Theory (Competitive Application)  
2004, 2005 Circle of Excellence - Teaching in Senior Psychiatry Clerkship (MUSC) by a Resident  
2004 - 2006 National Institute on Drug Abuse Postdoctoral Fellowship

2005 - 2006 NIH Clinical Research Loan Repayment Program (Renewal)  
 2006 NIDA Early Career Investigator Award  
 2007- 2008 NIH Clinical Research Loan Repayment Program (Renewal)  
 2009 Developing Scholar Award: Medical University of South Carolina  
 2009 - 2010 NIH Clinical Research Loan Repayment Program (Renewal)  
 2011 Society for Research on Nicotine and Tobacco (SRNT) New Investigator Award  
 2015 South Carolina Governor's Young Scientist Award for Excellence in Scientific Research  
 Non-Refereed Publication: **Carpenter, MJ** (2016). Novel strategies to Promote Smoking Cessation. *Journal of the South Carolina Academy of Sciences*;14: 1-6.

### **NATIONAL LEADERSHIP & COMMITTEE WORK**

2/2016 – 7/2017 NIDA Clinical Trials Network (CTN), Steering Committee Co-Chair  
 8/2020 – present NIH/Center for Scientific Review: Simplifying Clinical Trial Criteria Working Group  
 03/2021 Center for Scientific Review Advisory Council, Ad Hoc Member  
 1/2022 – 12/2024 Center for Scientific Review Advisory Council, Standing Member

### **GRANT EXPERIENCE**

The following sections are separated as follows, each generally ordered with most recent grants on top:

- I.a ACTIVE GRANTS – Principal Investigator*
- I.b ACTIVE TRAINING GRANTS – Primary Mentor*
- I.c ACTIVE TRAINING GRANTS – Secondary Mentor*
- I.d ACTIVE GRANTS – co-Investigator*
- II.a CONCLUDED GRANTS – Principal Investigator*
- II.b CONCLUDED TRAINING GRANTS – Primary Mentor*
- II.c CONCLUDED TRAINING GRANTS – Secondary Mentor*
- II.d CONCLUDED GRANTS – co-Investigator*
- III.a PENDING GRANTS (PI ONLY)*

### **I.a ACTIVE GRANTS – Principal Investigator      \$ TOTAL DIRECT COSTS NOTED FOR GRANTS AS PI ONLY**

R01 CA246729 (Carpenter)      07/08/2020 – 06/30/2025  
 NIH/NCI      \$1,724,777 (Direct)

*A Translational Randomized Clinical Trial of Varenicline Sampling to Promote Smoking Cessation and Scalable Treatment Dissemination*

Several prior studies have shown the potential value of medication sampling to promote population-wide smoking cessation engagement. Whether these same benefits apply to varenicline, arguably the best single-agent cessation medication, is unclear. This randomized clinical trial will offer a test of varenicline sampling as a method to engage all smokers in the quitting process. Ultimately, the population impact of medication/varenicline sampling could be profound, offering a significant and measurable opportunity to lessen the impact of tobacco on public health.

Role: Principle Investigator

R01 CA210625 (Carpenter)      08/01/2017 – 07/31/2022  
 NIH/NCI      \$1,838,040 (Direct)

*A naturalistic nationwide randomized study of e-cigarette uptake and consequences*

Electronic (e-)cigarettes are the fastest growing non-cigarette product available to smokers, yet the science base to understand these products has not kept pace. This will be among the first prospective, large scale randomized studies of e-cigarette use in the U.S., with aims to examine the naturalistic course of uptake and consequence of e-cigarette use.

**I.b ACTIVE TRAINING GRANTS – Primary Mentor**T32 HL144470 (Schnapp) 07/01/2019-06/30/2024

NIH/NHLBI

*Pulmonary Focused Foundations in Innovation and Scholarship (PuFFInS)*

There is an urgent, unmet public health need to improve outcomes for chronic lung diseases, which disproportionately impacts the Southeast. This program will provide research training for investigators who will ultimately improve the healthcare and outcomes for individuals with lung diseases with particular emphasis on lung cancer prevention, screening and implementation, critical care, and rare lung diseases, including pulmonary fibrosis, sarcoidosis and cystic fibrosis. Training in innovation and entrepreneurship will enable investigators to create innovative solutions to challenges in health, to catalyze interdisciplinary entrepreneurial efforts, and ultimately become change agents to address national and global health problems.

Role: Mentor; Pathway Liaison for Tobacco Research

K01 DA047433 (Smith) 01/15/2019 – 12/31/2023

NIH/NIDA

*Impact of e-cigarette characteristics on reinforcement and tobacco use patterns among current smokers*

The proposed project will test the impact of two key e-cigarette and e-liquid characteristics on reinforcement value and use in current cigarette smokers. These data will provide information about the factors that contribute to changes in tobacco use patterns among smokers who try e-cigarettes, and could inform the FDA or other regulatory agencies about how they might regulate key characteristics to influence tobacco use patterns and ultimately public health.

Role: Primary Mentor

K23 DA045766 (Dahne) 04/01/2018 – 3/31/2023

NIH/NIDA

*Development and testing of a depression-specific behavioral activation mobile app paired with nicotine replacement therapy sampling for smoking cessation treatment via primary care.*

This project will develop, systematically evaluate, and clinically test an integrated cessation intervention comprised of a depression-specific Behavioral Activation (BA) for cessation smartphone mobile application (Goal2Quit) and nicotine replacement therapy (NRT) sampling (i.e., provision of a two-week combination NRT starter kit) that will meet the unmet need for an easily disseminable, evidence-based, depression-specific cessation intervention for delivery via primary care.

Role: Primary Mentor

IDEA Award (Smith) 07/01/2019-06/30/2021

Hollings Cancer Center

*Comparison of leading e-cigarette product types on reinforcement value and tobacco use patterns among current smokers*

The goal of this project is to test how the two newest types of ENDS products (customizable tanks, pods) impact the reinforcement value and use of combustible cigarettes.

Role: Primary Mentor

K23 DA041616 (Heckman) 02/01/2017 – 1/31/2022

NIH/NIDA

*Personalized smoking relapse prevention delivered in real-time via just in time adaptive interventions*

In an effort to reduce relapse risk the proposed studies will evaluate a personalized intervention that will deliver evidence-based treatment in real-time through mobile phones to meet the dynamic needs of patients engaged in a quit attempt. Given the high rates of mobile phone ownership, this intervention has great promise for increasing access to smoking cessation/relapse prevention services, thereby benefiting public health.

Role: Primary Mentor

**I.c ACTIVE TRAINING GRANTS – Secondary Mentor**

F31DA052158 (Sisson) 06/23/2020 – 06/22/2022

*Increasing Naloxone Access for Persons who use Opioids: An Online Recruitment and Training Approach to Opioid Overdose Education and Naloxone Distribution*

The main purpose of the dissertation project (N=80) is to examine the feasibility and acceptability of a novel approach to Opioid Overdose Education and Naloxone Distribution (OEND) that utilizes online recruitment, online opioid overdose education, and remote distribution of naloxone kits.

Role: Secondary Mentor

K07CA214839 (Rojewski) 09/18/2017 – 08/31/2022

*Tobacco Treatment in the Context of Lung Cancer Screening*

The proposed study will test dual NRT and a gain-framed text messaging intervention specifically designed for lung cancer screening patients. The intervention has the potential to increase the rates of smoking cessation among lung cancer screening patients and may be translatable to the growing number of lung cancer screening programs across the country.

Role: Secondary Mentor

**I.d ACTIVE GRANTS – co-Investigator**

UG3 DA048507 (Li) 5/15/2021 – 4/30/2023

NIH/NIDA

*rTMS Manipulates Imbalance Drive-Reward and Executive Control Circuitry for Smoking Cessation*

Repetitive transcranial magnetic stimulation (rTMS) is a non-invasive form of brain stimulation that has already displayed remarkable potential for producing novel, non-pharmacological interventions for neuropsychiatric disorders. Here we will develop a brain circuit-based precision rTMS therapy for smoking cessation.

Role: Co-Investigator

UG3 DE029973 (Japuntich) 8/1/2020 – 7/30/2022

NIH/NIDCR

*Effectiveness of Nicotine Replacement Therapy Sampling in Dental Practices*

Based on findings from previous trials, this cluster randomized, hybrid type 1 implementation-effectiveness trial will test whether combining brief advice with nicotine replacement therapy (NRT) sampling, which refers to providing patients who smoke with free samples of over-the-counter nicotine patches and nicotine lozenges, during a routine dentist visit increases rates of abstinence, quit attempts, and use of NRT. The results of the proposed research have potential for important clinical and policy significance with regard to reducing tobacco-related morbidity and mortality.

Role: Co-Investigator

R41 DA053856 (Dahne) 5/01/2021 – 4/30/2022

NIH/NIDA

*Development and Evaluation of a Brief Behavioral Activation Mobile Application for Nicotine Vaping Cessation Among Adolescent Primary Care Patients*

Directly aligned with the NIDA STTR program, the goal of this high risk-high reward Stage 1 treatment study is to develop, systematically refine, and preliminarily evaluate a depression-specific Brief Behavioral Activation for adolescent vaping cessation mobile app (“Goal2QuitVaping”)

Role: Co-Investigator

UG1 DA013727 (Brady, Barth, co-PIs) 6/1/2020– 2/28/2025

NIH/NIDA

*Southern Consortium Node of the Clinical Trials Network*

The Clinical Trials Network (CTN) is a cooperative agreement between NIDA, treatment providers, and researchers throughout the nation in which science is being utilized as a vehicle to improve the treatment of addictions. It is the goal of the Southern Consortium Node to work collaboratively with NIDA, the NIDA contracted

coordinating and data centers, and other CTN Nodes in conducting and directing multi-site clinical trials and dissemination efforts.

Role: Co-Investigator

R42 MH108219 (Dahne)

03/01/2020-02/28/2023

NIH/NIMH

*Development and Testing of a Behavioral Activation Mobile Therapy for Elevated Depressive Symptoms*

Following up on a successfully completed Phase I STTR, the Aims of this Phase II STTR are to: 1) Refine Moodivate and develop the EHR provider portal, 2) Via a three-arm randomized controlled trial (N=600), examine the efficacy of Moodivate vs. Moodivate + EHR integration vs. treatment as usual for the treatment of depressive symptoms within primary care, and 3) Conduct a cost-effectiveness analysis to quantify the financial benefits of Moodivate and Moodivate + EHR implementation within primary care.

Role: Co-Investigator

R37 CA237245 (McClure)

07/01/2019-06/30/2024

NIH/NCI

*Determining the Impact of Cannabis Use and Severity on Tobacco Cessation Outcomes: A Prospective Tobacco Treatment Trial*

This 5-year MERIT grant (R01 equivalent, with 2 additional years of funding possible) from the National Cancer Institute will evaluate the impact of cannabis co-use on tobacco treatment among adults and assess changes in cannabis use during treatment.

Role: Co-Investigator

R01 CA207229 (Toll)

09/08/2016 – 08/31/2021

NIH/NCI

*Gain-Framed Messages and NRT Sampling to Promote Smoking Cessation in Lung Cancer Screening Programs*

Most smokers presenting for screening have variable motivation to quit. This RCT examines the isolated and combined effects of two novel interventions in the context of lung cancer screening, offering potential to improve cessation rates for this high-risk group of smokers.

Role: Co-Investigator

P30 CA138313 DuBois (PI)

01/01/2018 - 03/31/2024

NIH/NCI

*Medical University of South Carolina - Cancer Center Support Grant*

The purpose of this grant is to support the ongoing research infrastructure, research programs, shared resources, developmental funds and administration of the Hollings Cancer Center at the Medical University of South Carolina in order to ensure the development of more effective approaches to cancer control, diagnosis, and therapy.

Role: Co-Leader, Cancer Control Program

1R01 DA042114-01 (Gray)

03/15/2017 – 01/31/2022

NIH/NIDA

*N-Acetylcysteine and Contingency Management for Youth Cannabis Use Disorder*

The purpose of this project is to examine the efficacy of N-acetylcysteine for adolescent cannabis cessation.

Role: Co-Investigator

R01 DA043587 (Saladin)

08/01/2018 - 07/31/2022

NIH/NIDA

*Targeting Foundational Memory Processes in Nicotine Addiction: A Translational Clinical Neuroscience Study of a Retrieval-Extinction Intervention to Reduce Craving & Smoking Behavior*

This study examines the treatment potential of a novel behavioral therapy that targets memories subserving cigarette smoking behavior. A key element of this study is the use of fMRI methods to identify the neural circuitry associated with (a) the acute effects of the treatment, and (b) treatment outcomes.

Role: Co-Investigator

5U66RH31458-02-00 (Ford) 09/30/2018 - 09/29/2021  
HRSA

*Telehealth Center of Excellence*

As a National Telehealth Center of Excellence (COE) the proposed aim is to leverage the unique qualities intrinsic to our academic medical center and extend our mission nationally to “Accelerate the dissemination of best practices to achieve effective and efficient care”.

Role: Co-Investigator

R21 CA241842 (Dahne) 01/01/2020-12/31/2021  
NIH/NCI

*Remote Methods to Biochemically Verify Smoking Status*

We will develop a remote CO data capture system through which a smartphone-enabled CO monitor (iCO™ Smokerlyzer) is integrated with REDCap. Subsequently, we will conduct a remote feasibility trial with smokers (N=127) to examine: a) validity of the remote iCO™/REDCap data capture system as compared to gold-standard methods for biochemical verification of smoking and b) compliance with remote CO monitoring via the iCO™/REDCap system as applied both to episodic (i.e., once per week) and granular (i.e., once per day) data collection.

Role: Co-Investigator

**II.a CONCLUDED GRANTS – Principal Investigator \$TOTAL DIRECT COSTS NOTED FOR GRANTS AS PI ONLY**

2R01DA021619-05 (Carpenter) 09/15/2013 – 05/31/2020 (renewal; NCE)  
NIH/NIDA \$2,129,776 (Direct)

*Brief, Novel Smoking Cessation in Primary Care: A Comparative Effectiveness Trial*

This comparative effectiveness trial will test whether NRT sampling, i.e., provision of starter-kits of nicotine replacement therapy, when combined with standard physician advice to quit, results in significant improvements in smoking-related outcomes (abstinence, quit attempts, use of additional quit resources) as compared to quit advice alone.

UG1 DA013727 (Brady, Carpenter, co-PIs) 05/30/2016– 06/01/2020  
NIH/NIDA 2,500,000 (Direct)

*Southern Consortium Node of the Clinical Trials Network*

The Clinical Trials Network (CTN) is a cooperative agreement between NIDA, treatment providers, and researchers throughout the nation in which science is being utilized as a vehicle to improve the treatment of addictions. It is the goal of the Southern Consortium Node to work collaboratively with NIDA, the NIDA contracted coordinating and data centers, and other CTN Nodes in conducting and directing multi-site clinical trials and dissemination efforts.

Note: Dr. Carpenter held co-PI role on CTN between 2016-2020, after which (06/2020→) he held co-I role.

[no number] (Carpenter) 5/1/2018 – 3/31/2020  
MUSC Hollings Cancer Center \$300,000 (Direct)

*Translational Science to Innovate Smoking Cessation Interventions through Enhancement of Self-Regulation*

This intramural Team Science Award includes three sub-projects that collectively focus on novel methods to address to intervene upon behavioral, emotional, and cognitive dysregulation among adult smokers. Our long-term vision is to capitalize on our translational strengths, encompassing a full methodologic and inter-disciplinary spectrum and pursue NIH program project funding.

R41MH108219 (Felton) 09/01/2015 – 08/31/2017 (NCE through 2018)  
NIH/NIMH \$39,124 (Direct, Sub-Award only)

*Development and Testing of a Behavioral Activation Mobile Therapy for Elevated Depressive Symptoms*

The purpose of the proposed project is to customize Behavioral activation (BA), a straightforward, empirically supported treatment for elevated depressive symptoms, for a mobile format (Behavioral Apptivation) in order to

address the currently unmet needs of primary care providers and their patients with elevated depressive symptoms.

Role: Principle Investigator of sub-award from Univ. of Maryland

R41MH010491 (Carpenter) 09/01/2016 – 08/31/2017 (NCE through 2018)  
NIH/NIMHHD \$89,884 (Direct)

*Development of a Behavioral Activation Mobile App for Depressed Latinos*

The purpose of the proposed project is to develop, test, and refine a Spanish-language mobile application version of brief Behavioral Activation, an idiographic, straightforward, empirically supported treatment for elevated depressive symptoms, for referral by primary care physicians in the service of increasing access to evidence-based treatment for depression for Latinos.

R01CA154992-01 (Carpenter) 04/01/2011 – 03/31/2017 (no cost ext.)  
NIH/ NCI \$1,704,458 (Direct)

*A Novel Trial of Smokeless Tobacco for Cessation Induction in Unmotivated Smokers*

Using a large, long-term, randomized clinical trial, this study examines the impact of using an oral, smokeless, reduced exposure tobacco product among smokers unmotivated to quit, with a specific focus on subsequent quit attempts and related smoking and cessation behavior.

R21DA037407 (Carpenter) 08/01/2014 – 07/31/2017 (no cost ext.)  
NIH/NIDA \$272,098 (Direct)

*A Randomized Trial of E-Cigarettes: Natural Uptake, Patterns, and Impact of Use*

Electronic (e-)cigarettes are the fastest growing non-cigarette product available to smokers, yet the science base to understand these products has not kept pace. This pilot randomized clinical trial will provide important information for regulatory authorities regarding how and why smokers initiate e-cigarette use, and how such use affects smoking behavior.

1R01DA021619-01 (Carpenter) 09/30/2007 – 05/31/2011  
NIH/ NIDA \$890,722 (Direct)

*A Novel Treatment to Boost Quit Attempts and Cessation Among Unmotivated Smokers*

The primary specific aim this large RCT is to test whether adding free nicotine replacement therapy (NRT) to brief advice to undertake a practice quit attempt will motivate more smokers to make a serious attempt to stop smoking than a brief advice without NRT.

1K23DA020482-01A1 (Carpenter) 09/30/2007 – 08/31/2013 (no cost extension)  
NIH/ NIDA \$785,810 (Direct)

*Stimulus Control and Trajectories of Adolescent Smoking*

The purpose of this K23 Mentored Patient-Oriented Research Career Development Award is to broaden the candidate's expertise in smoking cessation research by training in 1) adolescent smoking, and 2) human laboratory methodologies.

(Carpenter) 10/01/2011 – 05/30/2013  
MUSC Hollings Cancer Center (internal seed money) \$75,000 (Direct)

*A Pilot Translational Study of Sampling NRT for Cessation Induction: Is Motivation Necessary?*

This pilot clinical trial will test A) NRT sampling + referral to quitline (motivated smokers) vs. B) NRT sampling + referral to quitline (unmotivated smokers) vs. C) referral to quitline (unmotivated smokers). Our primary aims are to 1) establish feasibility and 2) determine effect sizes, with the ultimate goal of submitting to NIH for funding of a larger trial.

(Carpenter) 01/15/2009 – 12/15/2010  
Prevent Cancer Foundation \$80,000 (Direct)

*A Pilot RCT to Examine a Potentially Reduced Exposure Tobacco Product*



The proposed study is an innovative pilot clinical trial of Potentially Reduced Exposure Products (PREPs), tested among smokers not interested in quitting, with aims to examine changes in smoking behavior, tobacco exposure, and motivation to quit.

(Carpenter/Sutfin, Co-PIs) 9/2007-2/2009  
 WFU Comprehensive Cancer Center and Hollings Cancer Center at the Medical University of South Carolina (Inter-Institutional Pilot Project) \$24,889 (Direct)  
*A Qualitative Examination of Non-Daily Smokers: Implications for Tobacco Control*  
 The goal of this project is to use a qualitative approach to examine two issues particularly salient and inextricably linked to nondaily smoking among young adults: 1) contextual forces (e.g., individual, interpersonal, and community that influence nondaily smoking, and 2) onset of nicotine dependence.

IRG-97219-08 (Carpenter\*) 01/01/2007 – 06/30/2008 (no cost extension)  
 American Cancer Society Institutional Research Grant \$24,000  
*Translating advances in smoking cessation into public health impact: Identification of individual-level barriers to NRT*  
 Specific aim is to examine exact and detailed perspectives on NRT across and within groups of smokers via focus group methodology  
 \*ACS IRG Principal Investigator: C. Reed

(Carpenter) 07/01/2005 – 06/30/2006  
 MUSC/ Dept. of Psychiatry: Women's Research Center \$10,000  
*Menstrual Phase Influences on Smoking Cessation: A Pilot Study*  
 The purpose of this MUSC-funded pilot study is to examine the comparative impact of two menstrual phases (follicular vs. luteal) on withdrawal, craving, and abstinence among a sample of treatment seeking women smokers.

### **II.b CONCLUDED TRAINING GRANTS – Primary Mentor**

American Cancer Society Institutional Research Grant (Dahne) 01/2018 – 12/2019  
*Development and Evaluation of a Low-Cost, Remote Method to Biochemically Verify Smoking Status*  
 This study aims to develop and validate a smartphone-enabled method to remotely capture carbon monoxide (CO) to objectively verify smoking status.  
 Role: Primary Mentor

American Cancer Society Institutional Research Grant (Heckman) 01/2016 – 12/2017  
*Geospatial Innovations to Enhance Precision Medicine for Tobacco Control*  
 Using geospatial analyses, this study aims to determine how densities of retailers of 1) tobacco, 2) nicotine replacement therapy, and/or 3) electronic cigarettes are associated with smoking and disadvantaged populations in Charleston.  
 Role: Primary Mentor

K07 CA181351 (Burriss) 09/01/2014 – 8/31/2019  
 NIH/NCI  
*The Dynamics of Smoking Cessation After Cancer Diagnosis: A Naturalistic Study*  
 The goal of this research is to uncover the process of smoking cessation in newly diagnosed head and neck cancer patients and to identify the dynamics of cognitive and affective variables that underlie quit attempts, lapses, and relapses. The results will inform the design of more effective smoking cessation treatments, which has clear implications for the prevention of future threats to the health of cancer patients.  
 Role: Mentor (note: Grant was submitted and funded while Dr. Burriss was at MUSC/Carpenter: primary mentor; Dr. Burriss since transitioned to Univ Kentucky/Carpenter: secondary mentor)

**II.c CONCLUDED TRAINING GRANTS – Secondary Mentor****II.d CONCLUDED GRANTS – co-Investigator**

R34 DA042228 (McClure) 07/01/2016-06/30/2020 (NCE)

NIH/NIDA

*Evaluating N-acetylcysteine as a pharmacotherapy for tobacco use disorder*

The current study will assess N-acetylcysteine (NAC) as a potential pharmacotherapy for tobacco use disorder by testing its role in the initiation of abstinence and relapse prevention

Role: Co-Investigator

1P01 CA200512 (Cummings) 04/01/2016-03/31/2021

NIH/NCI

*Evaluating How Tobacco Control Policies are Shaping the Nicotine Delivery Market*

There is debate about whether vaporized nicotine products (VNPs) will prove to have a net positive or negative impact on population health. Policies regulating VNPs are rapidly evolving and data are needed to guide policy development. This Program Project presents an innovative and integrated set of studies that will fill this gap by contributing high impact science and novel research methods useful for evaluating how the evolving VNP marketplace and tobacco control policy environment are impacting individuals and population health outcomes.

Role: Co-Investigator

R03 DA045197 (Smith) 9/1/2017 – 8/31/2019

NIH/NIDA

*Impact of exclusive use of low nicotine cigarettes on compensatory smoking*

The goal of the present study is to assess whether smokers known to be exclusively using VLNC cigarettes engage in compensatory smoking behavior.

Role: Co-Investigator

1U01DA031779-02 (Gray) 06/01/2012-5/31/2017

NIH/NIDA

*A Randomized Controlled Trial of Varenicline for Adolescent Smoking Cessation*

This study will examine the efficacy of varenicline, compared with placebo, for smoking cessation in adolescent smokers.

Role: co-Investigator

2 P50 DA 016511-06 (Brady) 09/30/2002 – 06/30/2017

NIH/ NIAMS

*Specialized Centers of Interdisciplinary Research (SCOR) on Sex and Gender: Menstrual Cycle, Smoking Cue Reactivity and Smoking Cessation*

This component focuses on the effects of menstrual cycle phase on reactivity to smoking cues and smoking cessation in nicotine-dependent women.

Role: co-Investigator

1R21 DA035993-01 (Saladin) 9/15/2013-8/31/2015

NIH/NIDA

*Reducing Smoking Cue Reactivity & Behavior Via a Retrieval-Extinction Mechanism*

This study will examine the effects retrieval-extinction training in smokers who are making a quit attempt. It is expected that the smoking-cue retrieval feature of this training will result in significant and enduring reductions in craving and reactivity to smoking cues and have a favorable impact on smoking.

Role: Co-Investigator

P01 CA138389 (Cummings) 09/01/2009-08/31/2014 (NCE)

NIH/NCI

*Effectiveness of Tobacco Control in High vs. Low Income Countries*

The goal of this P01 is to explore whether different tobacco control policies (e.g., product labeling, smoke-free policies, price and taxation, and product regulation) are relatively consistent or inconsistent in effectiveness across different countries with varying incomes and cultures.

Role: co-Investigator

R21 C164521 (Wagener)

1/17/2013-12/31/2014

National Cancer Institute/NIH

*Novel Methods to Reduce Children's Secondhand Smoke Exposure*

Proposes a pilot RCT to examine the impact of using 1) smokeless tobacco, 2) medicinal nicotine, or 3) continued smoking control, on short term changes in exposure to secondhand smoke among youth who have parents who smoke.

Role: co-Investigator (sub-contract with University of Oklahoma)

1R01MH081056-01A1 (Ruggiero)

9/1/2008-6/30/2012

NIH/ NIMH

*Web-based Intervention for Disaster-Affected Youth and Families*

Primary aims are to: (a) develop a Web intervention for disaster-affected adolescents and parents with mental health symptoms, and (b) conduct a randomized controlled population-based study to examine feasibility and efficacy of the intervention with 3,000 families living in US counties with recent federal disaster declarations.

Role: co-Investigator

(Thrasher)

11/1/2010 – 10/31/2011

MUSC CTSA

*Assessing the impact of pictorial health warning labels on cigarette packages: Implications for FDA policy development and smoking-related health disparities*

Based on a newly forged collaboration between USC and MUSC, this project aims to assess adult smokers' affective and cognitive responses to different kinds of pictorial imagery that could be used on health warning labels, which will have implications for forthcoming regulatory changes regarding tobacco packaging.

Role: co-Investigator

1R01 DA02677 (Gray)

08/01/2009 – 07/31/2011

NIH/ NIDA

*A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis Dependent Adolescents*

This is a proposed eight-week RCT testing NAC in conjunction with contingency management for treatment of adolescent cannabis dependence.

Role: co-Investigator

W81XWH-05-1-0378 (Silvestri/Bradford)

09/01/2006 – 08/31/2009

Department of Defense (DOD)

*Public Health and Economic Implications of Free Nicotine Replacement Therapy*

Within the larger project grant, the aims of this component are to: 1) Determine what factors contribute to the decision to use nicotine replacement, and 2) Develop a simulation model of nicotine replacement aided smoking cessation.

Role: co-Investigator

Alpha-1 Foundation (Strange)

07/01/2007 – 06/30/2008

*Alpha-1 Foundation Research Registry Program and ACT Study*

The goal of the Registry is to facilitate Alpha-1 research by providing investigators with a group of Alphas and carriers willing to consider participation in research. The Alpha-1 Coded Testing (ACT) Trial offers free and confidential finger-stick testing for Alpha-1 Antitrypsin Deficiency. The test is administered through a research study which evaluates perceived risks and benefits of genetic testing.

Role: co-Investigator

1R01DA0017460-01 (Upadhyaya) 09/30/2003 – 06/30/2008  
NIH/NIDA

*Combined Pharmacology/Behavior Therapy in Adolescent Smokers*

Even though adolescence is a crucial period for initiation of smoking and progression to regular smoking, there is a lack of evidence for effective treatments for adolescent smokers. The primary goal of this project is to examine the relative efficacy of medication (bupropion SR), Contingency management (CM) and medication + CM for smoking cessation and treatment retention for smoking cessation in adolescents.

Role: co-Investigator

R21 DA018221-01 (McRae) 07/22/2005 – 06/30/2008  
NIH/NIDA

*Atomoxetine Treatment for ADHD and Marijuana Dependence*

The specific aims of this project are to gather preliminary data on the safety and efficacy of atomoxetine in reducing marijuana use in adult patients with comorbid ADHD and marijuana dependence, and to

Role: co-Investigator

K23 DA15440 (McRae) 09/01/2002-08/31/2007  
NIH/ NIDA

*Career Training Marijuana Dependence*

This study presents a 12-week, randomized, double-blind, placebo-controlled trial evaluating a flexible dose of buspirone or placebo in combination with motivational interviewing for treatment of marijuana dependence.

Role: co-Investigator

T32 DA07288 (McGinty) 10/01/2004 – 09/30/2006  
NIH/ NIDA

*Drug Abuse Training Program*

The goals of this NIDA training grant are to produce well-rounded individuals: 1) who are knowledgeable about the basic science and clinical aspects of substance abuse; 2) who are familiar with treatment strategies, and most importantly; 3) who are trained to appreciate and conduct independent research in the area of substance use, abuse, and dependence.

Role: postdoctoral fellow

<u>III.a PENDING GRANTS (PI ONLY)</u>	<u>TOTAL DIRECT COSTS NOTED FOR GRANTS AS PI ONLY</u>	
<u>P01 CA265797</u> (Carpenter, Toll, co-PIs)	9/01/2021 – 08/31/2026	\$9,053,159 Direct
NIH/ NCI		

*Investigating Novel Approaches for Translational Tobacco Treatment (INNOVAT3)*

This Program Project tests 2 novel treatments (Savor and RET) within 3 separate but complementary and interdigitated studies. The Center is built upon a tripartite theme to: 1) develop and evaluate novel translational tobacco treatments, 2) investigate treatments across a spectrum of mechanisms, methodologies, and complementary designs, and 3) assess and deliver treatment across a broad set of decentralized methodologies encompassing a diverse population of smokers in remote areas.

Role: Co-Principal Investigator

<u>R01 DA054089</u> (Smith, Carpenter, co-PIs)	7/01/2021 – 06/30/2026	\$2,344,305 Direct
NIH/ NIDA		

*Treatment development for adolescent vaping: Effects of varenicline on vaping reinforcement value and short-term abstinence*

Adolescent vaping is an epidemic and a significant portion of adolescents who vape are interested in quitting, but no evidence-based treatments have been developed. Given that nicotine is the primary addictive constituent in all tobacco products, treatments that are known to be effective for smoking cessation are the most obvious candidates for adolescent vaping cessation. The proposed trial tests the impact of the single most effective

pharmacotherapy for smoking cessation, varenicline, on the behavioral mechanisms underlying vaping cessation including vaping reinforcement value and short-term abstinence, in adolescents who vape daily.

Role: Co-Principal Investigator

## **GRANT CONSULTING**

### Active

#### Previous

- 2007 – 2011 Okuyemi, K (PI- University of Minnesota): *Effects of Varenicline and Counseling Among Unmotivated Smokers* (NIDA).
- 2009- 2012 Prochaska, JO (PI- University of Rhode Island): *Comparing Population Cessation Services with Emphasis on Unmotivated Smokers* (NIDA).
- 2012 – 2014 Hughes, J (PI- University of Vermont): *A Test of Two Clinical Methods to Prompt a Quit Attempt Among Tobacco Smokers* (NCI).
- 2015 – 2018 Houston, T (PI – University of Massachusetts): *Take a Break: MHealth-assisted skills building challenge for unmotivated smokers* (NCI: R01 CA190866).
- 2016 – 2020 Warren, G (PI – Medical University of South Carolina): *Improving evidence-based care for cancer patients* (AHRQ: R01 HS024533).
- 2016 – 2020 Cropsey, K (PI – University of Alabama Birmingham): *In vivo experience with NRT to increase adherence and smoking abstinence* (NIDA: R01 DA039678).

## **DSM BOARDS**

- 2007 – 2009 Price, K & Brady, K (MUSC): *D-Cycloserine Facilitation of Cocaine-Cue Extinction*. Pilot study from MUSC.
- 2009 – 2013 Andrews, J (MUSC): *A Social Ecological Based Multi-Level Smoking Cessation Intervention in Public Housing* (NHLBI R01 HL09095).
- 2011 – 2013 Hartwell, K (MUSC): *The Impact of Varenicline on BOLD fMRI Activation during Smoking Cue-Induced Craving in Nicotine-Dependent Individuals* (MUSC SCOR pilot project).
- 2016 – 2020 Gray, KM & McRae-Clark, A (MUSC): *Advancing varenicline as a treatment for cannabis use disorder*. (NIDA UG3 DA043231).
- 2015 – 2019 Froeliger, B (MUSC): *Translational neuropsychopharmacology research of nicotine addiction*. (NIDA R01 DA038700).
- 2018 – present Squeglia, L (MUSC): *Neuroscience-informed treatment development for adolescent alcohol use disorders*. (NIAAA K23 AA025399).

## **GRANT REVIEWS**

### National

- |        |  |
|--------|--|
| 3/2009 | NCI Special Emphasis Panel, Smokeless Tobacco Use Cessation  |
| 4/2009 | South Carolina Cancer Alliance, Review of Cancer Plan Implementation Proposals   |
| 4/2009 | Florida Department of Health, Bureau of Tobacco Prevention Program, Review of Community-Based Tobacco Prevention and Control Initiatives |
| 6/2009 | University of Minnesota, Masonic Cancer Center Internal Grant Program Tobacco Research Award Review                                      |

- 8/2010 Washington University School of Medicine, Diabetes Research and Training Center (DRTC), Internal Grant Program
- 10/2011 - 6/2015 Special Emphasis Panel: ZRG1 RPIA-N (09): Risk, Prevention and Intervention for Addictions (recurrent SEP; eventually chartered into ARM, above)
- 2/2012 - present NIH Loan Repayment Program (annually recurrent ad hoc reviewer)
- 3/2013 Special Emphasis Panel: ZRG1 F16-L (20) L  
2/2015 Training, Fellowship Grants
- 2/2014 Special Emphasis Panel: ZRG1 BST-N (50)  
Career Development Awards in Tobacco Regulatory Research (FDA)
- 10/2015 – 6/2018 Addiction Risks and Mechanisms (ARM), Standing Study Section Membership  
7/2016 – 6/2018 Chair, Addiction Risks and Mechanisms (ARM) Study Section
- 5/2017 ZRG1 OTC-Y (55): RFA-OD-15-004: Tobacco Regulatory Sciences Small Grant Program for New Investigators (R03)
- 10/2018 Chair, Special Emphasis Panel Review  
FDA K99/R00 Career Development Awards
- 2/2019 Department of Veteran Affairs Rehabilitation Research and Development Service Behavioral Health & Community Reintegration Review Group (ad hoc)
- 6/2019 NIDA HEAL Initiative: Prevention Preventing Opioid Use Disorder in Older Adolescents & Young Adults: UG3/UH3 (ad hoc reviewer)
- 11/2019 Chair, NIH Fellowships (F30, F31, F32) Review Panel  
3/2020
- 3/2021 NIH Special Emphasis Panel Review: Interventions to Prevent Electronic Nicotine Delivery Systems (ENDS) Use Among Adolescents

International

- 2/2011 The Netherlands Organisation of Health Research and Development (ZonMw), Prevention Programme
- 9/2012 Drug Safety and Evaluation Network (DSEN), Canadian Institute of Health Research (CIHR)
- 1/2018 Health Research Council of New Zealand

**PEER REVIEWED PUBLICATIONS**

1. **Carpenter MJ**, Chutuape MA, Stitzer M. Heroin inhalers versus injectors: Comparisons in age matched samples. *Drug and Alcohol Dependence*. 1998;53:11-5.
2. **Carpenter MJ**, Hughes JR, Solomon LJ, Powell T. Smoking in correctional facilities: A survey of employees. *Tobacco Control*. 2001;10:38-42; PMID: 1763985.
3. Hughes JR, Riggs RR, **Carpenter MJ**. Helplines: How helpful are they? *Drug and Alcohol Dependence*. 2001;62:191-4.

4. **Carpenter MJ**, Hughes JR, Keely JP. Effect of smoking reduction on later cessation: A pilot experimental study. *Nicotine & Tobacco Research*. 2003;5:155-62.
5. **Carpenter MJ**, Hughes JR, Solomon LJ, Callas PW. Both smoking reduction with nicotine replacement therapy and motivational advice increase future cessation among smokers unmotivated to quit. *Journal of Consulting and Clinical Psychology*. 2004;72:371-81.
6. Strange C, Dickson R, Carter CL, **Carpenter MJ**, Holladay B, Lundquist R, Brantly ML. Genetic testing for Alpha1- Antitrypsin Deficiency. *Genetics in Medicine*. 2004;6:204-10.
7. Hughes JR, **Carpenter MJ**. The feasibility of smoking reduction: An update. *Addiction*. 2005;100(8):1074-89. Epub 2005/07/27. doi: 10.1111/j.1360-0443.2005.01174.x. PubMed PMID: 16042638; PMCID: 1419056.
8. Alberg AJ, Horner M-JD, Daguise VG, **Carpenter MJ**, Johnson MG, Mosley CM, Vincent B, Silvestri G, Reed CE, Hebert JR. Lung and bronchus cancer disparities in South Carolina: Epidemiology and strategies for prevention. *Journal of the South Carolina Medical Association*. 2006;102:183-91.
9. **Carpenter MJ**, Upadhyaya HP, LaRowe SD, Saladin ME, Brady KT. Menstrual cycle phase effects on nicotine withdrawal and cigarette craving: A review. *Nicotine & Tobacco Research*. 2006;8(5):627-38. Epub 2006/09/30. doi: 10.1080/14622200600910793. PubMed PMID: 17008190.
10. Hughes JR, **Carpenter MJ**. Does smoking reduction increase future cessation and decrease disease risk? A qualitative review. *Nicotine & Tobacco Research*. 2006;8(6):739-49. Epub 2006/11/30. doi: 10.1080/14622200600789726. PubMed PMID: 17132521.
11. Ruggiero KJ, Resnick HS, Acierno R, Coffey SF, **Carpenter MJ**, Ruscio AM, Stephens RS, Kilpatrick DG, Stasiewicz PR, Roffman RA, Bucuvalas M, Galea S. Internet-based intervention for mental health and substance use problems in disaster-affected populations: A pilot feasibility study. *Behavior Therapy*. 2006;37:190-205.
12. **Carpenter MJ**, Strange C, Jones Y, Dickson MR, Carter CL, Moseley MA, Gilbert GE. Does genetic testing result in behavioral health change? Changes in smoking behavior following testing for Alpha-1 Antitrypsin Deficiency. *Annals of Behavioral Medicine*. 2007;33:22-8.
13. LaRowe SD, Saladin ME, **Carpenter MJ**, Upadhyaya HP. Reactivity to nicotine cues over repeated cue reactivity sessions. *Addictive Behaviors*. 2007;32:2888-99.
14. **Carpenter MJ**, Saladin ME, Leinbach AS, Larowe SD, Upadhyaya HP. Menstrual phase effects on smoking cessation: A pilot feasibility study. *J Womens Health (Larchmt)*. 2008;17(2):293-301. Epub 2008/03/07. doi: 10.1089/jwh.2007.0415. PubMed PMID: 18321181.
15. Carter CL, **Carpenter MJ**, Higbee C, Travers M, Hyland A, Bode A, Thacker S, Alberg AJ. Fine particulate air pollution in restaurants and bars according to smoking policy in Charleston, South Carolina. *Journal of the South Carolina Medical Association*. 2008;104:82-5.
16. Dickson MR, Carter CL, **Carpenter MJ**, McClure R, McGee D, Zapka J, Strange C. Barriers to genetic testing among persons at risk for Alpha-1 Antitrypsin Deficiency. *Genetic Testing*. 2008;12:501-5.
17. Upadhyaya HP, **Carpenter MJ**. Is Attention Deficit Hyperactivity Disorder (ADHD) severity associated with tobacco, alcohol and other drug use among college students? *American Journal on Addictions*. 2008;17:195-8; PMCID: 3390681.
18. **Carpenter MJ**, Garrett-Mayer E, Vitoc C, Cartmell K, Biggers S, Alberg AJ. Adolescent non-daily smokers: Favorable views of tobacco yet receptive to cessation. *Nicotine & Tobacco Research*. 2009;11:348-55; PMCID: 2670369.
19. **Carpenter MJ**, Saladin ME, DeSantis S, Gray KM, LaRowe SD, Upadhyaya HP. Laboratory-based, cue-elicited craving and cue reactivity as predictors of naturally occurring smoking behavior. *Addictive Behaviors*. 2009;34:536-41. doi: 10.1016/j.addbeh.2009.03.022; PMCID: 2685198.
20. McRae-Clark AL, Carter RE, Brady KT, Killeen TK, **Carpenter MJ**, Wahlquist AE, Simpson S. A placebo-controlled trial of buspirone for the treatment of marijuana dependence. *Drug and Alcohol Dependence*. 2009;105:132-8; PMCID: 2789590.
21. Nonemaker JM, Garrett-Mayer E, **Carpenter MJ**, Ford MW, Silvestri G, Lackland DT, Alberg AJ. The risk of dying from lung cancer by race: A prospective cohort study in a biracial cohort in Charleston, South Carolina. *Annals of Epidemiology*. 2009;19:304-10.
22. Byrd EA, **Carpenter MJ**, Travers M. Changes in air quality pre/post smoke-free legislation in Charleston County, SC. *Journal of the South Carolina Medical Association*. 2010;106:145-8.

23. **Carpenter MJ**, Alberg AJ, Gray KM, Saladin ME. Motivating the unmotivated for health behavior change: A randomized trial of cessation induction for smokers. *Clinical Trials*. 2010;7:157-66. doi: 10.1177/1740774510361533 PMID: 2902976.
24. **Carpenter MJ**, Baker NL, Gray KM, Upadhyaya HP. Assessment of nicotine dependence among adolescent smokers: A comparison of measures Addictive Behaviors. 2010;35:977-82; PMID: 2919624.
25. **Carpenter MJ**, Gray KM. A pilot randomized study of smokeless tobacco use among smokers not interested in quitting: changes in smoking behavior and readiness to quit. *Nicotine & Tobacco Research*. 2010;12(2):136-43. Epub 2010/01/08. doi: 10.1093/ntr/ntp186. PubMed PMID: 20053788; PMID: 2816197.
26. Gray KM, Baker NL, **Carpenter MJ**, Lewis AL, Upadhyaya HP. Attention-deficit/hyperactivity disorder confounds nicotine withdrawal self-report in adolescent smokers. *American Journal on Addictions*. 2010;19(4):325-31. Epub 2010/07/27. doi: 10.1111/j.1521-0391.2010.00048.x. PubMed PMID: 20653639; PMID: 2911152.
27. Gray KM, DeSantis SM, **Carpenter MJ**, Saladin ME, LaRowe SD, Upadhyaya HP. Menstrual cycle and cue reactivity in women smokers. *Nicotine & Tobacco Research*. 2010;12(2):174-8. Epub 2009/12/10. doi: 10.1093/ntr/ntp179. PubMed PMID: 19996146; PMID: 2816193.
28. Gray KM, Watson NL, **Carpenter MJ**, Larowe SD. N-acetylcysteine (NAC) in young marijuana users: An open-label pilot study. *American Journal on Addictions*. 2010;19(2):187-9. Epub 2010/02/19. doi: 10.1111/j.1521-0391.2009.00027.x. PubMed PMID: 20163391; PMID: 2826714.
29. Hughes JR, **Carpenter MJ**, Naud S. Do point prevalence and prolonged abstinence measures produce similar results in smoking cessation studies? A systematic review. *Nicotine & Tobacco Research*. 2010;12(7):756-62. Epub 2010/05/28. doi: 10.1093/ntr/ntq078. PubMed PMID: 20504946; PMID: 2893294.
30. McRae-Clark AL, Carter RE, Killeen TK, **Carpenter MJ**, White KG, Brady KT. A placebo-controlled trial of atomoxetine in marijuana-dependent individuals with attention deficit hyperactivity disorder. *American Journal on Addictions*. 2010;19:481-9; PMID: 3019094.
31. Watson NL, **Carpenter MJ**, Saladin ME, Gray KM, Upadhyaya HP. Evidence for greater cue reactivity among low dependent vs. high dependent smokers. *Addictive Behaviors*. 2010;35:673-7. doi: 10.1016/j.addbeh.2010.02.010; PMID: 2856788.
- \*32. Brown AE, **Carpenter MJ**, Sutfin EL. Occasional smoking in college: Who, what, when and why? *Addictive Behaviors*. 2011;36:1199-204. doi: 10.1016/j.addbeh.2011.07.024; PMID: 3179822.
33. **Carpenter MJ**, Ford ME, Cartmell KB, Alberg AJ. Misperceptions and misconceptions of nicotine replacement therapy within racially and ethnically diverse smokers. *Journal of the National Medical Association*. 2011;103:885-94; PMID: 3372924.
34. **Carpenter MJ**, Hughes JR, Gray KM, Wahlquist AE, Saladin ME, Alberg AJ. Nicotine therapy sampling to induce quit attempts among smokers unmotivated to quit: A randomized clinical trial. *Archives of Internal Medicine*. 2011;171:1901-7. doi: 10.1001/archinternmed.2011.492; PMID: 3372898.
35. **Carpenter MJ**, Sterba KR, Boatright AS, West R. 'Closet' quit attempts: Prevalence, correlates and association with outcome. *Addiction*. 2011;106(12):2214-20. Epub 2011/06/16. doi: 10.1111/j.1360-0443.2011.03538.x. PubMed PMID: 21672072; PMID: 3208784.
36. Cartmell KB, Miner C, **Carpenter MJ**, Vitoc CS, Biggers S, Onicescu G, Hill EG, Nickerson BC, Alberg AJ. Secondhand smoke exposure in youths in relation to the strength and adherence of parental rules against smoking at home and in the car. *Public Health Reports*. 2011;126:575-82; PMID: 3115217.
37. Cropsey KL, Jackson CD, Hale GJ, **Carpenter MJ**, Stitzer ML. Impact of self-initiated pre-quit smoking reduction on cessation rates: Results of a clinical trial of smoking cessation among female prisoners. *Addictive Behaviors*. 2011;36(1-2):73-8; PMID: 3005277.
38. Curran JN, Garrett-Mayer E, **Carpenter MJ**, Ford ME, Silvestri GA, Lackland DT, Alberg AJ. Cigarette smoking and the risk of dying from tobacco-related malignancies by race. *Anticancer Research*. 2011;31:3891-5.
39. Gray KM, **Carpenter MJ**, Baker NL, Hartwell KJ, Lewis AL, Hiott DW, Deas D, Upadhyaya HP. Bupropion SR and contingency management for adolescent smoking cessation. *Journal of Substance Abuse Treatment*. 2011;40:77-86. doi: 10.1016/j.jsat.2010.08.010; PMID: 2997899.
40. Gray KM, LaRowe SD, Watson NL, **Carpenter MJ**. Reactivity to in vivo marijuana cues among cannabis dependent adolescents. *Addictive Behaviors*. 2011;36:140-3; PMID: 2981614.



- \*41. Ryan KK, Garrett-Mayer E, Alberg AJ, Cartmell KB, **Carpenter MJ**. Predictors of cessation pharmacotherapy use among African American and non-Hispanic white smokers. *Nicotine & Tobacco Research*. 2011;13:646-52. doi: 10.1093/ntr/ntr051; PMID: 3150684.
42. Saladin ME, Gray KM, **Carpenter MJ**, LaRowe SD, DeSantis SM, Upadhyaya HP. Gender differences in reactivity to smoking and negative affect/stress cues. *American Journal on Addictions*. 2011;21:210-20. doi: 10.1111/j.1521-0391.2012.00232.x; PMID: 3325498.
43. Sterba KR, Rabiou V, **Carpenter MJ**, Villars P, Wiatrek D, McAlister A. Dyadic efficacy for smoking cessation: Preliminary assessment of a new instrument. *Nicotine & Tobacco Research*. 2011;13(3):194-201. Epub 2011/02/18. doi: 10.1093/ntr/ntq236. PubMed PMID: 21324838; PMID: 3045465.
44. Gray KM, **Carpenter MJ**, Baker NL, DeSantis SM, Kryway E, Hartwell KJ, McRae-Clark AL, Brady KT. A double-blind randomized controlled trial of N-acetylcysteine in cannabis-dependent adolescents. *American Journal of Psychiatry*. 2012;169:805-12. doi: 10.1176/appi.ajp.2012.12010055; PMID: 3410961.
45. Gray KM, **Carpenter MJ**, Lewis AL, Klintworth EM, Upadhyaya HP. Varenicline versus bupropion XL for smoking cessation in older adolescents: A randomized, double-blind pilot trial. *Nicotine & Tobacco Research*. 2012;14:234-9. doi: 10.1093/ntr/ntr130; PMID: 3265741.
- \*46. Jardin BF, **Carpenter MJ**. Predictors of quit attempts and abstinence among smokers not currently interested in quitting. *Nicotine & Tobacco Research*. 2012;14:1197-204. doi: 10.1093/ntr/nts015; PMID: 3457712.
47. Paoletti L, Jardin BF, **Carpenter MJ**, Cummings KM, Silvestri G. Current status of tobacco policy and control. *Journal of Thoracic Imaging*. 2012;27:213-9; PMID: 3409436.
- \*48. Ryan KK, MacKillop J, **Carpenter MJ**. The relationship between impulsivity, risk-taking propensity and nicotine dependence among older adolescent smokers. *Addictive Behaviors*. 2012;38:1431-4. doi: 10.1016/j.addbeh.2012.08.013; PMID: 3493878.
49. Schiller CE, Saladin ME, Gray KM, Hartwell KJ, **Carpenter MJ**. Association between ovarian hormones and smoking behavior in women. *Exp Clin Psychopharmacol*. 2012;20(4):251-7. Epub 2012/05/02. doi: 10.1037/a0027759. PubMed PMID: 22545725; PMID: 3660106.
50. Swayampakala K, Thrasher J, **Carpenter MJ**, Shigematsu LMR, Cupertino A-P, Berg CJ. Level of cigarette consumption and quit behavior in a population of low-intensity smokers – Longitudinal results from the International Tobacco Control (ITC) survey in Mexico. *Addictive Behaviors*. 2012;16:1958-65. doi: 10.1016/j.addbeh.2012.12.007; PMID: 3579525.
51. Thrasher JF, **Carpenter MJ**, Andrews JO, Gray KM, Alberg AJ, Navarro A, Friedman DB, Cummings KM. Cigarette warning label policy alternatives and smoking-related health disparities. *American Journal of Preventive Medicine*. 2012;43:590-600. doi: 10.1016/j.amepre.2012.08.025; PMID: 3504356.
52. Berg CJ, **Carpenter MJ**, Jardin B, Ostroff JS. Harm reduction and cessation efforts and interest in cessation strategies among survivors of smoking-related cancers. *Journal of Cancer Survivorship*. 2013;7:44-54. doi: 10.1007/s11764-012-0243-9; PMID: 3568241.
- \*53. Burris JL, Wahlquist AE, **Carpenter MJ**. Characteristics of cigarette smokers who want to quit now versus quit later. *Addictive Behaviors*. 2013;38:2257-60. doi: 10.1016/j.addbeh.2013.02.008; PMID: 3622155.
54. **Carpenter MJ**, Jardin BF, Burris JL, Mathew AR, Schnoll RA, Rigotti NA, Cummings KM. Clinical strategies to enhance the efficacy of nicotine replacement therapy for smoking cessation: A review of the literature. *Drugs*. 2013;73(5):407-26. Epub 2013/04/11. doi: 10.1007/s40265-013-0038-y. PubMed PMID: 23572407; PMID: 3662024.
55. Cropsey KL, Hendricks PS, Jardin B, Clark CB, Katiyar N, Willig J, Mugavero M, Raper JL, Saag M, **Carpenter MJ**. A pilot study of screening, brief intervention, and referral for treatment (SBIRT) in non-treatment seeking smokers with HIV. *Addictive Behaviors*. 2013;38:2541-6. doi: 10.1016/j.addbeh.2013.05.003; PMID: 3725186.
56. Lewis AL, Baker N, Carpenter M, Klintworth E, Gray KM. Does physician continuity within a clinical trial increase retention and compliance among adolescent smokers? *Adolescent Psychiatry*. 2013;3:195-9. doi: 10.2174/2210676611303020011.
- \*57. Burris JL, **Carpenter MJ**, Wahlquist AE, Cummings KM, Gray KM. Brief, instructional smokeless tobacco use among cigarette smokers who do not intend to quit: a pilot randomized clinical trial. *Nicotine & Tobacco Research*. 2014;16(4):397-405. Epub 2013/10/17. doi: 10.1093/ntr/ntt161. PubMed PMID: 24130144; PMID: 3954419.

58. **Carpenter MJ**, Saladin ME, LaRowe SD, McClure EA, Simonian S, Upadhyaya HP, Gray KM. Craving, cue reactivity, and stimulus control among early stage young smokers: Effects of smoking intensity and gender. *Nicotine & Tobacco Research*. 2014;16:208-15. doi: 10.1093/ntr/ntt147; PMID: 3880235.
59. Cornelius ME, Driezen P, Fong GT, Chaloupka FJ, Hyland A, Bansal-Travers M, **Carpenter MJ**, Cummings KM. Trends in the use of premium and discount cigarette brands: Findings from the ITC US surveys (2002–2011). *Tobacco Control*. 2014;23:i48-i53. doi: 10.1136/tobaccocontrol-2013-051045; PMID: 4038075
- \*60. Jardin BF, Cropsey KL, Wahlquist AE, Gray KM, Silvestri GA, Cummings KM, **Carpenter MJ**. Evaluating the effect of access to free medication to quit smoking: A clinical trial testing the role of motivation. *Nicotine & Tobacco Research*. 2014;16:992-9. Epub 2014/03/13. doi: 10.1093/ntr/ntu025. PubMed PMID: 24610399; PMID: 4133568.
61. Krupski L, Cummings KM, Hyland A, Mahoney MC, Toll BA, **Carpenter MJ**, Carlin-Menter S. Cost and effectiveness of combination nicotine replacement therapy among heavy smokers contacting a quitline. *Journal of Smoking Cessation*. 2014;1-10. doi: 10.1017/jsc.2014.15.
62. Mackillop J, Amlung MT, Blackburn A, Murphy JG, Carrigan M, **Carpenter MJ**, Chaloupka F. Left-digit price effects on smoking cessation motivation. *Tobacco Control*. 2014;23:501-6. doi: 10.1136/tobaccocontrol-2012-050943.
- \*63. Mathew AR, Wahlquist AE, Garrett-Mayer E, Gray KM, Saladin ME, **Carpenter MJ**. Affective motives for smoking among early stage smokers. *Nicotine & Tobacco Research*. 2014;16:1387-93. doi: 10.1093/ntr/ntu093; PMID: 4207875
64. McClure EA, Saladin ME, Baker NL, **Carpenter MJ**, Gray KM. Smoking topography and abstinence in adult female smokers. *Addictive Behaviors*. 2014;38:2833-6. doi: 10.1016/j.addbeh.2013.08.004; PMID: 3805754.
65. Saunders LL, Krause JS, **Carpenter MJ**, Saladin ME. Risk behaviors related to cigarette smoking among persons with spinal cord injury. *Nicotine & Tobacco Research*. 2014;16:224-30. doi: 10.1093/ntr/ntt153.
66. Alberg AJ, Worley ML, Tooze JA, Hatcher JL, **Carpenter MJ**, Day TA, Sullivan CA, Warren GW, Sterba KR, Weaver KE. The validity of self-reported recent smoking in head and neck cancer surgical patients. *Otolaryngology - Head and Neck Surgery*. 2015;153:990-5. doi: 10.1177/0194599815594385; PMID: 4666777.
- \*67. Burris JL, Heckman BW, Mathew AR, **Carpenter MJ**. A mechanistic test of nicotine replacement therapy sampling for smoking cessation induction. *Psychology of Addictive Behaviors*. 2015;29:392-9. doi: 10.1037/adb0000035; PMID: 4411194.
68. Gray KM, McClure EA, Baker NL, Hartwell KJ, **Carpenter MJ**, Saladin ME. An exploratory short-term double-blind randomized trial of varenicline versus nicotine patch for smoking cessation in women. *Addiction*. 2015;110:1027-34. doi: 10.1111/add.12895; PMID: 4430389.
- \*69. Heckman BW, **Carpenter MJ**, Correa JB, Wray JM, Saladin ME, Froeliger BE, Drobles DJ, Brandon TH. Effects of experimental negative affect manipulations on ad lib smoking: A meta-analysis. *Addiction*. 2015;110:751-60. doi: 10.1111/add.12866; PMID: 4398635.
- \*70. Heckman BW, Mathew AR, **Carpenter MJ**. Treatment burden and treatment fatigue as barriers to health. *Current Opinion in Psychology*. 2015;5:31-6. doi: 10.1016/j.copsyc.2015.03.004; PMID: 4465180.
71. Kasza KA, Cummings KM, **Carpenter MJ**, Cornelius ME, Hyland AJ, Fong GT. Use of stop-smoking medications in the United States before and after the introduction of varenicline. *Addiction*. 2015;110:346-55. doi: 10.1111/add.12778; PMID: 4469178.
- \*72. Mathew AR, Burris JL, Alberg AJ, Cummings KM, **Carpenter MJ**. Impact of a brief telephone referral on quitline use, quit attempts, and abstinence. *Health Education Research*. 2015;30:134-9. doi: 10.1093/her/cyu041; PMID: 4296887.
- \*73. Mathew AR, Burris JL, Froeliger B, Saladin ME, **Carpenter MJ**. Impulsivity and cigarette craving among adolescent daily and occasional smokers. *Addictive Behaviors*. 2015;45:134-8. doi: 10.1016/j.addbeh.2015.01.032; PMID: 4374009.
74. McClure EA, Baker NL, Gipson CD, **Carpenter MJ**, Roper AP, Froeliger BE, Kalivas PW, Gray KM. An open-label pilot trial of N-acetylcysteine and varenicline in adult cigarette smokers. *American Journal of Drug and Alcohol Abuse*. 2015;41:52-6. doi: 10.3109/00952990.2014.933839; PMID: 4262740.
75. Ruggiero K, Price M, Adams Z, Stauffacher K, McCauley J, Danielson CK, Knapp R, Hanson R, Davidson T, Amstadter A, **Carpenter MJ**, Saunders B, Kilpatrick D, Resnick H. Web intervention for adolescents

- affected by disaster: Population-based randomized controlled trial. *American Journal of Child and Adolescent Psychiatry*. 2015;54:709-17. doi: 10.1016/j.jaac.2015.07.001.; PMID: 4548271.
76. Saladin ME, McClure EA, Baker N, **Carpenter MJ**, Ramakrishnan V, Hartwell KJ, Gray KM. Increasing progesterone levels are associated with smoking abstinence in free cycling women smokers receiving brief pharmacotherapy. *Nicotine & Tobacco Research*. 2015;17:398-406. doi: 10.1093/ntr/ntu262; PMID: 4432400.
  77. Saladin ME, Wray JM, **Carpenter MJ**, McClure EA, LaRowe SD, Upadhyaya HP, Gray KM. Menstrual cycle phase effects in the gender dimorphic stress cue reactivity of smokers. *Nicotine & Tobacco Research*. 2015;17:607-11. doi: 10.1093/ntr/ntu203; PMID: 4402356.
  78. Saunders LL, Krause JS, Saladin M, **Carpenter MJ**. Prevalence of cigarette smoking and attempts to quit in a population-based cohort with spinal cord injury. *Spinal Cord*. 2015;53:641-5. doi: 10.1038/sc.2015.71.
  79. Smith PH, Kasza KA, Hyland A, Fong GT, Borland R, Brady K, **Carpenter MJ**, Hartwell K, Cummings KM, McKee SA. Gender differences in medication use and cigarette smoking cessation: Results from the ITC Four County Survey. *Nicotine & Tobacco Research*. 2015;17:463-72. doi: 10.1093/ntr/ntu212; PMID: 4402353.
  80. Wray JM, Gray KM, McClure EA, **Carpenter MJ**, Tiffany ST, Saladin ME. Gender differences in responses to cues presented in the natural environment of cigarette smokers. *Nicotine & Tobacco Research*. 2015;17:438-42. doi: 10.1093/ntr/ntu248; PMID: 4432398.
  81. \*Burris JL, Wahlquist AE, Alberg AJ, Cummings KM, Gray KM, Garrett-Mayer E, **Carpenter MJ**. A longitudinal, naturalistic study of U.S. smokers' trial and adoption of snus. *Addictive Behaviors*. 2016;63:82-8. doi: 10.1016/j.addbeh.2016.07.008; PMID: 4993634
  82. **Carpenter MJ**. Novel strategies to promote smoking cessation. *Journal of the South Carolina Academy of Science*. 2016;14(1).
  83. Hatcher JL, Sterba KR, Tooze JA, Day TA, **Carpenter MJ**, Alberg AJ, Sullivan CA, Fitzgerald MS, Weaver KE. Tobacco use and surgical outcomes in head and neck cancer patients. *Head and Neck*. 2016;38:700-6. doi: 10.1002/hed.23944; PMID: 4472632
  84. Sewali B, Thomas JL, Guo H, Peterson K, Ahluwalia JS, **Carpenter MJ**, Patten C, Ellerbeck EF, Okuyemi KS. Enrolling smokers from health systems into quitline services: Results of two enrolment strategies. *Journal of Smoking Cessation*. 2016;11:179-87. doi: 10.1017/jsc.2014.23.
  85. **Carpenter MJ**, Heckman BW, Wahlquist AE, Wagener TL, Goniewicz ML, Gray KM, Froeliger B, Cummings KM. A naturalistic, randomized pilot trial of e-cigarettes: Uptake, exposure, and behavioral effects. *Cancer Epidemiology, Biomarkers & Prevention*. 2017;26:1795-803. doi: 10.1158/1055-9965.EPI-17-0460; PMID: 5713898.
  86. **Carpenter MJ**, Wahlquist AE, Burris JL, Gray KM, Garrett-Mayer E, Cummings KM, Alberg AJ. Snus undermines quit attempts but not abstinence: A randomized clinical trial among U.S. smokers. *Tobacco Control*. 2017;26:202-9. doi: 10.1136/tobaccocontrol-2015-052783; PMID: 5061602.
  87. Cropsey KL, Hendricks PS, Schiavon S, Sellers A, Froelich M, Shelton RC, **Carpenter MJ**. A pilot trial of in vivo NRT sampling to increase medication adherence and abstinence in community corrections smokers. *Addictive Behaviors*. 2017;67:92-9. doi: 10.1016/j.addbeh.2016.12.011; PMID: 28063325
  88. \*Dahne J, Lejuez CW, Kustanowitz J, Felton JW, Diaz VA, Player MS, **Carpenter MJ**. Moodivate: A self-help Behavioral Activation mobile app for utilization in primary care—Development and clinical considerations *The International Journal of Psychiatry in Medicine*. 2017;52:160-75. doi: 10.1177/0091217417720899; PMID: 5592783
  89. \*Dahne J, Wahlquist AE, Garrett-Mayer E, Heckman BW, Cummings KM, **Carpenter MJ**. The differential impact of state tobacco control policies on cessation treatment utilization across established tobacco disparities groups. *Preventive Medicine*. 2017;105:319-25. doi: 10.1016/j.ypmed.2017.10.001; PMID: 5662127
  90. Danielson CK, Sumner J, Adams ZA, McCauley J, **Carpenter MJ**, Amstadter AB, Ruggiero KJ. Adolescent substance use following a deadly U.S. tornado outbreak: A population-based study of 2,000 families. *Journal of Clinical Child and Adolescent Psychology*. 2017;46:732-45. doi: 10.1080/15374416.2015.1079780; PMID: 4879111
  91. Froeliger B, Mathew A, McConnell P, Eichberg C, Saladin ME, **Carpenter MJ**, Garland EL. Restructuring reward mechanisms in nicotine addiction: A pilot fMRI study of Mindfulness-Oriented Recovery Enhancement

- for cigarette smokers. *Evidence Based Complementary and Alternative Medicine*. 2017;2017. doi: 10.1155/2017/7018014; PMID: 5360937.
92. Germeroth LJ, **Carpenter MJ**, Baker NL, Froeliger B, LaRowe SD, Saladin ME. Effect of a brief memory updating intervention on smoking behavior: A randomized clinical trial. *JAMA Psychiatry*. 2017;74:214-23. doi: 10.1001/jamapsychiatry.2016.3148; PMID: 5930385
  93. \*Heckman BW, Cummings KM, Kasza KA, Borland R, Burris JL, Fong GT, McNeill A, **Carpenter MJ**. Effectiveness of switching smoking-cessation medications following relapse. *American Journal of Preventive Medicine*. 2017;53:e63-e70. doi: 10.1016/j.amepre.2017.01.038; PMID: 5522631.
  94. Kasza KA, Hyland AJ, R. B, McNeill A, Fong GT, **Carpenter MJ**, Partos T, Cummings KM. Cross-country comparison of smokers' reasons for thinking about quitting over time: Findings from the International Tobacco Control Four Country Survey (ITC-4C), 2002-2015. *Tobacco Control*. 2017;26:641-8. doi: 10.1136/tobaccocontrol-2016-053299; PMID: 5406262.
  95. \*Mathew AR, Heckman BW, Meier E, **Carpenter MJ**. Development and initial validation of a cessation fatigue scale. *Drug and Alcohol Dependence*. 2017;176:102-8. doi: 10.1016/j.drugalcdep.2017.01.047; PMID: 5802379.
  96. \*Mathew AR, Heckman BW, Wahlquist AE, Garrett-Mayer EG, **Carpenter MJ**. One-year smoking trajectories among established adult smokers with low baseline motivation to quit. *Nicotine & Tobacco Research*. 2017;20:50-7. doi: 10.1093/ntr/ntw264; PMID: 5896476
  97. McClure EA, Baker NL, **Carpenter MJ**, Treiber FA, Gray KG. Attitudes and interest in technology-based treatment and the remote monitoring of smoking among adolescents and emerging adults. *Journal of Smoking Cessation*. 2017;12:88-98. doi: 10.1017/jsc.2015.15; PMID: 5453644
  98. \*Meier E, Burris JL, Wahlquist AE, Garrett-Mayer E, Gray KM, Alberg AJ, Cummings KM, **Carpenter MJ**. Perceptions of snus among US adult smokers given free product. *Nicotine & Tobacco Research*. 2017;20:22-9. doi: 10.1093/ntr/ntw392; PMID: 5896465
  99. \*Meier E, Wahlquist AE, Heckman BW, Cummings KM, Froeliger B, **Carpenter MJ**. A pilot randomized crossover trial of electronic cigarette sampling among smokers. *Nicotine & Tobacco Research*. 2017;19:176-82. doi: 10.1093/ntr/ntw157; PMID: 5234361.
  100. Nahhas GJ, Cummings KM, Talbot V, **Carpenter MJ**, Toll BA, Warren GW. Who opted out of an opt-out smoking-cessation programme for hospitalised patients? *Journal of Smoking Cessation*. 2017;12:199-204. doi: 10.1017/jsc.2016.20.
  101. Nahhas GJ, Wilson D, Talbot V, Cartmell KB, Warren GW, Toll BA, **Carpenter MJ**, Cummings KM. Feasibility of implementing a hospital-based "opt-out" tobacco-cessation service. *Nicotine & Tobacco Research*. 2017;19:937-43. doi: 10.1093/ntr/ntw312; PMID: 27928052
  102. Porter M, Harvey J, Gavin JK, **Carpenter MJ**, Cummings KM, Pope C, Diaz VA. A qualitative study to assess factors supporting tobacco use in a homeless population. *AIMS Medical Science*. 2017;4:83-98. doi: 10.3934/medsci.2017.1.83.
  103. Sterba KR, Garrett-Mayer E, **Carpenter MJ**, Tooze JA, Hatcher JL, Sullivan C, Warren GW, Day TA, Alberg AJ, Weaver KE. Smoking status and symptom burden in surgical head and neck cancer patients. *The Laryngoscope*. 2017;127:127-33. doi: 10.1002/lary.26159; PMID: 5177454.
  104. Tomko RL, Saladin ME, McClure EA, Squeglia LM, **Carpenter MJ**, Tiffany ST, Baker NL, Gray KM. Alcohol consumption as a predictor of reactivity to smoking and stress cues presented in the natural environment of smokers. *Psychopharmacology*. 2017;234:427-35. doi: 10.1007/s00213-016-4472-x; PMID: 5228531.
  105. \*Dahne J, Wahlquist AE, Boatright AS, Garrett-Mayer E, Fleming DO, Davis R, Egan B, **Carpenter MJ**. Nicotine replacement therapy sampling via primary care: Methods from a pragmatic cluster randomized clinical trial. *Contemporary Clinical Trials*. 2018;72:1-7. doi: 10.1016/j.cct.2018.07.008; PMID: 6133738.
  106. \*Dahne J, Wahlquist AE, Garrett-Mayer E, Heckman BW, Cummings KM, **Carpenter MJ**. State tobacco policies as predictors of evidence-based cessation method usage: Results from a large, nationally representative dataset. *Nicotine & Tobacco Research*. 2018;20:1336-43. doi: 10.1093/ntr/ntx192; PMID: 6154978.
  107. Heckman BW, Cummings KM, Nahas GJ, Willemsen MC, O'Connor RJ, Borland R, Hirsch AA, Bickel WK, **Carpenter MJ**. Behavioral economic purchase tasks to estimate demand for novel nicotine/tobacco products and prospectively predict future use: Evidence from the Netherlands. *Nicotine & Tobacco Research*. 2018. doi: 10.1093/ntr/nty042; PMID: 29547973

108. Heckman BW, Dahne JR, Mathew AR, Germeroth LJ, Santa Ana EJ, Saladin ME, **Carpenter MJ**. Does cessation fatigue predict smoking-cessation milestones? A longitudinal study of current and former smokers. *Journal of Consulting and Clinical Psychology*. 2018;86:903-14. doi: 10.1037/ccp0000338; PMID: 6196734.
109. McClure EA, Tomko RL, **Carpenter MJ**, Treiber FA, Gray KM. Acceptability and compliance with a remote monitoring system to track smoking and abstinence among young smokers. *American Journal of Drug and Alcohol Abuse*. 2018;44:561-70. doi: 10.1080/00952990.2018.1467431; PMID: 6059983.
110. \*Dahne J, Collado A, Lejuez CW, Risco C, Diaz VA, Kustanowitz J, Zvolensky M, **Carpenter MJ**. ¡Aptivate!: A spanish language behavioral activation mobile application for delivery via primary care. *Psychological Services*. 2019;16:271-5. doi: 10.1037/ser0000304; PMID: 6499645.
111. \*Dahne J, Collado A, Lejuez CW, Risco CM, Diaz VA, Coles L, Kustanowitz J, Zvolensky MJ, **Carpenter MJ**. Pilot randomized controlled trial of a Spanish-language Behavioral Activation mobile app (¡Aptivate!) for the treatment of depressive symptoms among United States Latinx adults with limited English proficiency. *Journal of Affective Disorders*. 2019;250:210-7. doi: 10.1016/j.jad.2019.03.009; PMID: 6461510.
112. \*Dahne J, Lejuez CW, Diaz VA, Player MS, Kustanowitz J, Felton JW, **Carpenter MJ**. Pilot randomized trial of a self-help behavioral activation mobile application for utilization in primary care. *Behavior Therapy*. 2019;50:817-27. doi: 10.1016/j.beth.2018.12.003; PMID: 6582985.
113. \*Heckman BW, Cummings KM, Stoltman JJK, Dahne J, Borland R, Fong GT, **Carpenter MJ**. Longer quit duration is associated with waning cessation fatigue. *Behavior Research and Therapy*. 2019;115:12-8. doi: 10.1016/j.brat.2018.11.011; PMID: 6409126.
114. \*Mathew AR, Heckman BW, Froeliger B, Saladin ME, Brown RA, Hitsman B, **Carpenter MJ**. Multi-method assessment of distress tolerance and smoking-related factors among adult daily smokers. *Experimental and Clinical Psychopharmacology*. 2019;27:136-45. doi: 10.1037/pha0000238; PMID: 6561662.
115. McClure EA, Tomko RL, Salazar CA, Akbar SA, Squeglia LM, Herrmann E, **Carpenter MJ**, Peters EN. Tobacco and cannabis co-use: Drug substitution, quit interest, and cessation preferences. *Experimental and Clinical Psychopharmacology*. 2019;27:265-75. doi: 10.1037/pha0000244; PMID: 6538467.
116. Tomko RL, McClure EA, Cato PA, Wang JB, **Carpenter MJ**, Karelitz JL, Froeliger B, Saladin ME, Gray KM. An electronic, smart lighter to measure cigarette smoking: A pilot study to assess feasibility and initial validity. *Addictive Behaviors*. 2019;98:106052. doi: 10.1016/j.addbeh.2019.106052; PMID: 6708757.
117. Tomko RL, McClure EA, Squeglia LM, Treloar Padovano H, McRae-Clark AL, Baker NL, **Carpenter MJ**, Gray KM. Methods to reduce the incidence of false negative trial results in substance use treatment research. *Current Opinion in Psychology*. 2019;30:35-41. doi: 10.1016/j.copsyc.2019.01.009; PMID: 6661207.
118. Baker NL, Gray KM, Ramakrishnan R, Tomko RL, McClure EA, **Carpenter MJ**, Saladin ME. Increases in endogenous progesterone attenuate smoking in a cohort of non-treatment seeking women: An exploratory prospective study. *Addiction Biology*. 2020:e12918. doi: 10.1111/adb.12918. PubMed PMID: 32476209.
119. Bloom EL, **Carpenter MJ**, Walaska K, Hunt L, Keable K, Rayani M, Japuntich SJ. Pilot trial of nicotine replacement therapy sampling in a dental care clinic. *Journal of Smoking Cessation*. 2020;15:1-5. doi: 10.1017/jsc.2019.17.
120. **Carpenter MJ**, Wahlquist AE, Dahne J, Gray KM, Garrett-Mayer E, Cummings KM, Davis R, Egan BM. Nicotine replacement therapy sampling for smoking cessation within primary care: Results from a pragmatic cluster randomized clinical trial. *Addiction*. 2020;115:1358-67. doi: 10.1111/add.14953; PMID: 7292788.
121. Cropsey KL, Beane M, Haynes L, **Carpenter MJ**, Richey LE. Delivery and implementation of an algorithm for smoking cessation treatment for people living with HIV and AIDS. *AIDS Care*. 2020;32:223-9. doi: 10.1080/09540121.2019.1626340. PubMed PMID: 31174425; PMID: 7581129.
122. \*Dahne J, Nahhas GJ, Wahlquist AE, Cummings KM, **Carpenter MJ**. State tobacco excise taxation, comprehensive smoke-free air laws, and tobacco control appropriations as predictors of smoking cessation success—Tobacco Use Supplement to the Current Population Survey, 2014-2015. *Journal of Public Health Management and Practice*. 2020;26(5):e1-e4. doi: 10.1097/PHH.0000000000000865.
123. Dahne J, Tomko RL, McClure EA, Obeid JS, **Carpenter MJ**. Remote methods for conducting tobacco-focused clinical trials. *Nicotine & Tobacco Research*. 2020;22:2134-40. doi: 10.1093/ntr/ntaa105; PMID: 7454765.
124. Dahne J, Wahlquist AE, Smith TT, **Carpenter MJ**. The differential impact of nicotine replacement therapy sampling on cessation outcomes across established tobacco disparities groups. *Preventive Medicine*. 2020;136:106096. doi: 10.1016/j.ypmed.2020.106096. PubMed PMID: 32320705; PMID: 7255419.

125. Hood CO, Tomko RL, Baker NL, Tuck B, Flanagan JC, **Carpenter MJ**, Saladin M, Gray KM, McClure EA. Examining sex, adverse childhood experiences, and oxytocin on neuroendocrine reactivity in smokers. *Psychoneuroendocrinology*. 2020;120:104752. doi: 10.1016/j.psyneuen.2020.104752; PMID: 7502468.
126. \*Leavens ELS, Smith TT, Natale N, **Carpenter MJ**. Electronic cigarette dependence and demand among pod mod users as a function of smoking status. *Psychology of Addictive Behaviors*. 2020;34:804-10. doi: 10.1037/adb0000583; PMID: 7572426.
127. McClure EA, Baker NL, Gray KM, Hood CO, Tomko RL, **Carpenter MJ**, Ramakrishnan VR, C.J. B, Saladin ME. The influence of gender and oxytocin on stress reactivity, cigarette craving, and smoking in a randomized, placebo-controlled laboratory relapse paradigm. *Psychopharmacology*. 2020;237:543-55. doi: 10.1007/s00213-019-05392-z. PubMed PMID: 31792646; PMID: 7024045.
128. McClure EA, Baker NL, Hood CO, Tomko RL, Squeglia LM, Flanagan JC, **Carpenter MJ**, Gray KM. Cannabis and alcohol co-use in a smoking cessation pharmacotherapy trial for adolescents and emerging adults. *Nicotine & Tobacco Research*. 2020;22:1374-82. doi: 10.1093/ntr/ntz170. PubMed PMID: 31612956; PMID: 7364825
129. \*Smith TT, Heckman BW, Wahlquist AE, Cummings KM, **Carpenter MJ**. The impact of e-liquid propylene glycol and vegetable glycerin ratio on ratings of subjective effects, reinforcement value, and use in current smokers. *Nicotine & Tobacco Research*. 2020;22:791-7. doi: 10.1093/ntr/ntz130. PubMed PMID: 31403695; PMID: 7171278.
130. Smith TT, Koopmeiners JS, White CM, Denlinger-Apte RL, Pacek LR, De Jesus VR, Wang L, Watson C, Blount BC, Hatsukami DK, Benowitz NL, Donny EC, **Carpenter MJ**. The impact of exclusive use of very low nicotine cigarettes on compensatory smoking: An inpatient crossover clinical trial. *Cancer Epidemiology, Biomarkers & Prevention*. 2020;29:880-6. doi: 10.1158/1055-9965.EPI-19-0963. PubMed PMID: 32102910; PMID: 7125007.
131. \*Smith TT, Wahlquist AE, Heckman BW, Cummings KM, **Carpenter MJ**. Impact of e-cigarette sampling on cigarette dependence and reinforcement value. *Nicotine & Tobacco Research*. 2020;22:297-301. doi: 10.1093/ntr/nty258. PubMed PMID: 30500925; PMID: 7297108.
132. Tomko RL, Saladin ME, Baker NL, McClure EA, **Carpenter MJ**, Ramakrishnan VR, Heckman BW, Wray JM, Foster KT, Tiffany ST, Metts CL, Gray KM. Sex differences in subjective and behavioral responses to stressful and smoking cues presented in the natural environment of smokers. *Nicotine & Tobacco Research*. 2020;22:81-8. doi: 10.1093/ntr/nty234. PubMed PMID: 30371887; PMID: 7297015.
133. Baker NL, Gray KM, Ramakrishnan R, Tomko RL, McClure EA, **Carpenter MJ**, Saladin ME. Increases in endogenous progesterone attenuate smoking in a cohort of non-treatment seeking women: An exploratory prospective study. *Addiction Biology*. 2021;26:e12918. doi: 10.1111/adb.12918. PubMed PMID: 32476209; PMID: 7704566.
134. Dahne J, Player M, **Carpenter MJ**, Ford DW, Diaz VA. Evaluation of a proactive smoking cessation electronic visit to extend the reach of evidence-based cessation treatment via primary care. *Telemedicine and e-Health*. 2021;27:347-54. doi: 10.1089/tmj.2020.0167. PubMed PMID: 33085578; PMID: 7958988.
135. Denlinger-Apte RL, White CM, Donny EC, Hatsukami DK, Benowitz NL, **Carpenter MJ**, Smith TT. "I actually finally feel like the cigarettes aren't controlling me." – Interviews with participants using very low nicotine content cigarettes during an inpatient study. *Drug & Alcohol Dependence*. 2021;219:108465. doi: 10.1016/j.drugalcdep.2020.108465; PMID: 7855643.
136. Palmer AM, Smith TT, Nahhas GJ, Rojewski AM, Sanford BT, **Carpenter MJ**, Toll BA. Interest in quitting e-cigarettes among adult e-cigarette users with and without cigarette smoking history. *JAMA Network Open*. 2021;4:e214146. doi: 10.1001/jamanetworkopen.2021.4146; PMID: 8019099.
137. \*Silvestri NJ, Dahne J, Wahlquist AE, Toll B, **Carpenter MJ**. Does medication sampling improve compliance with brief advice? Results from a pragmatic randomized clinical trial. *Journal of Smoking Cessation*. 2021;2021:1-4. doi: 10.1155/2021/6638872; PMID: 8023690.
138. Smith TT, Nahhas GJ, **Carpenter MJ**, Squeglia LM, Diaz VA, Leventhal AM, Dahne J. Intention to quit vaping among United States adolescents: A call for treatment development. *JAMA Pediatrics*. 2021;175:97-9. doi: 10.1001/jamapediatrics.2020.2348w; PMID: 7432259.
139. **Carpenter MJ**, Gray KM, Wahlquist AE, Cropsey K, Saladin ME, Froeliger B, Smith TT, Toll BA, Dahne J. A pilot randomized clinical trial of remote varenicline sampling to promote treatment engagement and smoking cessation. *Nicotine & Tobacco Research*. in press. doi: 10.1093/ntr/ntaa241.

140. Cropsey KL, Wolford-Clevenger C, Sisson ML, Chichester KR, Hugley M, Azuero A, Businelle MS, Hendricks PS, Shelton RC, **Carpenter MJ**. A pilot study of nicotine replacement therapy sampling and selection to increase medication adherence in low-income smokers. *Nicotine & Tobacco Research*. in press.
141. \*Leavens ELS, **Carpenter MJ**, Smith TT, Nollen N. Exploratory evaluation of online brief education for JUUL pod-mod use and prevention. *Addictive Behaviors*. in press. doi: 10.1016/j.addbeh.2021.106942.
142. McClure EA, Wahlquist AE, Tomko RL, Baker NL, **Carpenter MJ**, Bradley ED, Cato PA, Gipson CD, Gray KM. Evaluating N-acetylcysteine for early and end-of-treatment abstinence in adult cigarette smokers. *Drug & Alcohol Dependence*. in press.
143. Rojewski AM, Fucito LM, Baker NL, Krishnan-Sarin S, **Carpenter MJ**, Bernstein SL, Toll BA. A preoperative contingency management intervention for smoking abstinence in cancer patients: A preliminary randomized controlled trial. *Nicotine & Tobacco Research*. in press. doi: 10.1093/ntr/ntaa266.

\*trainees under direct supervision/mentorship

### **NON-REVIEWED PUBLICATIONS & FDA COMMENTS**

1. **Carpenter, MJ** Comments to FDA Scientific Evaluation of Modified Risk Tobacco Products (MRTPs) (Date Posted: 9/28/2011). Docket Number FDA-2011-N-0443. Tracking Number: 80f1433f.
2. **Carpenter, MJ**, & Cummings, KM. Comments sent in Response to FDA Actions Related to Nicotine Replacement Therapies and Smoking Cessation Products. (Date Posted: 3/7/2013). Docket Number FDA-2012-N-1148. Tracking Number: 1jx-82vr-1rty.
3. Burris, JB & **Carpenter, MJ**. Comments to FDA in Request for Information on Psychosocial Predictors of Uptake of Tobacco and Other Products (Date Posted: 1/21/2016). Docket Number FDA-2016-0073. Tracking Number: 1k0-8nht-aqbt.
4. **Carpenter, MJ** (2016). Novel strategies to Promote Smoking Cessation. *Journal of the South Carolina Academy of Sciences*;14: 1-6. (Winner: South Carolina Governor's Award for Excellence in Research)

### **BOOK CHAPTERS**

1. Miller PM, **Carpenter MJ**. Behavioral treatments for the addictions. In: Hersen M, editor. *Encyclopedia of Behavior Modification and Cognitive Behavior Therapy*. Thousand Oaks, CA: Sage Publications; 2005.
2. Militsakh O, Chi A, Alberg A, Cannick G, Ford M, **Carpenter M**, et al. Head and neck cancer prevention. In: Koch W, editor. *Early Diagnosis and Treatment of Cancer: Head and Neck Cancer*. Philadelphia: Elsevier, Inc; 2010. p. 167-99.
3. Gray KM, **Carpenter MJ**, & Upadhyaya HP. Nicotine Use Disorders. In: Rosner, R, editor. *Clinical Handbook of Adolescent Addiction*. John Wiley and Sons, Hoboken, NJ. pgs 237-246.

### **LETTERS TO THE EDITOR / COMMENTARIES / E-PUBLICATIONS**

1. **Carpenter MJ**, Hughes JR. Defining quit attempts: What difference does a day make? *Addiction*. 2005;100:257-8.
2. Horner MJD, Hebert JR, Daguiuse VG, **Carpenter MJ**, Johnson MG, Mosley CM, et al. Lung and bronchus cancer disparities in South Carolina: Early detection, special programs, and descriptive epidemiology. *eJournal of the South Carolina Medical Association*. 2005;101:e218-e24.
3. Hughes JR, **Carpenter MJ**. Stopping smoking: Carpe diem? *Tobacco Control*. 2006;15:415-6. PMID: 2563661.
4. Hughes JR, **Carpenter MJ**. Reduction as a prelude to cessation. E- letter to Editor. *Tobacco Control*. 2006.
5. Alberg AJ, Carter CL, **Carpenter MJ**. Weight gain as an impediment to cigarette smoking cessation: A lingering problem in need of solutions. *Preventive Medicine*. 2007;44:296-7.
6. Gray KM, Watson NL, **Carpenter MJ**, LaRowe SD. N-Acetylcysteine (NAC) in young marijuana users: An open-label pilot study. *American Journal on Addictions*. 2010;19:187-9. PMID: 2826714.
7. **Carpenter MJ**. Proactive recruitment in clinical trials: An idea whose time has come. *Tob Control*. 2011;20:317.

8. **Carpenter MJ**, Strange C. Smoking is in our genes. E- letter to Editor. *Ann Fam Med*. 2011.
9. Alberg AJ, **Carpenter MJ**. Enhancing the effectiveness of smoking cessation interventions: A cancer prevention imperative. *J Natl Cancer Inst*. 2012;104:260-2.
10. Cummings KM, **Carpenter MJ**. Selling smoking cessation. *Lancet*. 2017;389:768-70. doi: 10.1016/S0140-6736(17)30125-3.
11. Silvestri GA, **Carpenter MJ**. Smoking trends and lung cancer mortality: The good, the bad, and the ugly. *Annals of Internal Medicine*. 2018;169:721-2. doi: 10.7326/M18-2775.
12. **Carpenter MJ**, Hughes JR. If at first you don't try . . . . *Nicotine & Tobacco Research*. 2020;22:1431-2.
13. McClure EA, **Carpenter MJ**. Commentary on Guillaumier et al: Is harm reduction a suitable outcome for historically hard-to-treat smokers? *Addiction*. 2020;115:1356-7. doi: 10.1111/add.15052. PubMed PMID: 32293762.

#### **INVITED TALKS**

- Carpenter, M.** (2006, October). Evidence-Based Smoking Cessation. Oral Presentation to the Alpha-1 Research Registry, Charleston, SC.
- Carpenter, M.** (2007, July). Latest Evidence for Smoking Cessation. Oral Presentation to the Alpha-1 Research Registry, Statesville, NC.
- Carpenter, M.** (2007, September). Smoking Cessation and Substance Abuse Treatment: Two Birds and One Stone. Oral presentation to the South Carolina Addictions Fellows Program, Charleston, SC.  
[Repeated again 2008, August]
- Carpenter, M.** (2009, April). Cessation induction for unmotivated smokers. Oral presentation to the University of Rhode Island Cancer Prevention and Control Program, Providence, RI.
- Carpenter, M.** (2009, December). New Options for Smoking Cessation: Helping the Rest of the Pack. Grand Rounds given to Department of Psychiatry and Behavioral Sciences, Medical University of South Carolina.
- Carpenter, M.** (2010, October). Behavioral strategies to induce cessation: Beyond Talk. Oral presentation at the South Carolina Tobacco Summit, Columbia, SC.
- Carpenter, M.** (2011, May). "But I like smoking!" Innovative Strategies for the Unmotivated Smoker. Grand Rounds given to Department of Psychiatry. University of Alabama Birmingham.
- Carpenter, M.** (2011, December). The Rest of the Pack: Recalcitrant Smokers as a Public Health Challenge. Oral presentation to the Global Education Program, Medical University of South Carolina.
- Carpenter, M.** (2012, February). Clinical Interventions to Promote Quit Attempts Among Smokers: Expected and Unexpected Controversies. Seminar presentation to the MUSC Dept of Medicine, Division of Biostatistics and Epidemiology.
- Carpenter, M.** (2012, March). Clinical Interventions to Promote Quit Attempts: Treatment Development and Dissemination. Presentation for Association for the Treatment of Tobacco Use and Dependence pre-SRNT conference seminar. Houston, TX.
- Carpenter, M.** (2012, April). The Rest of the Pack: What Can We Do for Recalcitrant Smokers? Oral presentation to Masters of Science Clinical Research Fellows, Medical University of South Carolina.
- Carpenter, M.** (2012, April). Primary Care Opportunities for Smoking Cessation. Grand Rounds given to the Department of Family Medicine, Medical University of South Carolina.
- Carpenter, M.** (2014, July). Hospital-based Smoking Cessation. Presentation for the 2014 Carolina's COPD Symposium. Charlotte, NC.
- Carpenter, M.** (2014, October). Treatment delivery in the real world: Expanded reach through pragmatic interventions. Presentation for the Tobacco Research Retreat, Medical University of South Carolina.
- Carpenter, M.** (2015, May). E-cigarettes: Hope or Caution? Presentation for the Maine Health Center for Tobacco Independence, Portland, Maine
- Carpenter, M.** (2016, June). E-cigarettes: Hope or Caution? Presentation for the 40<sup>th</sup> Annual Cardiology Update, Charleston, SC
- Carpenter, M.** (2016, June). Pragmatic options for smoking cessation. Presentation for the Annual Update in Family Medicine, Kiawah Island, SC.
- Carpenter, M.** (2016, June). Smoking cessation in the context of psychiatry. Presentation for the Annual Update in Psychiatry, Charleston, SC.



- Carpenter, M.** (2017, February). Pragmatic Trials of Smoking Cessation and Alternative Products: Is Simpler Better? Presentation for Northwestern University Lurie Cancer Center, Chicago, IL.
- Carpenter, M.** (2017, March). E-Cigarettes: Clearing the Smoke? Presentation for MUSC Science Café, Charleston, SC.
- Carpenter, M.** (2017, April). Pragmatic Trials of Smoking Cessation and Alternative Products: Is Simpler Better? Grand Rounds presentation for Rutgers University/ RWJ Medical School, Piscataway, NJ.
- Carpenter, M.** (2018, January). Novel tobacco products: e-cigarettes and heat-not-burn devices. Discussant for South Carolina Tobacco Collaborative Annual Meeting, Columbia, SC.
- Carpenter, M.** (2018, July). Panel Discussant: NIH/NIDA/NCI Workgroup meeting for assessment of electronic nicotine delivery devices (ENDS). Bethesda, MD.
- Carpenter, M.** (2018, October). Pragmatic Trials of Smoking Cessation and Alternative Products: Simpler IS Better. Division Grand Rounds presentation for MUSC Pulmonology & Critical Care.
- Carpenter, M.** (2019, May). E-cigs and Vaping for Smoking Cessation: Winning by Quitting or Double Trouble? Oral presentation at American Thoracic Society Annual Conference, Dallas TX.
- Carpenter, M.** (2019, July). Pragmatic Trials of Smoking Cessation: Is Simpler Better? Invited speaker for Vermont Center for Behavior and Health. Burlington, VT
- Carpenter, M.** (2019, August). Smoking Cessation in Primary Care: New Options for an Old Problem. Invited speaker for 3<sup>rd</sup> Annual APRN Conference: Behavioral Health Integration in Primary Care. Charleston, SC.
- Carpenter, M.** (2020, October). Empowering Smokers to Quit: Products and Priorities. Invited speaker for 14<sup>th</sup> Congres International d'Addictologie de l'Albatros. Paris, France (virtual).

#### **PAPER AND POSTER PRESENTATIONS**

- Carpenter, M.,** Chutuape, M.A., & Stitzer, M. (1997, June). Differences among intravenous and intranasal opiate abusers. Poster session at the annual meeting of the College on Problems of Drug Dependence, Nashville, TN.
- Carpenter, M.,** Sherman, M., Chutuape, M.A., & Stitzer, M. (1998, February). Determinants of multiple detoxification: The revolving door. Poster session at the annual meeting of the Eastern Psychological Association, Boston, MA.
- Riggs, R., Hughes, J., & **Carpenter, M.** (1999, March). Helplines: How helpful are they? Poster session at the annual meeting of the Society for Research on Nicotine and Tobacco, San Diego, CA.
- Riggs, R., Hughes, J., & **Carpenter, M.** (1999, June). Helplines: How helpful are they? Poster session at the annual meeting of the College for Problems on Drug Dependence, Acapulco, Mexico.
- Carpenter, M.,** Hughes, J., Powell, T., & Solomon, L. (2000, February). A Survey of Attitudes on Smoking Restrictions in Prison Employees. Poster session at the annual meeting of the Society for Research on Nicotine and Tobacco, Washington, DC.
- Carpenter, M.,** Hughes, J., Keely, P. (2000, June). Does reducing smoking change readiness to quit smoking? Poster session at the annual meeting of the College for Problems on Drug Dependence, San Juan, Puerto Rico.
- Carpenter, M.,** Hughes, J., Powell, T., & Solomon, L. (2000, August). A Survey of Attitudes on Smoking Restrictions in Prison Employees. Poster session at the 11<sup>th</sup> Annual World Congress on Tobacco or Health, Chicago, IL.
- Keely, J., Hughes, J., & **Carpenter, M.** (2001, March). A Method to Convert Prolonged and Point Prevalence Quit Rates. Poster session at the annual meeting of the Society for Research on Nicotine and Tobacco, Seattle, WA.
- Carpenter, M.** (2001, September). Smoking reduction: Feasibility and consequences for cessation. Oral paper presented at the 2001 meeting for the European Society for Research on Nicotine and Tobacco, Paris, France.
- Hughes, J., & **Carpenter, M.** (2003, December). Randomized Trial of USPHS 5 Rs and Smoking Reduction to Prompt Cessation. Oral paper presented at the National Conference on Tobacco or Health, Boston, MA.
- Carpenter, M.,** Hughes, J., Solomon, L., & Callas, P. (2004, February). Both Smoking Reduction with NRT and Motivational Advice Induce Cessation Among Unmotivated Smokers. Poster presented at the 10<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Scottsdale, AZ.

- Carpenter, M., & Hughes, J.** (2005, March). Smoking Reduction: A Review of Current Literature. Poster presented at the 11<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Prague, Czech Republic.
- LaRowe, S., Upadhyaya, H., Saladin, M., **Carpenter, M.**, & Brady, K. (2005, March). Gender differences and cue reactivity to in vivo smoking and stress cues in nicotine dependent smokers. Poster presented at the 11<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Prague, Czech Republic.
- Carpenter, M.**, Dickson, R., Carter, C., Jones, J., Holladay, B., & Strange, C. (2005, March). Genetic Information for Alpha-1 Antitrypsin Deficiency May Induce Changes in Smoking Behavior. Poster presented at the 11<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Prague, Czech Republic.
- Carpenter, M.**, & Hughes, J. (2005, March). Can Smoking Reduction Lead to Cessation Among Unmotivated Smokers? Oral paper presented at the 11<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Prague, Czech Republic.
- Hughes, J., & **Carpenter, M.** (2005, May). Should Tobacco Control Programs Promote Smoking Reduction? Oral paper presented at the Annual National Conference on Tobacco or Health, Chicago, IL.
- LaRowe, S.D., Upadhyaya, H.P., Saladin, M.E., **Carpenter, M.J.** & Brady K.T. (2005, June). Evidence for gender differences in cue reactivity to in vivo smoking cues in nicotine-dependent smokers. Oral paper presented at the 67<sup>th</sup> Annual Meeting of the College on Problems of Drug Dependence, Orlando, FL.
- Ruggiero, K., Resnick, H., Acierno, R., Coffey, S., Stephens, R., **Carpenter, M.**, Kilpatrick, D., Ruscio, A., Stasiewicz, P., Roffman, R., Bucuvalas, M., & Galea, S. (2005, November). Internet-based early intervention for mental health and substance use problems. Poster presented at the 39<sup>th</sup> annual convention of the Association for Advancement of Behavior Therapy, Washington, DC.
- Carpenter, M.**, Upadhyaya, H., LaRowe, S., Saladin, M., & Brady, K. (2006, February). Menstrual Cycle Phase Effects on Nicotine Withdrawal and Cigarette Craving: A Review. Poster presented at the 12<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Orlando, FL.
- Upadhyaya, H., **Carpenter, M.**, Hiott, W., Gray, K., Deas, D., Jastrab, J., & Mazarulli, A. (2006, February). Recruitment: Referral sources of adolescent and young adult smokers for research studies. Poster presented at the 12<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Orlando, FL.
- LaRowe, S., Upadhyaya, H., **Carpenter, M.**, Saladin, M. & Brady, K. (2006, February). Does cue-reactivity extinguish with repeated laboratory sessions? Poster presented at the 12<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Orlando, FL.
- Carpenter, M.**, LaRowe, S., Upadhyaya, H., Saladin, M., Brady, K. (2006, June). Does cue reactivity extinguish with repeated laboratory sessions? Poster presented at the 68<sup>th</sup> Annual Meeting of the College for Problems on Drug Dependence, Scottsdale, AZ.
- Horne, C., **Carpenter, M.**, Upadhyaya, H., LaRowe, S., Saladin, M., Brady, K. (2006, June). Menstrual cycle phase effects on nicotine withdrawal and cigarette craving: A review. Poster presented at the 68<sup>th</sup> Annual Meeting of the College for Problems on Drug Dependence, Scottsdale, AZ.
- Upadhyaya, H., & **Carpenter, M.** (2006, June). ADHD symptom count and tobacco/other substance use among college students. Oral paper presented at the 68<sup>th</sup> Annual Meeting of the College for Problems on Drug Dependence, Scottsdale, AZ.
- Thacker, S., Carrigan, D., Carter, C., **Carpenter, M.**, Miller, D., Serber, E., Washington, C., Woodward, T., Furman, V., Jordan, P., Baker, R., Furman, L., Guidry, N., & Cassick, J. (2006, November). Hospitality employees have the right to breathe clean air in the workplace: An analysis of indoor air quality in smoking and non-smoking restaurants and bars in Charleston County, South Carolina. Poster presented at the APHA 134<sup>th</sup> Annual Meeting and Exposition, Boston, MA.
- Carpenter, M.**, Saladin, M., LaRowe, S., Leinbach, A., Upadhyaya, H. (2007, February). Menstrual phase effects on smoking cessation: A Pilot Feasibility Study. Poster presented at the 11<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Austin, TX.
- Upadhyaya, H., Gray, K., **Carpenter, M.**, Simpson, A., Frattaroli, G. (2007, February). Safety and feasibility of atomoxetine for smoking cessation in young smokers with and without Attention Deficit Hyperactivity Disorder (ADHD): A pilot study. Oral paper presented at the 11<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Austin, TX.
- Carpenter, M.** (2007, May). What do we do for smokers who don't want to quit? Oral presentation to the South Carolina Seventh Annual Oral Health Forum, Columbia, SC

- Carpenter, M.**, Saladin, M., LaRowe, S., Leinbach, A., Upadhyaya, H. (2007, June). Menstrual phase effects on smoking cessation: A pilot feasibility study. Oral presentation at the 69<sup>th</sup> Annual Meeting of the College for Problems on Drug Dependence, Quebec City, Quebec.
- Carpenter, M.**, Carrigan, d., Wilson, D., Carter, c., Martin, R., & Alberg, A (2007, October). Seceding from Big Tobacco: A Southern City Goes Smokefree Despite Preemption. Poster presented at the National Conference on Tobacco or Health, Minneapolis, MN.
- Carpenter, M.**, Ford, M., Cartmell, K., & Alberg, A. (2007, October). Translating Effective Cessation to Underserved Populations: What Barriers? Poster presented at the National Conference on Tobacco or Health, Minneapolis, MN.
- Gray, K., **Carpenter, M.**, Gilbert, G., & Upadhyaya, H. (2007, October). Contingency Management in Adolescent Smoking Cessation: Retention and Outcomes. Poster presented at the American Academy of Child and Adolescent Psychiatry (AACAP) Annual Meeting, Boston, MA.
- Nonemaker, J., Garrett-Mayer, E., **Carpenter, M.**, Ford, M., Silvestri, G., Lackland, D., & Alberg, A. (2008, April). Do the Associations between Cigarette Smoking and Risk of Death from Tobacco-associated Malignancies Differ by Race? Poster presented at the American Association for Cancer Research (AACR) Annual Meeting, San Diego, CA.
- Carpenter, M.**, Garett-Mayer, E., Vitoc, C., Cartmell, K., Shambrook, J., Biggers, S., & Alberg, A. (2008, February). Even Minimal Experience with Smoking is Associated with Pro-Smoking Attitudes. Poster presented at the 14<sup>th</sup> Annual Meeting for the Society for Research on Nicotine and Tobacco, Portland, OR.
- Cartmell, K., Miner, C., **Carpenter, M.**, Vitoc, C., Nickerson, B., Biggers, S., & Alberg, A. (2008, February). Parental Rules Affect Prevalence of Secondhand Smoke Exposure in Home and Car. Poster presented at the 14<sup>th</sup> Annual Meeting for the Society for Research on Nicotine and Tobacco, Portland, OR.
- Upadhyaya, H., Gray, K., **Carpenter, M.**, & Gilbert, G. (2008, February). Characteristics and Comorbidities of Adolescents Entering a Smoking Cessation Study. Poster presented at the 14<sup>th</sup> Annual Meeting for the Society for Research on Nicotine and Tobacco, Portland, OR.
- Upadhyaya, H., Gray, K., **Carpenter, M.**, & Gilbert, G. (2008, February). Contingency Management in an Adolescent Smoking Cessation Medication Trial: Retention and Outcomes. Poster presented at the 14<sup>th</sup> Annual Meeting for the Society for Research on Nicotine and Tobacco, Portland, OR.
- Alberg, AJ, **Carpenter, MJ**, Burke, AE, & Hoffman-Bolton, J. (March, 2008). Patterns of use of smoking cessation pharmacotherapy among current smokers. Poster presented at the Annual Meeting of the American Society of Preventive Oncology, Bethesda, MD.
- Carpenter, M.**, Alberg, A., Cartmell, K., Vitoc, C., Biggers, S., & Upadhyaya, HP. (2008, June). Adolescent Low-Rate Smokers Desire and Attempt to Quit as Much as Heavier Smokers. Poster presented at the 70<sup>th</sup> Annual Meeting for the College on Problems of Drug Dependence, San Juan, PR.
- Leinbach, A., **Carpenter, M.**, Gilbert, G., Klintworth, E., Gray, G., & Upadhyaya, HP. (2008, June). Physician continuity and treatment outcome in an adolescent smoking cessation study. Poster presented at the 70<sup>th</sup> Annual Meeting for the College on Problems of Drug Dependence, San Juan, PR.
- Saladin, M.E., Upadhyaya, H.P., **Carpenter, M.J.**, LaRowe, S.D. DeSantis, S.M., & Brady, K.T. (2008, June). Evaluation of gender differences in subjective cravings and stress reactions to smoking and stress cues in nicotine dependent individuals. Poster presented at the 70<sup>th</sup> Annual Meeting for the College on Problems of Drug Dependence, San Juan, PR.
- Upadhyaya, HP., Gilbert, G., Gray, K., **Carpenter, M.**, Randall, T., & Deas, D. (2008, June). Correlates of ADHD comorbidity among adolescent smokers. Poster presented at the 70<sup>th</sup> Annual Meeting for the College on Problems of Drug Dependence, San Juan, PR.
- McRae, A.L., Carter, R.E., Killeen, T.K., **Carpenter, M.J.**, Simpson, S.A., & Brady, K.T. (2008, June). A placebo-controlled trial of bupirone in marijuana-dependent individuals. Poster presented at the 70<sup>th</sup> Annual Meeting for the College on Problems of Drug Dependence, San Juan, PR.
- Gray, K.M., LaRowe, S.D., Malcolm, R.J., Kalivas, P.W., Upadhyaya, H.P. & **Carpenter, M.J.** (2008, November). Open-label oral n-acetylcysteine in cannabis dependent adolescents: Preliminary findings. Poster presented at the 55<sup>th</sup> Annual Meeting for the American Academy of Child and Adolescent Psychiatry, Chicago, IL.
- Carpenter, M.J.**, Alberg, A.J., Cartmell, K. Reasons for under-use of pharmacotherapy (2009, April). Poster presented at the 15<sup>th</sup> Annual Meeting for the Society for Research on Nicotine and Tobacco, Dublin, IR.

- Carpenter, M.J.**, Saladin, M.E., DeSantis, S., Gray, K.M. & Upadhyaya, H.P. (2009, April). Cue-Elicited Craving and its Relationship to Smoking. Poster presented at the 15<sup>th</sup> Annual Meeting for the Society for Research on Nicotine and Tobacco, Dublin, IR.
- Saladin, M.E., **Carpenter, M.J.**, Gray, K.M., DeSantis, S., & Upadhyaya, H.P. (2009, April). Gender Differences in Reactivity to smoking and stress cues. Paper presented at the 15<sup>th</sup> Annual Meeting for the Society for Research on Nicotine and Tobacco, Dublin, IR.
- Gray, K.M., **Carpenter, M.J.**, Baker, N.L., Lewis, A.L., & Upadhyaya, H.P. (2009, April). Do adolescent smokers with Attention-Deficit/Hyperactivity Disorder (ADHD) have greater nicotine withdrawal? Poster presented at the 15<sup>th</sup> Annual Meeting for the Society for Research on Nicotine and Tobacco, Dublin, IR.
- Gray KM, **Carpenter MJ**, Baker NL, Klintworth EM, Leinbach AS, Upadhyaya HP. (2009, June). Bupropion SR and Contingency Management in Adolescent Smokers: Main Findings. Poster presented at the 70<sup>th</sup> Annual Meeting of the College for Problems on Drug Dependence, Reno, NV.
- Carpenter MJ**, Baker NL, Gray KM, Lewis AL, Klintworth E, Leinbach A, Upadhyaya HP. (2009, June). Assessment of Nicotine Dependence Among Adolescent Smokers: A Comparison of Measures. Poster presented at the 70<sup>th</sup> Annual Meeting of the College for Problems on Drug Dependence, Reno, NV.
- Lewis AL, Gray KM, **Carpenter MJ**, Baker NL, Klintworth EM, Leinbach AS, Upadhyaya HP. (2009, June). Attention-Deficit/Hyperactivity Disorder (ADHD) and Nicotine Withdrawal Symptoms Among Treatment-Seeking Adolescent Smokers. Poster presented at the 70<sup>th</sup> Annual Meeting of the College for Problems on Drug Dependence, Reno, NV.
- Watson NL, **Carpenter MJ**, Saladin ME, Gray KM, McCullough SA, Klintworth EM, Horne CE, Upadhyaya HP. (2009, June). Could low dependent smokers be more cue reactive than high dependent smokers? Poster presented at the 70<sup>th</sup> Annual Meeting of the College for Problems on Drug Dependence, Reno, NV.
- McRae-Clark, A.L., Carter, R.E., Killeen, T.K., **Carpenter, M.J.**, & Brady, K.T. (2009, June). A placebo-controlled trial of atomoxetine in marijuana-dependent adults with ADHD. Paper presented at the 70<sup>th</sup> Annual Meeting of the College for Problems on Drug Dependence, Reno, NV.
- Upadhyaya, H.P., Gray, K.M., Baker, N.L., & **Carpenter, M.J.** (2009, October). Bupropion and contingency management for nicotine dependence. Paper presented at the 56<sup>th</sup> Annual Meeting for the American Academy of Child and Adolescent Psychiatry, Honolulu, HI.
- Lewis, A.L., Gray, K.M., Baker, N., **Carpenter, M.J.**, & Upadhyaya, H.P. (2009, October). Getting off on a good foot: Does abstinence on a pre-determined quit date guarantee anything in adolescent smokers? Poster presented at the 56<sup>th</sup> Annual Meeting for the American Academy of Child and Adolescent Psychiatry, Honolulu, HI.

**NOTE: As of 2010, presentations listed only for Carpenter (first author) or primary trainees.**

- \*Ryan, K.R., **Carpenter, M.J.**, & Saladin, M.E. (2010, February). Evidence for an inverse relationship between risk taking propensity and smoking quantity in adolescents. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- Carpenter, M.J.**, Alberg, A.J., Gray, K.M., & Saladin, M.E. (2010, June). Methods to efficiently recruit and effectively retain unmotivated smokers in a nationwide randomized clinical trial. Paper presented at the 71<sup>st</sup> Annual Meeting of the College for Problems on Drug Dependence, Scottsdale, AZ.
- \*\***Carpenter, M.J.**, Alberg, A.J., Gray, K.M., Saladin, M.E., & Hughes, J.R. (2011 February). Cessation induction for unmotivated smokers: A randomized clinical trial of NRT sampling. Paper presented at the 17<sup>th</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Toronto, Canada.
- \*\*selected for SRNT New Investigator Award**
- Carpenter, M.J.**, Alberg, A.J., Gray, K.M., Saladin, M.E., & Hughes, J.R. (2011 February). Effectiveness of referrals to quitlines in a real-world setting. Poster presented at the 17<sup>th</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Toronto, Canada.
- Carpenter, M.J.**, Wahlquist, A.E., Alberg, A.J., Gray, K.M., & Saladin, M.E. (2011 February). To quit or not to quit: Reach and enrollment of a nationwide clinical trial. Poster presented at the 17<sup>th</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Toronto, Canada.
- \*Jardin, B. & **Carpenter, M.** (2011, February). A comparison of predictors of quit attempts and abstinence. Poster presented at the 17<sup>th</sup> Annual Meeting of the Society for Nicotine and Tobacco Research (SRNT), Toronto, ON.
- \*Schiller, C.E., Saladin, M.E., Gray, K.M., Shaftman, S.R., McCullough, S.A., Klintworth, E.M., Hartwell, K.J., &

- Carpenter, M.J.** (2011 February). Changes in ovarian hormones predict smoking cessation in women. Paper presented at the 17th annual meeting of the Society for Research on Nicotine and Tobacco, Toronto, Canada.
- Carpenter, M.J.** & Sterba, K.R. (2011 March). Closet quitting: Implications for smoking cessation. Poster presented at the 35th annual meeting of the American Society for Preventive Oncology, Las Vegas, Nevada.
- Carpenter, M.J.**, Jardin, B.F., & Wahlquist, A.E. (2011, September). NRT sampling for cessation induction: Moderating effects among sub-groups of smokers. Oral paper presented at the Annual Conference for Addiction Health Services Research, Fairfax, VA.
- \*Burris, J.L. **Carpenter, M.J.**, & Gray, K.M. (2012, March). A randomized clinical trial of prescribed smokeless tobacco use among unmotivated cigarette smokers: A pilot study. Poster to be presented at the 18<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Houston, TX.
- Carpenter, M.J.**, & Saladin, M.E. (2012, March). Adolescent occasional vs. daily smokers: Evidence for greater cue reactivity. Poster to be presented at the 18<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Houston, TX.
- \*Jardin, B.F., Cropsey, K.L., **Carpenter, M.J.**, Clark, C.B., & Hendricks, P.S. (2012, March). Abstinence-related expectancies among smokers with and without concern of HIV/AIDS exposure. Poster to be presented at the 18<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco, Houston, TX.
- Carpenter, M.**, Jardin, B., Alberg, A., Cummings, K., Gray, K., Andrews, J., Wahlquist, A. (2012, August). Interest in Smokeless Tobacco Among Smokers with No Current Interest in Quitting. Symposium presented at the National Conference on Tobacco or Health (NCTOH), Kansas City, MO.
- \*Jardin, B., & **Carpenter, M.** (2012, August). Sampling NRT for Cessation Induction: Is Motivation Necessary? Poster presented at the National Conference on Tobacco or Health (NCTOH), Kansas City, MO.
- \*Mathew, A.R., Boatright, A., Gray, K.M., Saladin, M.E., & **Carpenter, M.J.** Motives for smoking among early stage smokers. Poster presented at the 18<sup>th</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Boston, MA.
- \*Jardin, B.F., **Carpenter, M.J.**, Cummings, M.K., Burris, J.L., & Wahlquist, A. (2013, March). A pilot translational study of sampling NRT for cessation induction: Is motivation necessary? Poster presented at the 19th Annual Meeting of the Society for Nicotine and Tobacco Research (SRNT), Boston, MA.
- \*,\*\* Burris, J., Jardin, B., & **Carpenter, M.** (2013, March). A longitudinal, population-based study of Camel Snus in cigarette smokers unmotivated to quit. Poster presentation at the Society of Behavioral Medicine 34th Annual Meeting. San Francisco, CA.
- \*\*selected for SBM Poster Citation**
- Carpenter, M.**, Burris, JL, Wahlquist, AE, Garrett-Mayer, E, Gray, KM, Alberg, AJ & Cummings, KM (2014, February). Impact of snus use among U.S. smokers: Preliminary results from a nationwide randomized, naturalistic clinical trial. Oral Presentation at the 19<sup>th</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Seattle, WA.
- \*Burris, JL, & **Carpenter, M.** (2014, February). How smokers feel vs. what smokers know: A comparison of affective and cognitive attitude toward smoking as a predictor of smoking cessation outcomes in a longitudinal, population-based study. Oral Presentation at the 19<sup>th</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Seattle, WA.
- \*Mathew, AR, Burris, JL, Froeliger, BE, LaRowe, SD, Saladin, ME, & **Carpenter, MJ.** Impulsivity and cigarette craving among adolescent daily and occasional smokers. Poster presented at the 21<sup>st</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Philadelphia, PA.
- Carpenter, MJ**, Garrett-Mayer, E, Wahlquist, AE, Gray, KM, Alberg, AJ, Cummings, KM, & Burris, JL. Uptake of snus among smokers given a free sample. Oral Presentation at the 21<sup>st</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Philadelphia, PA.
- \*Hood, C.O., Burris, J. L., Mathew, A. R., Sterba, K. R., **Carpenter, M. J.** (2015, April). Posttraumatic growth, social support, and motivation to quit among tobacco-using cancer survivors. Poster presented at the 36th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Antonio, TX.

- \*Dahne, J, & **Carpenter MJ.** (2016, March). Geographic region and state tobacco excise tax as predictors of aided versus unaided cessation attempts. Poster presentation at the 22<sup>nd</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Chicago, IL.
- \*Meier, EM, **Carpenter MJ.** & Burris, JL. (2016, March). Perceptions of snus among US adult smokers given free product. Poster presentation at the 22<sup>nd</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Chicago, IL.
- \*Mathew, AR, Heckman, BW, Meier, E, & **Carpenter, MJ** (2016, March). Development and initial validation of the cessation fatigue scale. Poster accepted for presentation at the 22<sup>nd</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Chicago, IL
- \*Mathew, AR, Froeliger, B, Saladin, ME, Brown, RA, Hitsman, B, & **Carpenter, MJ.** (2016, March). Role of distress intolerance on motivation to quit and smoking lapse behavior in adult daily smokers. Testing addiction theory-based mechanisms of smoking behaviors: From clinical treatment to novel human laboratory paradigms. Symposium accepted for presentation at the 22<sup>nd</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Chicago, IL.
- \*Heckman, BW, **Carpenter, MJ**, Kasza, KA, Borland, R, Burris, JL, Fong, GT, McNeill, A, & Cummings, KM. (2016, March). Effectiveness of using the same versus different smoking cessation medication following relapse: Findings from the International Tobacco Control (ITC) four country survey. Oral paper presented at the 22<sup>nd</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Chicago, IL.
- Carpenter, MJ** (2016, April). Use of snus undermines quit attempts but not cessation: Results from a 1-year randomized clinical trial among U.S. smokers. Oral presentation at the National Smokeless and Spit Tobacco Conference, Albuquerque, NM.
- Carpenter, MJ** (2016, August). Naturalistic use and outcomes of sampling e-cigarettes: Results from two randomized pilot studies. Oral presentation at the American Psychological Association Annual Conference, Denver, CO.
- \*Dahne, J, Heckman, BW, **Carpenter, MJ.** (2017, March). Behavioral activation mediates the relationship between depression and quitting smoking, but not relapsing. Poster presentation at the 23<sup>rd</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Florence, Italy.
- Carpenter, MJ**, Heckman, BW, Wahlquist, AE, Boatright, A, Froeliger, B, Gray, KM, Cummings, KM. (2017, March). The naturalistic uptake and impact of e-cigarettes: Results from a pilot randomized trial. Oral presentation at the 23<sup>rd</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Florence, Italy.
- \*Dahne, J., Wahlquist, A.E., Garrett-Mayer, E., Heckman, B. W., Cummings, K.M., & **Carpenter, M.J.** (2018). Getting the most bang for your buck: The impact of state tobacco control policies on utilization of smoking cessation treatment. Accepted for oral presentation at the 2018 Annual Meeting of the South Carolina Tobacco-Free Collaborative. Columbia, South Carolina.
- \*Dahne, J., Lejuez, C. W., Ruggiero, K., Felton, J., Diaz, V., Player, M., Kustanowitz, J., & **Carpenter, M.J.** (2017). Development and pilot testing of a Behavioral Activation mobile app (“Moodivate”) for dissemination via primary care. In J. Dahne & K. Tomasino (Chairs), *Utilizing Technology-Based Interventions to Increase Access to Evidence-Based Treatments for Internalizing Disorders Across Diverse Populations and Settings*. Oral symposium at the 51<sup>st</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, San Diego, California.
- \*Dahne, J., Wahlquist, A.E., Garrett-Mayer, E., Heckman, B.W., Cummings, K.M., & **Carpenter, M. J.** (2017). Getting the most bang for your buck: The impact of state tobacco control policies on utilization of smoking cessation treatment. Accepted for oral presentation at the 17<sup>th</sup> annual Hollings Cancer Center research retreat, Charleston, South Carolina.
- \*Dahne, J., Wahlquist, A. E., Garrett-Mayer, E., Heckman, B.W., Cummings, K.M., & **Carpenter, M.J.** (2017). Individual-Level Moderators of the Relationship Between State Tobacco Policies and Evidence-Based Cessation Method Usage: Results from a Large, Nationally Representative Dataset. Poster presented at the National Conference on Tobacco or Health, Austin, Texas.
- \*Shoemaker, H., Dahne, J., Heckman, B.W., & **Carpenter, M.J.** (2017). The Interaction Between Depression and Social Anxiety as a Predictor of Motivation and Confidence to Quit Smoking. Poster presented at the 38<sup>th</sup> annual meeting of the Society of Behavioral Medicine, San Diego, California.
- \*Dahne, J., Wahlquist, A.E., Garrett-Mayer, E., Heckman, B.W., Cummings, K.M., & **Carpenter, M.J.** (2018). The Differential Impact of State Tobacco Control Policies on Cessation Treatment Utilization Across

- Established Tobacco Disparities Groups. Poster presented at the 24<sup>th</sup> annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, Maryland.
- \*Dahne, J., Lejuez, C.W., Felton, J., Diaz, V., Player, M., Kustanowitz, J., & **Carpenter, M.J.** (2018). Pilot randomized controlled trial of a Behavioral Activation mobile app (“Moodivate”) for the treatment of depressive symptoms among primary care patients. In J. Dahne & D. McNeil (Chairs), *Behavioral and Cognitive Science-Based Treatment: Harnessing Technology to Enhance Accessibility and Outcomes*. Symposium conducted at the 52<sup>nd</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, Washington, District of Columbia.
- \*Natale, N., Coles, L., Diaz, V.A., **Carpenter, M.J.**, & Dahne, J. (2018). Acculturation as a Predictor of Mental and Physical Health among Hispanic Adults with Elevated Depressive Symptoms. Poster presented at the 52<sup>nd</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, Washington, District of Columbia.
- Carpenter, M.J.**, Wahlquist, A.E., Davis, R., Dahne, J.R., Cummings, K.M., Gray, K.M., & Egan, B. (2019). Medication sampling to engage smokers: Initial results from a cluster randomized clinical trial in primary care practices. Symposium presented at the 25<sup>th</sup> annual meeting of the Society for Research on Nicotine and Tobacco, San Francisco, CA.
- \*Smith, T.T., Donny, E.C., Koopmeiners, J.S., White, C.M., Denlinger-Apte, R.L., Pacek, L.R., Hatsukami, D.K., Benowitz, N.L., & **Carpenter, M.J.** (2019). The impact of exclusive use of very low nicotine content cigarettes on compensatory smoking: An inpatient study. In J. E. Cohen (chair), Policy Research Network Symposium: Advancing the Tobacco Endgame. Symposium presentation at the Society for Research on Nicotine and Tobacco, San Francisco, CA.
- \*Smith, T.T., Heckman, B.W., Cummings, K.M., & **Carpenter, M.J.** (2019). The ratio of propylene glycol and vegetable glycerin within e-liquids: Impact on vaping reinforcement value and tobacco use patterns in current cigarette smokers. Poster presentation at the Society for Research on Nicotine and Tobacco, San Francisco, CA.
- \*Leavens, E.L.S., Smith, T.T., Natale, N., & **Carpenter, M.J.** (2020, March). Nicotine dependence and demand among pod-mod electronic cigarette users as a function of smoking status. Paper presented at the annual meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA.
- Carpenter, M.J.**, Wahlquist, A.E., Clark, J.T., & Dahne, J. (2020, March). Screening for Remote Clinical Trials: Methods to Enhance Participant Diversity. In **M.J. Carpenter** (Chair), Symposium: *Neither Home nor Away Innovative Methods for Remote Clinical Trials*. Symposium presentation at the Society for Research on Nicotine and Tobacco, New Orleans, LA.
- Dahne, J., Tomko, R., McClure, E., **Carpenter, M.J.** (2020, March). Development and evaluation of a low cost, remote method to biochemically verify smoking status. In **M.J. Carpenter** (Chair), Symposium: *Neither Home nor Away Innovative Methods for Remote Clinical Trials*. Symposium presentation at the Society for Research on Nicotine and Tobacco, New Orleans, LA.
- \*Leavens, ELS, **Carpenter, MJ**, Smith, TT, & Nollen, N. (2020, April). Exploratory evaluation of online brief education for JUUL use and prevention. Paper presentation at the annual meeting of the Association for Clinical and Translational Science, Washington D.C.
- \*Leavens, ELS, **Carpenter, M J**, Smith, TT, & Nollen, N. (February, 2021). Exploratory evaluation of online brief education for JUUL pod-mod use and prevention. Poster accepted for presentation at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- \*Hawes, ES, Wahlquist, AE, Dahne, J, Smith, TT, **Carpenter, MJ** (February, 2021). Changes in cessation fatigue among smokers in a medication sampling trial. Poster accepted for presentation at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.

\*trainees under direct supervision/mentorship

#### **EDITORIAL BOARDS**

- 4/2012 – present Journal of Behavioral Medicine, Editorial Board Member  
 4/2013 – present CNS Drugs, Editorial Board Member  
 1/2017 – present Journal of Tobacco Regulatory Science, Associate Editor  
 3/2019 – 10/2019 Invited Guest Editor for Themed Issue of *Nicotine & Tobacco Research: Clinical*

## Interventions to Increase Quit Attempts Among Smokers

**AD HOC JOURNAL REVIEWS** (ONGOING, PAST 5 YRS)

Addiction	JAMA
Addictive Behaviors	Journal of Consulting & Clinical Psychology
American Journal of Health Behavior	Journal of Smoking Cessation
American Journal of Epidemiology	Nicotine & Tobacco Research
American Journal of Preventive Medicine	Preventive Medicine
BMJ Open	Preventive Medicine Reports
Drug and Alcohol Dependence	Psychology of Addictive Behaviors
Drugs	Psychopharmacology
Health Education & Behavior	Tobacco Control
International Journal of Public Health	Tobacco Regulatory Science

Reviewer for *Treating Tobacco Use and Dependence* (USPHS Guidelines for Smoking Cessation) 2008

Reviewer for NCI Monograph: *Tobacco Use in the Context of Oncology Care and Survivorship* 2020-2021

**MENTORSHIP / STUDENT ADVISING EXPERIENCE****Psychology Interns – Primary Research Preceptor**

(through MUSC Dept of Psychiatry, Pre-Doctoral Psychology Internship Program):

Katherine Ryan (8/2009 – 7/2010) Doctoral degree conferred from University of Vermont  
Following position: Behavioral Specialist, MaineHealth, Center for Tobacco Independence

Bianca Jardin (8/2010 – 7/2011) Doctoral degree conferred from University of Albany  
Following position: Postdoctoral Fellow, MUSC (see below)

Jessica Burris (8/2011 – 7/2012) Doctoral degree conferred from University of Kentucky  
Following position: Postdoctoral Fellow, MUSC (see below)

Amanda Mathew (8/2012 – 7/2013) Doctoral degree conferred from University of Houston  
Following position: Postdoctoral Fellow, MUSC (see below)

Bryan Heckman (8/2013 – 7/2014) Doctoral degree conferred from Univ. of South Florida  
Following position: Postdoctoral Fellow → Assistant Professor, MUSC (see below)

Ellen Meier (8/2014 – 7/2015) Doctoral degree conferred from University of Oklahoma  
Following position: Postdoctoral Fellow, University of Minnesota

Jennifer Dahne (8/2015 – 7/2016) Doctoral degree conferred from Univ. of Maryland  
Grant Achievements (M. Carpenter, primary mentor): NIMH Small Business Technology Transfer (STTR) Grant (Subcontract Funded to MUSC through Univ. of Maryland): *Development and Testing of a Behavioral Activation Mobile Therapy for Elevated Depressive Symptoms*  
Following position: Postdoctoral Fellow → Assistant Professor, MUSC (see below)

Eleanor Leavens (8/2018 – 7/2019) Doctoral degree conferred from Oklahoma State University  
Following position: Postdoctoral Fellow, University of Kansas

**Postdoctoral Fellows & Junior Faculty– Primary Mentor**

Bianca Jardin (8/2011 – 6/2013)

Position upon leaving: Co-Director, Behavioral Health, Roper St. Francis Hospital

Grant Achievements (M. Carpenter, primary mentor):



## 1. National Lung Cancer Partnership Young Inv. Research Grant (submitted, unfunded)

Jessica Burris (8/2012 – 7/2014)

Position upon leaving: Assistant Professor, University of Kentucky

Grant Achievements (M. Carpenter, primary mentor):

1. NCI K07 Career Development Award (funded): *The Dynamics of Smoking Cessation After Cancer Diagnosis: A Naturalistic Study* (K07 CA181351; 09/01/14 – 08/30/19)
2. Loan Repayment Program (Funded)
3. Minority Supplement to R01CA154992-01 (funded but refused: change of institution)

Amanda Mathew (8/2013 – 8/2015)

Position upon leaving: Research Assistant Professor, Northwestern University

Grant Achievements (M. Carpenter, primary mentor):

1. NIDA F32 Individual Postdoctoral Award (funded): *Distress Intolerance on Smoking Lapse Among Motivated vs. Unmotivated Smokers* (1F32DA036947; 8/12/14 – 8/11/16)
2. Loan Repayment Program (Funded)

Bryan Heckman (8/2014 – present)

Grant Achievements (M. Carpenter, primary mentor):

1. Loan Repayment Program (Funded)
2. K12 Institutional Career Development Award (Funded): *Personalized Smoking Relapse Prevention via Just-in-Time-Adaptive Interventions*
3. American Cancer Society, Institutional Review Grant (IRG) (Funded): *Geospatial Innovations to Enhance Precision Medicine for Tobacco Control*
4. NIDA K23 Career Development Award (Funded): *Personalized Smoking Relapse Prevention Delivered in Real-Time via Just-in-time Adaptive Interventions* (K23 DA041616; 2/1/2017 – 1/31/2022).

Jennifer Dahne (8/2015 – present)

Grant Achievements (M. Carpenter, primary mentor):

1. Loan Repayment Program (Funded)
2. NIMH Small Business Technology Transfer (STTR) R41 Grant (Subcontract Funded through Univ. of Maryland): *Development and Testing of a Behavioral Activation Mobile Therapy for Elevated Depressive Symptoms*
3. NIMHHD (STTR) R41 Grant: *Development of a Behavioral Activation Mobile App for Depressed Latinos*  
NOTE: both R41 grants are technically under my name but Dr. Dahne is principal force behind both (as postdoc she was unable to be PI)
4. NIDA K23 Career Development Award (funded): *Development and Testing of a Depression-Specific Behavioral Activation Mobile App Paired with Nicotine Replacement Therapy Sampling for Smoking Cessation Treatment Via Primary Care* (K23 DA045766; 4/1/2018 – 3/31/2023)
5. American Cancer Society Institutional Research Grant (ACS IRG) (funded): *Development and Evaluation of a Low Cost, Remote Method to Biochemically Verify Smoking Status*

Tracy Smith (8/2017 – present)

Grant Achievements (M. Carpenter, primary mentor):

1. NIDA R03 (funded): *Impact of Exclusive Use of Low Nicotine Cigarettes on Compensatory Smoking* (independent funding; informal mentor role)
2. MUSC Internal Pilot funding (funded): *The impact of e-liquid components on product appeal, reinforcement value, and tobacco use patterns*
3. NIDA K12 (funded): *Impact of e-cigarette characteristics on reinforcement and tobacco use patterns among current smokers*

4. NIDA K01 Career Development Award K12 (funded): *Impact of e-cigarette characteristics on reinforcement and tobacco use patterns among current smokers*

### **Postdoctoral Fellows & Junior Faculty– Secondary Mentor**

Alana Rojewski (9/2017 – present)

Grant Achievements (M. Carpenter, secondary mentor):

1. NCI K07 (funded): *Tobacco Treatment in the Context of Lung Cancer Screening* (K07 CA214839; 9/18/2017 – 8/31/2022).

### **Other Mentoring, Non-Recurring**

#### Medical Students

Nathaniel Silvestri: 1<sup>st</sup> year med student, MUSC (summer 2018)

#### Master of Science in Clinical Research (MSCR) – Global Program; Medical University of South Carolina (MUSC) & Institute of Clinical Research India (ICRI)

##### Primary Mentor:

Anusha Chakravarthi (Fall 2011 / Spring 2012)

Aditya Reddy Gadiko (Fall 2011 / Spring 2012)

#### Drug Abuse Research Training (DART) Program – Primary Mentor

Amy Brown, Summer Fellow (2010)

#### Thesis Committees

Jill Nonemaker (Summer, Fall 2007)

Dept of Biostatistics, Bioinformatics, and Epidemiology, MUSC (Masters Science)

Maribeth Porter, MD (Fall, Spring 2014-2015)

Dept. of Family Medicine, MUSC (MSCR Program)

Xingbao Li (Spring- Summer 2019)

Dept of Psychiatry, MUSC (MSCR Program)

#### Doctoral Dissertation Committee

Spencer Bell (2016 – 2017)

Dept of Neurosciences, MUSC

Elias Klemperer (2016 - 2018)

Dept of Psychology, University of Vermont

Stephanie Jones (2019-2021)

Dept of Public Health Sciences, MUSC

#### Research Supervision / Undergraduate Work Study Students

Amy Boatright (Program Coordinator: 2007 – present)

Lindy McQuinn (Fall 2007, Spring 2008)

Nicky Thornley (1/2008 – 6/2011)

Liz Byrd (9/2008 – 5/2011)\*\*

Diana Rivera (Summer 2009 - Summer 2010)

Dakota Hadley (Summer 2009 - Spring 2010)\*

Michelle Byczkiewicz (Summer 2009 – Spring 2010)

Easha Tiwari (7/2011 – 7/2012)\*\*

Kelly Hampton (9/2011 – 8/2012)\*\*\*

Caroline (Callie) Osbourne (Fall 2011, Spring 2012)\*

Priscillia White (Spring, Summer 2012)\*\*

Kara Krunkleton (Summer, Fall 2012)\*\*\*

Nichols Mabry (1/2013 – 7/2015)\*\*

Caitlyn Hood (5/2013 – 7/2016)\*\*  
 David Washington (Summer, Fall 2013)\*  
 Kathleen Anderson (Summer, Fall 2013)  
 Trish Rein (Fall 2014, Spring 2015)\*  
 Julisa Tindall (12/2015 – 2/2016)  
 Daijah Thibodeau (summer 2017)\*\*  
 Hannah Shoemaker (7/2015 – 7/2017)\*\*  
 Lisa Coles (6/2017 – present)  
 Noelle Natale (6/2017 – 6/2019)\*\*  
 Devin McSween (6/2018 – 9/2019)  
 Delaney Wallace (10/2018 – 6/2019)  
 Elizabeth Hawes (6/2019 – 7/2021)\*\*  
 Karolina Kazlauskaitė (6/2019 – 7/2020)  
 Gabby Mullins (2/2020 – present)  
 Tatiana Myers (6/2021 – present)

\*medical/PA or \*\*graduate or \*\*\*nursing school immediately following

## **TEACHING & EDUCATIONAL ACTIVITIES**

### MUSC Psychology Internship Program

1/2007 – present    Research Preceptor

### Various Lectures on Smoking Cessation & Tobacco Control, MUSC – each recurrent annually

2/2016 – 3/2018    Guest Lecture: College of Health Professions, Division of Physical Therapy (D. Sword, PT, DPT)  
 4/2010 – 4/2016    Introduction to Global Public Health (A. Selassie, PhD)  
 4/2010 – 6/2019    College of Dental Medicine: Graduate Dental CORE Course (J. Krayner, DDS)  
 4/2010 – 9/2018    College of Dental Medicine (R. Albenesius, DDS & J. Borckardt, PhD)  
 11/2007 – 10/2010    Dept of Psychiatry, Behavioral Medicine Intern Rotation (J. Borckardt, PhD)  
 11/2007 – 9/2011    College of Dental Medicine: Preventive Dentistry (S. Reed, DrPH, DDS)  
 7/2007 – 7/2008    College of Dental Medicine: Clinical Diagnostics Conference (A. Chi, DMD)  
 2/2007 – 4/2015    Guest Lecture in Cancer Epidemiology (A. Alberg, MPH, PhD; K. Sterba, PhD; K. Wallace, PhD) – *recurrent semi-annually*  
 6/2006 – 6/2010    Consultant for MUSC Smoking Cessation Support Group, Dept of Psychiatry  
 7/2003 – 5/2006    Guest Lecture: Senior Psychiatry Clerkship (4<sup>th</sup> yr College of Medicine Students)

### Grant Writing

10/2011 – present    Psychology Internship Didactics – *recurrent annually*

### Clinical Ethics

8/2008 – 4/2010    Preceptor, Introduction to Clinical Ethics (2<sup>nd</sup> yr College of Medicine Students)

### Doctoring Curriculum

8/2007 – 4/2008    Preceptor, Doctoring Curriculum (1<sup>st</sup> yr College of Medicine Students)

### Miscellaneous

3/2012 – 4/2013    Testing Behavioral Interventions with Randomized Clinical Trials (L. King, PhD: MUSC)  
 4/2007    Guest Lecture: Health Behavior and Epidemiology (K. Rodgers, PhD: MUSC)  
 8/2002 – 11/2002    Behavioral Medicine Grand Rounds (co-led w/ S. Rehman, MD: MUSC)  
 8/2002 – 11/2002    Senior Psychiatry Clerkship (co-led w/ W. Hiott, MD: MUSC)  
 8/2001    Guest Lecture: Drug Abuse Treatment (F. Guaracci, PhD: Dartmouth College)  
 5/2001 – 6/2001    Graduate Teaching: Abnormal Psychology (co-taught w/ W. Copeland: University)

	of Vermont)
2/2001	Guest Lecture: Treatment and Prevention of Smoking (S. Solomon, PhD: University of Vermont)
6/2000	Guest Lecture: Tobacco/ Nicotine: Health Policies (M. Coe, , MA: University of Vermont)
7/1999	Guest Lecture: Heroin Abuse: Research and Treatment Considerations (R. Riggs, MA: University of Vermont)
9/1994 – 12/1995	Teaching Asst: SPSS & Research Methods (M. Sherman, PhD, Loyola College)

**INSTITUTIONAL SERVICE**

1/2008 – 2010	Member, Prevention Task Force
9/2003 – 2010	Vice Chair, Prevention Task Force South Carolina Cancer Alliance
2/19/2007	Guest reviewer, MUSC College of Nursing, Research for Lunch Mock grant review of “A Social Ecological Based, Multi-Level Smoking Cessation Intervention in Public Housing” (PI: J. Andrews, PhD)
5/2007 – 10/2011	Member, Search Committees for HCC Cancer Prevention and Control (Cancer Control Specialist, Cancer Epidemiologist)
9/2007 – 5/2011	Coordinator, HCC Cancer Prevention and Control Journal Club
8/2007 – 4/2008	Preceptor, Doctoring Curriculum; Small group discussion leader College of Medicine, MUSC
9/2007 – 9/2011	Chair, Hollings Cancer Center Advisory Committee for Biostatistics and Clinical Trials Shared Resources
8/2008 – 2/2011	Member, CTRC (previously GCRC) Scientific Advisory Committee, Medical University of South Carolina
9/2008 – 2009	Member, Search Committee for Hollings Cancer Center Biostatistician (Department of Biostatistics, Bioinformatics, and Epidemiology)
4/7/2009 - present	Annual presentation to DART (Drug Abuse Research Training) Trainees Strategies for an Effective Oral & Poster Presentation; K-Award Panels; Lab Management; Time Management ( <i>recurrent annual</i> )
4/2009 – 5/2009	Inservice presentations (3) to MUSC Dept of Psychiatry (Residents, Attendings, Nurse Case Mngrs, etc): Implementation of smokefree IOP.
7/2009 – 7/2014	Hollings Cancer Center, Protocol Review Committee: Ad Hoc Reviewer
9/2009 – 9/2012	Member, Hollings Cancer Center Disparities Board
12/2009 – 6/2019	Founder & Coordinator, South Carolina Tobacco Research Interest Group (SC TRIG): monthly discussion of transdisciplinary tobacco research, grant development.
5/2010 – 3/2011	Member, Search Committee for Hollings Cancer Center Biostatistician (Department of Medicine, Division of Biostatistics and Epidemiology)

9/2012 – 10/2015	Member, MUSC Clinical Tobacco Cessation Oversight Committee, to develop Hospital-wide, proactive smoking cessation service (TelAsk). Purpose: to enroll all patients in a prospective, telephone based counseling service, in support of Joint Commission Tobacco Assessment.
2/2012 – present	MUSC SCTR Pilot Grant: Ad Hoc Reviewer
1/2013 – 1/2015	co-Chair, Addiction Sciences Program re-organization effort. Purpose: to integrate all addiction related activities within the MUSC Dept. of Psychiatry within one unit (merger of both Clinical Neurosciences Division and Center for Drug and Alcohol Programs)
	1/2015 – 5/2015: Chair, Addiction Sciences Website Redesign Committee
	6/2015 – 1/2017: co-Chair, Addiction Sciences Director Search Committee
7/2014 – present	MUSC, Department of Psychiatry & Behavioral Sciences Appointment, Promotion and Tenure Review Committee
9/2015 – 12/2016	Member, Information Security Committee, MUSC
12/2015 – 4/2016	Member, Director of MUSC Office of Research Integrity Search Committee, MUSC
1/2016 – 6/2020	Member, Clinical and Translational Research Action Committee (CTRAC); MUSC
10/2016 – 5/2019	Member, MUSC Research Communications Committee
8/2017 – present	Hollings Cancer Center, Protocol Review Committee: Ad Hoc Reviewer
10/2018 – present	MUSC, College of Medicine Bylaws Committee <u>Chair</u> , COM Nominations and Elections Committee
9/2018 – present	MUSC Clinical and Translational Science Award (CTSA): Pilot Program for Remote Clinical Trials
3/2019 3/2021	Arrow / Women's Scholar Initiative: Reviewer of Promotion Applicants
12/2019 – 1/2021	Member, Search Committee for Hollings Cancer Center Biostatistics Core Director (Department of Medicine, Division of Biostatistics and Epidemiology)
12/2019 – present	Member, MUSC Dept of Psychiatry Faculty Mentorship and Development Committee

**CONSULTING / HONORARIA**

2006	CKPR Marketing; Glaxo-SmithKline Expert consultant for "Nicorette Fruit Chill Million" campaign
5/2007	Edelman Public Relations / Health Canada Expert consultation for "Reduce-to-Quit" campaign
2009	Florida Department of Health; Select Health of South Carolina; University of Rhode Island; University of Minnesota
10/2009 – 11/2009	Select Health of South Carolina Smoking Cessation Group

2010 Washington University; University of Minnesota  
 2018, 2019 Pfizer Smoking Cessation  
 2020 Frutarom, Inc.

**MEDIA EXPERIENCE**

4/19/2006 Smoking Cessation Satellite Media Tour – 25 satellite television/radio interviews (incl. 1 national television and 2 national radio)  
 6/16/2006 WCSC Live Five News (TV), WCIV ABC (TV), WTMA (Radio) – Air Quality Testing Report, in collaboration with South Carolina Tobacco Collaborative and Smokefree Lowcountry  
 7/2008 Coverage of Charleston Air Quality Testing Project: Post and Courier (front page 7/30/08); USA Today (7/30/08); SC Radio News Network (7/30/08) South Carolina Public Radio  
 1/2009 Savage Report (Comcast Cable Network) – New Years Resolution and Smoking  
 5/2010 Cigarette Taxation, expert commentary (local ABC News affiliate)  
 1/2013 Various interviews: smoking, smoking cessation, alternative products: *Your Day SC*  
 5/2014 Public Radio (statewide), some picked up for National (NPR)  
 10/2015  
 1/2017  
 1/2016 Quit & Win Smoking Cessation: Live On-Air 105.5 The Bridge Radio  
 1/2018 WGBH Boston: Radio interview: E-Cigarettes  
 1/2018 Charleston Post & Courier: E-cigarettes  
 5/2018 E-cigarettes: A win or loss for public health? Interview for online science magazine: *Knowable*  
 5/2019 Local Fox News: Smoking Cessation  
 9/2019 *Teens, Vaping & Health*, SC Public Radio  
 10/2019 *Vaping & E-Cigarette Regulation* (WCBD/local NBC affiliate)

**COMMUNITY SERVICE**

8/2003 South Carolina African American Tobacco Control Network (SCAATCN)  
 Newsletter article: *Quitting Smoking– Why is it So Difficult?*  
 1/2005 – 1/2012 Smoke Free Charleston Initiative  
 Local and national media coverage of Air Quality Testing Project (see above)  
 3 Letters to Editor (Post & Courier; Charleston City Paper)  
 Air Quality Testing (consultant)  
 Advocacy within City/County Council (testimony offered at 10+ city council meetings)

- 3/2005 – 10/2006 Smoking Cessation Clinic  
MUSC, Dept of Psychiatry Monthly Smoking Cessation Group Leader
- 5/2005 *Cigarette Smoking Among Adolescents* Community presentation given to 9-11<sup>th</sup> grade students at Ashley Hall Preparatory School
- 12/5/2006 MUSC Smoking Ban Panel: Expert Panelist
- 2/17/2007 Presentation to Quit & Win  
(smoking cessation contest sponsored by SC DHEC)
- 3/21/2009 Fit and Fun (Charleston Jaycees Community Event): Successful Strategies for Quitting Smoking
- 6/18/2010 Health Risks of Smoking  
Basketball Health Awareness Camp  
Burke High School, Charleston SC
- 2/2010 – 12/2012 Member, Coordinating Council  
Member, Council/Board Liaison Committee  
South Carolina Cancer Alliance
- 12/2010 – 6/2015 Board Member & Vice President, Smokefree Lowcountry
- 12/2015 Presentations to Lowcountry Leadership Charter (LLC) and North Charleston High School: Nicotine and Substance Abuse / Addiction
- 4/2017 Presentation at Science Café, Charleston, SC.
- 10/2019 Professional testimony to Joint Citizens and Legislative Committee on Children (JCLCC): Vaping among youth
- 02/2020 MUSC College of Nursing Lunch and Learn: Vaping

Various Community / School Lectures on Vaping / E-Cigarettes

- 10/2018 Drug & Alcohol Talk: Boy Scouts Troop 20, Mt. Pleasant SC
- 12/2018 E-Cigarettes & JUUL: Presentation to Ashley Hall School, Charleston SC
- 8/2019 E-Cigarettes & JUUL: Presentation to Bishop England H.S., Daniel Island SC
- 10/2019 E-Cigarettes & JUUL: Presentation to Palmetto Christian Academy, Mt. Pleasant SC
- 2/2020 E-Cigarettes & JUUL: Presentation to James Island Charter School, James Island SC