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Curriculum Vitae

MICHAEL S. BUSINELLE, Ph.D.

Peggy and Charles Stephenson Endowed Chair in Cancer

Oklahoma Tobacco Research Center

Department of Family and Preventive Medicine

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## **EDUCATION & TRAINING**

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| 07/2007–12/2009 | Postdoctoral Fellowship in Cancer Prevention ResearchThe University of Texas MD Anderson Cancer Center, Houston, TX |
| 08/2007 | Doctor of Philosophy in Clinical Psychology (APA Accredited)Louisiana State University, Baton Rouge, LA  |
| 07/2006–06/2007 | Internship in Clinical Psychology (APA Accredited)The University of Mississippi Medical Center & G. V. (Sonny) Montgomery Veterans Affairs Medical Center, Jackson, MS  |
| 08/2003 | Master of Arts in Clinical PsychologyLouisiana State University, Baton Rouge, LA |
| 08/1999–05/2001 | Experimental Psychology Masters Student University of Louisiana – Lafayette, Lafayette, LA |
| 12/1996 | Bachelor of ScienceUniversity of Southwestern Louisiana, Lafayette, LA |

## **CURRENT POSITIONS**

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| --- | --- |
| 10/2015 – present | Associate Professor (Tenured in 2019)Department of Family and Preventive MedicineOklahoma Tobacco Research CenterUniversity of Oklahoma Health Sciences Center, Oklahoma City, OK |
| 5/2019 – present | Co-DirectorOklahoma Tobacco Research CenterNCI Designated Stephenson Cancer Center, Oklahoma City, OK |
| 10/2015 – present | MemberCancer Prevention and Control Program (Interim CPC Co-Leader May 2019)NCI Designated Stephenson Cancer Center, Oklahoma City, OK |
| 10/2015 – present | Scientific DirectormHealth Shared ResourceNCI Designated Stephenson Cancer Center, Oklahoma City, OK **I was recruited to the OUHSC in October 2015 to develop and direct the SCC Mobile Health (mHealth) Shared Resource. The mHealth resource is staffed by 4 programmers, a program manager, and a research technician. In the past 3 years, we have developed the InsightTM mHealth platform. The InsightTM platform enables researchers to rapidly create mobile applications that can utilize ecological momentary assessments (EMA) and sensor data (i.e., activity monitor, mobile carbon monoxide monitor, pill bottle cap) to identify environmental, cognitive, affective, physiological, and behavioral antecedents of cancer risk behaviors (e.g., smoking, heavy alcohol use, poor diet / inactivity / obesity, etc.) and deliver context-specific adaptive interventions in real-time. The mHealth resource currently supports 40 projects: 10 NIH R01s, 1 NIH U01, 3 NIH R34s, 2 NIH R21s, 2 NIH R01 Supplement, 1 K99/R00, 1 K01, and 20 other studies (2 studies collect data outside the US – Cambodia, and Scotland).** |
| 4/2018 – present | Adjunct Associate ProfessorUniversity of Texas School of Public HealthDallas, TX |

**BOARDS & CERTIFICATIONS**

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| 2009–present | Licensed Psychologist (License# 34064), Texas  |
| 1999–2001 | Board Certified Substance Abuse Counselor, Louisiana  |

## **PREVIOUS POSITIONS**

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| 03/2010 – 10/2015 | Assistant Professor (tenure track)Department of Health Promotion & Behavioral Sciences University of Texas School of Public Health, Dallas Regional Campus, Dallas, TX  |
| 04/2010 – 03/2016 | Member Population Science & Cancer Control Program Harold C. Simmons Comprehensive Cancer Center University of Texas Southwestern Medical Center, Dallas, TX |
| 05/2013 – 03/2016 | Adjunct Assistant ProfessorDepartment of Clinical Sciences, Division of Community Health SciencesUniversity of Texas Southwestern Medical Center, Dallas, TX |
| 07/2006–06/2007 | Clinical Psychology Resident G. V. (Sonny) Montgomery Veterans Affairs Medical Center & The University of Mississippi Medical Center, Jackson, MSMentors: Jefferson Parker, Ph.D. & Randy Burke, Ph.D. |
| 08/2001–05/2006 | Graduate Research Assistant Louisiana State University, Baton Rouge, LAMentors: Amy L. Copeland, Ph.D. & W. Drew Gouvier, Ph.D. |
| 08/2001– 05/2006 | Graduate Student Therapist Baton Rouge Mental Health Center, Baton Rouge, LA |
| 08/2001–05/2006 | Graduate Student Therapist Psychological Services Center, Louisiana State University, Baton Rouge, LA |
| 05/2003–03/2006 | Project Coordinator Pennington Biomedical Research Center (NIA grant U01AG020478, Baton Rouge, LAMentor: Paula Geiselman, Ph.D. |
| 09/2004–11/2004 | Graduate Student Therapist Capital Area Recovery Program, Baton Rouge, LA |
| 01/2004–05/2004 | Graduate Student Therapist Neuropsychology Clinic, Earl K. Long Hospital, Baton Rouge, LA  |
| 01/2003–12/2003 | Graduate Student TherapistCapital Area Center for Addictive Disorders, Baton Rouge, LA  |
| 05/2002–08/2002 | Graduate Research AssistantPennington Biomedical Research Center, Baton Rouge, LAMentors: Paula Geiselman, Ph.D. & Amy L. Copeland, Ph.D. |
| 02/2000–08/2001 | Louisiana State Board Certified Substance Abuse Counselor New Iberia Drug Court Program, New Iberia, LA |
| 09/1999–08/2001 | Louisiana State Board Certified Substance Abuse Counselor Alternative Outpatient Services, Lafayette, LA |
| 11/1999–05/2001 | Graduate Research Assistant University of Louisiana – Lafayette, Lafayette, LAMentor: David Greenway, Ph.D. |
| 01/1997–08/1999 | Counselor in Training Fairview Outpatient Treatment Center, Morgan City, LA |

#### PROFESSIONAL AFFILIATIONS

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| 2017–present  | Society of Behavioral Medicine |
| 2015–2016 | American Academy of Health Behavior  |
| 2002–present | Society for Research on Nicotine and Tobacco |
| 2010–2015 | Center for Health Promotion & Prevention Research, University of Texas School of Public Health |
| 2008–2012 | Division on Addictions, Division 50 of the American Psychological Association  |
| 2003–2012 | Association for Behavioral and Cognitive Therapies  |
| 2000–2012 | American Psychological Association |
| 2005–2006 | American Association for the Advancement of Science |
| 2003–2006 | Psychology Graduate Association – Treasurer  |

#### AWARDS & HONORS

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| 2015 | Award for Excellence in Community Service, University of Texas School of Public Health  |
| 2008–2014 | National Institutes of Health Loan Repayment Program |
| 2011 | Together, We Can Award, The Bridge Homeless Assistance Center, Dallas, TX  |
| 2009 | Outstanding Postdoctoral Trainee in Cancer Prevention Award, The University of Texas MD Anderson Cancer Center |
| 2008 | Bayer HealthCare Pharmaceuticals, Inc. Award Finalist: Postgraduate Population/Patient-Oriented Research, The University of Texas MD Anderson Cancer Center  |
| 2006 | Psychology Department Dissertation Research Award, Louisiana State University |
| 2001–2005 | Graduate Enhancement Award, Louisiana State University  |
| 2002, 2004, 2005 | Psychology Departmental Travel Award, Louisiana State University |
| 1994 | SDS Nursing Scholarship, University of Southwestern Louisiana |
| 1992–1995 | T. H. Harris Scholarship, University of Southwestern Louisiana |
| 1992 | Rotary Club Scholarship, University of Southwestern Louisiana |
| 1992 | Beta Club Scholarship, University of Southwestern Louisiana |
| 1992 | University of Southwestern Louisiana Engineering Scholarship |

**CURRENT RESEARCH SUPPORT**

**Principal Investigator**

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| 1. **R01CA221819** (PI: Businelle)02/01/2019-01/31/2024

NIH/NCI (Clinical Trials#: NCT03740490)*Smartphone Based Smoking Cessation Intervention for Socioeconomically Disadvantaged Adults*This study (N=450) will compare the longer-term effects of the Smart-T smoking cessation app with the free and publically available NCI QuitGuide smoking cessation app (Aim 1). The second aim will determine if Smart-T messages that are tailored to address key smoking lapse risk variables in real-time (i.e., urge, stress, cigarette availability, cessation motivation) reduce participant ratings of these lapse risk variables compared with similar situations that do not receive this tailored content (QuitGuide group).*Direct & Indirect:* $2,695,044 (Direct: $1,858,651)Effort: 23.3%1. **R01MD010733** (PIs: Businelle & Reingle) 09/26/2017-05/31/2022

 NIH/NIMHD (Clinical Trials#: NCT03399500) *mHealth to Increase Service Utilization in Recently Incarcerated Homeless Adults* This 3-armed randomized clinical trial will use an innovative smartphone application to identify and address barriers that prevent recently incarcerated homeless adults from obtaining available case management, crisis management, substance abuse, and mental health services. *Direct & Indirect:* $3,326,084 (Direct: $2,627,219) Effort: 25% |
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| 1. **R34AA024584** (PIs: Businelle & Walters) 06/01/2018–05/31/2020
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| NIH/NIAAA (Clinical Trials#: NCT03746808) |
| *Development and Testing of a Just-in-Time Adaptive Smart Phone Intervention to Reduce Drinking**among Homeless Adults* |
| The aims of this study are to identify predictors of heavy drinking and develop and test a just-in-time adaptive intervention to prevent heavy drinking days in a sample of homeless adults with Alcohol Use Disorder.*Direct & Indirect:* $665,384 (Direct: $515,108)Effort: 15% |

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| 1. **TSET 092-016-0002** (PIs: Businelle & Kendzor) 07/01/2019–06/01/2020

*Oklahoma Tobacco Research Center**Direct & Indirect:* $3,800,000 (Direct: $3,454,545)Effort: 5%1. OUHSC Pilot Funds (PI: Businelle; NCT03405129)06/01/2018–05/31/2020

*Project Phoenix: Pilot Intervention for Smokers Who Are Not Ready to Quit Smoking*The primary long-term objective of this research is to increase smoking cessation attempts and reduce smoking relapse through the use of automated phase based mobile smoking cessation interventions. The primary short-term objective of this pilot study is to determine the initial utility of the novel Phoenix smartphone based smoking cessation app.*Direct & Indirect:* OUHSC funds1. OUHSC Pilot Funds (PI: Businelle & Funk-Lawler)

*Project Persist: mHealth for Cancer Survivorship*This pilot randomized controlled trial (RCT) will assess the initial feasibility of a phone-delivered intervention for anxiety and depressive symptoms among cancer patients that are receiving active radiation treatments. A total of 60 participants will be randomized to in-person and smartphone-based assessment only (n=30) or assessment plus smartphone-based intervention (n=30).  |

**Co-Investigator**

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| 1. **R01 DA047181-01** (PI: D. Vidrine) 09/01/2019-08/31/2024

*Automated Video-Assisted Smoking Treatment for People Living with HIV*Our overall goal of this project is to determine if automated smartphone-based treatment performs better than the more resource intensive standard in person treatment approach.Effort: 5%1. **R01CA231952** (PIs: D. Vidrine & J. Vidrine) 04/01/2019–03/31/2024

NIH/NCI*Partnering with a State Food Bank to Provide Tobacco Treatment to Underserved Smokers*The overall goal of this project is to collaborate with a large food bank to evaluate the efficacy and economic impact of a theoretically-based, fully automated, interactive smartphone-based smoking cessation intervention.Effort: 4%1. **P30 CA225520**(PI: Mannel; Businelle: Director mHeath Shared 05/01/2018–04/30/2023

Resource)NIH/NCI*Stephenson Cancer Center – Cancer Center Support Grant* Dr. Businelle is the Scientific Director of the NCI designated Stephenson Cancer Center mHealth Shared Resource. The shared resource enables researchers to rapidly create mobile applications that identify environmental, cognitive, affective, physiological and behavioral antecedents of cancer risk behaviors (e.g., smoking, heavy alcohol use, poor diet, inactivity, obesity, etc.) and deliver context-specific adaptive interventions in real time.Total Direct: $7,000,000Effort: 10% |
| 1. **U01 DA045537** (PI: Wagener) 8/01/2018–07/31/2020

NIH/NIDA*Switching to the SREC: Evaluating Risk Reduction among Quitline Treatment Failures*The specific aims of this project are: 1) to assess nicotine SREC vs. placebo SREC on product switching/substitution, craving/withdrawal, abuse liability, number of cigarettes smoked, and perceived nicotine dependence, 2) to evaluate changes in biomarkers of tobacco constituent exposure and physiological effects, and 3) to evaluate which e-cigarette device characteristics and perceived effects influence complete (vs. partial or no substitution).*Total Direct ($998,213) and Total Costs ($1,489,354)*Effort: 7.5%1. **R01CA197314** (PI: Kendzor) 07/08/2015–06/30/2020
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| NIH/NCI |
| *Small Financial Incentives to Promote Smoking Cessation in Safety Net Hospital Patients*This randomized clinical trial will examine the longer-term effects of offering small financial incentives for confirmed smoking abstinence in safety-net hospital patients who are seeking smoking cessation treatment. In addition, traditional and ecological momentary assessments will be used to identify antecedents of smoking lapse.*Total Direct ($1,127,995) and Total Costs ($1,619,450)*Effort: 5% |
| 1. **R21DA046333** (PIs: Wagener & Villanti) 09/15/2018–08/31/2020

NIH/NIDA*Addiction and Behavior Related to Menthol Cigarette Substitutes*This study will address an important gap in the menthol cigarette literature as to how alternative menthol tobacco products may serve as substitutes for menthol cigarettes in the context of a menthol ban in cigarettes and potentially undermine public health.*Total Direct Costs:* $427,742Effort: 4% |
| 1. **Project SmartPath** (PI: Kendzor)09/01/2016–08/31/2019

OUHSC Pilot Funds*Evaluation of a Smartphone Intervention to Reduce Sedentary Behavior*The aims of the study are to 1) evaluate the efficacy of a “real-time” smartphone intervention that works in conjunction with a wearable activity monitoring device to reduce sedentary time via smartphone prompts during prolonged sedentary bouts (relative to 2 comparison groups [AO and EQ]) and 2) to identify treatment mechanisms and contextual factors associated with sedentary behavior using traditional and ecological momentary assessment approaches.*Direct & Indirect:* OUHSC funds1. **Grant/Contract Number: WI246498** (MPIs: Kendzor & Hébert) 12/15/2018–12/14/2020

OUHSC Pilot Funds and Pfizer (medication)*A comparison of the effectiveness of combination varenicline and oral nicotine**replacement therapy versus varenicline alone for smoking cessation: A pilot study*This pilot study will provide information regarding the feasibility, acceptability, and preliminary efficacy of combination varenicline and oral NRT for smoking cessation, which will support an NIH funding application for a larger, adequately powered study.*Total Costs ($150,000)*Effort: in kind **Consultant** |
| 1. **R01NR017837** (PI: Santa Maria) 01/01/2019–05/31/2023

NIH/NINR *Come As You Are - Assessing the Efficacy of a Nurse Case Management HIV Prevention and Care Intervention among Homelessness Youth*This study is a randomized controlled trial of an enhanced Nurse Case Management intervention that will be delivered over 3 months to assess its impact on HIV risk behaviors.*Total Costs:* $3,085,854 |
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**Mentor**

1. **R01CA221819-01A1S1** (PI: Businelle) 09/01/2019-01/31/2021

*The Application of a Smartphone-Based Smoking Cessation Tool with American Indian Adults*

This NCI Diversity Supplement will support **Dr. Ashley Cole’s** development into an independent reseacher. This study involves qualatative examination of ways the Smart-T3 app can be culturally tailored for American Indian smokers seeking smoking cessation treatment.

*Total costs:* $327,562

*Role:* Mentor

1. **K01HL148907** (PI: Alayna P. Tackett) 08/21/2019-07/31/2024

NIH/NHLBI

*Respiratory effects of E-Cigarette use among Youth: A prospective, longitudinal investigation*

This Tobacco Regulatory K01 will provide much needed evidence regarding the immediate and longitudinal respiratory/pulmonary effects of youth electronic cigarette use.

*Total costs:* $963,190

*Role:* Mentor

1. **K99DA046564** (PI: Emily Hébert) 03/01/2019–02/28/2021

NIH/NIDA

*Using Machine Learning to Develop Just-in-Time Adaptive Interventions for Smoking Cessation*

*Direct & Indirect:* $179,883

*Role:* Primary mentor

1. **F31DA047015** (PI: Samantha Schiavon) 07/01/2018-05/31/2021

NIH/NIDA

*Balanced Placebo Design with Varenicline: Pharmacological and Expectancy Effects on Medication Adherence*

This double-blind placebo controlled trial is designed to differentiate expectancies

versus pharmacologic mechanisms of varenicline administered to treatment-seeking smokers.

*Direct Costs*: $102,223

*Role:* Mentor

**COMPLETED RESEARCH SUPPORT**

**Principal Investigator**

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| 1. OUHSC Pilot Funds (PI: Businelle; NCT02930200) 09/01/2016–08/31/2018

*Pilot Randomized Clinical Trial of an Automated Smartphone based Smoking Cessation Treatment*This pilot study is a 3 armed randomized clinical trial that aims to determine the initial utility of a novel smartphone based smoking cessation intervention (i.e., Smart-T) compared with standard in-person smoking cessation clinic care and the free NCI QuitGuide smoking cessation application. Results of this study will be used to support the development of a fully powered NCI R01 application.*Direct & Indirect:* OUHSC funds1. **MRSG-12-114-01-CPPB** (PI: Businelle) 07/01/2012–07/10/2017
 |
| American Cancer Society (Mentored Research Scholar Grant)*Socioeconomic Disparities in Smoking Cessation: Identifying the* *Mechanisms*This study will determine if low SES increases the odds of relapse through a number of hypothesized mechanisms. This work is innovative because it will explore mediational pathways between SES and smoking cessation among individuals of varying racial/ethnic backgrounds from two distinct samples, using both traditional (questionnaire) and state-of-the-science real-time assessment methodology. This information was used to develop a new smart phone–based smoking cessation treatment that assesses relapse risk in real time and automatically intervenes to reduce risk (Project Smart-T).*Direct & Indirect Costs:* $717,000 |
| 1. **Project Advance II** (PI: Businelle) 06/29/2016–06/1/2018

*Advance Understanding of Health in Homeless Shelter Patrons*The primary objective of this anonymous cross-sectional questionnaire study is to gain a better understanding of the prevalence of physical and mental health problems among homeless adults in Oklahoma City. The secondary objective is to identify risk (e.g., stress, pain) and protective (e.g., levels of social support) factors that have an impact on health behavior and health behavior change in this understudied and underserved population.*Direct & Indirect:* OUHSC funds  |
| 1. **Project Advance** (PI: Businelle)

University of Texas School of Public Health (GRA support) & The University of Texas MD Anderson Cancer Center (funded subject payments)*The Effects of a Smoking Policy Change at a Homeless Shelter* | 05/01/2013–08/31/2014 |
| The primary objective of this project was to examine homeless individuals’ attitudes and beliefs about partial and full smoking bans at a local shelter before and after a partial smoking ban is implemented and to examine the short-term consequences of this ban. The secondary objective of this study was to determine the prevalence of modifiable cancer risk factors among a sample of homeless individuals. |
| *Direct Costs (No Indirect Costs):* $15,000 |
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| 1. **Start Up Project** (**Project Prevail**;Co-PIs: Businelle & Kendzor)
 | 08/23/2011–07/31/2013 |
| University of Texas School of Public Health |
| *Adjunctive Contingency Management to Promote Smoking Abstinence* |
| The primary objectives of this study were: 1) to evaluate the efficacy of an adjunctive contingency management intervention for smokers of low socioeconomic status participating in a smoking cessation program at an urban safety net clinic (Parkland Tobacco Cessation Clinic), and 2) to identify barriers to smoking cessation and predictors of relapse in this population. |
| *Direct Costs (No Indirect Costs):* $85,000 |
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| 1. **PILOT Grant** (**Project Aspire**; PI: Businelle)
 | 11/15/2011–02/15/2013 |
| University of Texas School of Public Health |
| *Reducing Tobacco Related Disparities among the Homeless* |
| The primary objectives of this pilot project were to: 1) determine if ecological momentary assessment (EMA) methodology could be used to identify predictors of and barriers to successful smoking cessation in treatment seeking homeless smokers, and 2) determine if an adjunctive contingency management treatment component (i.e., small financial incentives for biologically confirmed abstinence) would increase abstinence relative to usual care in this population. |
| *Direct Costs (No Indirect Costs):* $25,000 |
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| 1. **Contract** (PI for career development funds: Businelle; Effort: 50%)
 | 09/01/2010–06/30/2012 |
| UT Southwestern Medical Center/Harold C. Simmons Comprehensive Cancer Center |
| *Population Level Research on Cancer Prevention* |
| These funds were awarded to Dr. Businelle to support the development of his cancer prevention research laboratory in Dallas and to expedite research methods and data analysis for the Harold C. Simmons Comprehensive Cancer Center. |
| *Direct Costs (No Indirect Costs):* $90,654 |
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| 1. **R25-T CA57730** (PI: Chamberlain; PI for postdoctoral fellowship project: Businelle;Effort: 100%)
 | 01/01/2008–12/31/2009 |
| NIH/NCI |
| *Pathways Linking Socioeconomic Status and Smoking Cessation* |
| The major goal of this project was to examine pathways linking socioeconomic status to smoking cessation using a structural equation modeling approach. |
| *Direct Costs (No Indirect Costs):* $120,000 |

**Co-Investigator**

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| 1. **R01CA197314** **Supplement** (PI: Kendzor) 07/01/2016–06/30/2019

NIH/NCI Supplement*Mobile Contingency Management for Smoking Cessation Among Socioeconomically Disadvantaged Adults*The purpose of the supplement is to 1) develop a fully automated, mobile phone-based CM approach that can remotely verify smoking abstinence, confirm participant identity, and deliver financial incentives for smoking cessation, and 2) evaluate the feasibility and preliminary effectiveness of using a fully automated mobile CM approach as an adjunct to telephone counseling and nicotine replacement therapy among socioeconomically disadvantaged adults.*Total Direct ($80,550)*Effort: 10% year 1; in kind years 2-31. **Houston Endowment Inc.** (PI: Tortolero) 01/01/2015–11/30/2016

*A Comprehensive Community-wide Approach to Adolescent Sexual Health*This study will use smart phone technology to assess health behaviors including sexual behavior, safe sex practices, and alcohol/drug use among a sample of at-risk adolescents and homeless youths. My role on this project is to guide the design of the smart phone–based data collection program and to assist with analyses of EMA data.*Total Direct Costs:* $6,000,000; *Current Year Direct Costs:* $2,000,000Effort: 10% in 2015; in kind 2016 |
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| 1. **U01AA016668** (PI: Adinoff)
 | 02/01/2011–01/31/2013 |
| NIH/NIAAA |
| *Stress, HPA Axis Dysfunction, and Relapse in Alcoholism* |
| The primary goal of this project was to examine the interaction between stress and HPA axis dysfunction and its impact on relapse in a sample of alcohol dependent men. |
| *Subcontract Direct Costs (No Indirect Costs):* $24,954Effort: 10%  |
| 1. **IRG-02-196-07** (PI: Kendzor)
 | 01/06/2014–10/01/2015 |
| American Cancer Society (Institutional Research Grant) |
| *Evaluation of a Shelter-Based Diet and Physical Activity Intervention for Homeless Adults: A Pilot Study* |
| This pilot randomized clinical trial will evaluate the feasibility and effectiveness (relative to an assessment-only control group) of a shelter-based intervention designed to improve dietary intake and increase physical activity among homeless individuals. |
| *Direct Costs (No Indirect Costs):* $30,000 |

**Mentor**

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| 1. **R25/CA57712** (PI: Mullen)

NCI/NIH  | 09/01/2013–10/1/2015 |
| *Behavioral Science Education-Cancer Prevention and Control* |
| *Direct and Indirect Costs:* $2,499,817 |
| 1. **CPRIT** (PIs: Ness & Mullen)
 | 2014-2015 |
| *Collaborative Training of a New Cadre of Innovative Cancer Prevention Researchers* |

*Direct and Indirect Costs:* $1,700,000

*Role:* Mentor (in Kind)

1. **P50 CA180906** (PI: Cooper) 09/01/2015–10/31/2015

NIH/NCI TCORS Pilot Grant

*Assessing Young Adult E-cigarette Use with Ecological Momentary Assessment*

The purpose of thise study is to investigate e-cigarette use behaviors and antecedents associated with use among young adults.

*Direct costs:* $19,235 (no indirect costs)

*Role:* Mentor (in Kind)

**Consultant**

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| 1. **R25 HD045810 to University of California, San Francisco** 09/1/2016–8/31/2017
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| **NIH, NICHD - Center for AIDS Prevention Studies** (PI: Santa Maria)*Development of a HIV Risk Estimator to Predict Imminent HIV Risk Behaviors in Homeless Youth* |
| The goal of this project is to identify antecedents to HIV risk behaviors and combine this information to develop a real-time HIV risk estimator using existing EMA data from 71 homeless 18-24 year olds recruited from a local drop-in center in Houston, TX.*Direct and Indirect Costs:* $20,000 |
| 1. **PARTNERS Foundation** (PI: Santa Maria) 08/01/2018–07/31/2019

*MY-RID: Motivating Youth to Reduce Infections and Disconnections**Role:* Consultant Using a participatory research model, a personalized nurse-led, mobile enhanced, HIV prevention intervention for youth experiencing homelessness and unstably housing will be developed. Once developed and beta tested, we will conduct a small randomized attention control trial to assess the feasibility, acceptability, and preliminary efficacy of the intervention.*Direct & Indirect:* $100,0001. **DSRIP (1115)** (PI: Walters) 01/26/2014–12/31/2016
 |
| Centers for Medicare & Medicaid Services, Delivery System Reform Incentive Payment Program |
| *Health Navigation Incentives for Dual Diagnosis Patients* |
| Provide consultation on the development of an application that uses mobile technology for real-time assessment and intervention among people enrolled in Fort Worth permanent supportive housing. |
| *Direct and Indirect Costs:* $2,488,150 |

**PENDING RESEARCH SUPPORT**

**Principal Investigator**

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| 1. SBIR (PIs: Businelle, Sterns) Submitted: 01/05/2020

*Monitoring Medication Adherence to Improve Smoking Cessation Therapy*Proposed funding period: 07/01/2020–6/30/2022Total costs: $1,600,000 Effort: 15%1. **R01 DA044312** (PIs: Businelle, Zvolensky, & Buckner)Resubmitted: 3/5/2019 (**score 8th%ile**)
 |
| NIH/NIDA*An Automated and Tailored Mobile Cannabis-Anxiety Treatment* Proposed funding period: 09/01/2019–8/31/2024Total costs: $3,178,322 (Direct costs: $2,480,683)Effort: 18.5%  |  |
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| 1. **R01 CA215283** (PIs: Businelle & Zvolensky) Submitted: 02/05/2019
 |
| NIH/NCI  |
| *An Automated and Tailored Mobile Anxiety Sensitivity Treatment for Smoking* |
| Proposed funding period: 1/01/2019–11/30/2024Total costs: 2,981,758 Effort: 18.5% |

**Co-Investigator**

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|  1. **R21/R33 (PI: Bui)** Submitted : 11/19/2019

NIH*Mobile Health Technology for Personalized Tobacco Cessation Support in Laos*Proposed funding period: 07/01/2020–6/30/2025Total costs: $ $1,121,268 (Direct costs: $931,460)Effort: 2.5%  |
| 1. **NIH R34** (MPIs: Kendzor & Shuval) Submitted: 02/13/2018

*Development and Preliminary Evaluation of a Smartphone Intervention to Reduce Sedentary* *Behavior*Proposed funding period: 09/01/2018 – 08/31/2020Effort: 10%1. **R01 DA046096-01** (PI: Cropsey) Re-submitted: 01/10/2018 (scored 20th%ile)

*Circadian and sleep mechanisms among racial groups for nicotine dependence, craving, and withdrawal*Proposed funding period: 4/01/2018 – 03/31/2023Effort: 10% |
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| 1. **R01** (MPIs: Bui & D. Vidrine) Submitted: 01/05/2020

NIH/NCI*Ending Tobacco Use through Interactive Tailored Messaging for Cambodian People Living with HIV/AIDS (ENDIT)*Proposed funding period: 10/1/2020 –09/30/2025Effort: 5% |
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| **Mentor**1. **K22 AN9713024** (PI: Kara P. Wiseman) 04/15/19-04/14/2022

NIH/NCI*Increasing retention, engagement, and smoking cessation in a text-messaging based interventio*n *Direct Costs:* $450,000*Role:* Mentor |
| **Consultant**

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| 1. **Health Research Council of NZ – Feasibility study grant** (PI: Newcombe) Submitted: 08/14/2018

*Feasibility of delivering behavioural support and varenicline for cannabis use**Direct costs:* $249, 594 *Role:* Consultant |
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#### PEER REVIEWED PUBLICATIONS (\*indicates student author; §indicates senior author)

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| **Total Pubs**  | **First Authored Pubs** | **Percent Pubs as 1st, 2nd, or Senior Author** | **\*Total Pub Citations**  | **\*Total Citations** > 2015 | **\*H-Index**  |
| 123 | 18 | 59.8% | 1505 | 1109 | 22 |

\*From Scopus; Updated 10/8/19

1. Maza, V., Hernandez, D. C., Kendzor, D. E., & **Businelle, M. S.** (in press). Cross-sectional associations of misuse/opioid use disorder among adults experiencing homelessness. *Health Behavior Research, 2*.
2. Odoh, C., Vidrine, J., **Businelle, M. S.**, Kendzor, D. E., Agrawal, P., & Reitzel, L. R. (in press). Health Literacy and Self-rated Health among Homeless Adults. *Health Behavior Research*.
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**PUBLISHED BOOKS/BOOK CHAPTERS**

1. Vidrine, J. I., **Businelle, M. S.**, Cinciripini, P., Li, Y., Marcus, M., Waters, A. J., Reitzel, L. R., & Wetter, D. W. (2012). Associations of mindfulness with nicotine dependence, withdrawal, and agency (pp. 56-65). In M. Marcus & A. Zgierska (Eds.). In *Mindfulness-Related Treatments and Addiction Recovery*. Abington, Oxon: Routledge.

**PUBLISHED LETTERS/COMMENTARY**

1. Kendzor, D. E., Hébert, E. T.\*, **Businelle, M. S.** (2018). Epilogue to the special issue on the use of mobile technology for the real-time assessment and treatment of substance use disorders. *The American Journal of Drug and Alcohol Abuse, 44*, 571-574. DOI: 10.1080/00952990.2018.1495220
2. **Businelle, M. S.**, Hébert, E. T., & Kendzor, D. E. (2018). Introduction to the special issue on use of mobile technology for real-time assessment and treatment of substance use disorders. *The American Journal of Drug and Alcohol Abuse, 44*, 499-501. DOI: 10.1080/00952990.2018.1484923
3. **Businelle, M. S.** (2014). The Potential of mHealth for Tobacco Dependence Treatment: Domestic and International Examples from NCI’s Smokefree.gov Initiative. *Nicotine & Tobacco Research, 16*, 1033.
4. Reitzel, L. R., Costello, T. J., Mazas, C. A., Vidrine, J. I., **Businelle, M. S.**, Kendzor, D. E., Li, Y., Cofta-Woerpel, L., & Wetter, D. W. (2009). Response to Dr. DiFranza’s letter. *Nicotine & Tobacco Research, 11*, 1124-1125.

**PUBLISHED ABSTRACTS**

1. \*Taylor, A., \*Neisler, J., Machkhas, T., **Businelle, M.S.**, Kendzor, D. E., & Reitzel, L.R. (2019, July). Post-traumatic stress is linked with emergency room visits among adults receiving homelessness services. Health Behavior Research, 2(2), 29-30. Doi: 10.4148/2572-1836.1048
2. \*Taylor, A., Murillo, R., **Businelle, M. S.**, \*Chen, T-A., Kendzor, D. E., McNeill, L. H., & Reitzel, L. R. (2019). The moderating effect of race on the relation Between Physical Activity and Sleep Duration in an Adult Homeless Sample. Health Behavior Research, 2(2), 82. Doi: 10.4148/2572-1836.1048
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4. \*Maza, V., Reitzel, L. R., \*Chen, T-Z., Kendzor, D. E., & **Businelle, M. S.** (2019). Associations of Subjective Social Status and Mindfulness on Readiness to Quit Smoking in Homeless Smokers. Health Behavior Research, 2(2), 4. doi: 10.4148/2572-1836.1048
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6. **Businelle, M. S.**, Kendzor, D., Williamson, D., Patterson, S., Clendenin, A., & Copeland, A. (2005). Demographic variables, alcohol use, and alcohol outcome expectancies in children. *Annals of Behavioral Medicine, 29 (Suppl),* S188.
7. Kendzor, D., **Businelle, M. S.**, Williamson, D., Patterson, S., Clendenin, A., & Copeland, A. (2005). Demographic characteristics associated with smoking and smoking outcome expectancies in children. *Annals of Behavioral Medicine, 29 (Suppl),* S168.
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13. **Businelle, M. S.**, Carney, C. E., & Copeland, A. L. (2002). Identifying barriers to entering smoking cessation treatment in a community sample of heavy smokers. *Nicotine & Tobacco Research, 4,* 378. Selected for publication as one of the top 50 abstracts from the Society for Research on Nicotine & Tobacco 2002 annual conference.

#### MANUSCRIPTS UNDER REVIEW (\*indicates student author; §indicates senior author)

1. Cole, A. B., Hébert, E. T., & **Businelle, M. S.** (under review). Homelessness characteristics among American Indian and Non-Hispanic White adults.
2. Zvolensky, M. J., Rogers, A. H., Garey, L., Ditre, J. W., Shepherd, J. M., Viana, A. G. & **Businelle, M.** (under review). The role of anxiety sensitivity in the relation between pain intensity and substance use and mental health among smokers with chronic pain.
3. \*Hébert, E.T., \*Ra, C.K., \*Alexander, A.C., Helt, A., Moisiuc, R., Kendzor, D.E., Funk-Lawler, R.K., §**Businelle, M.S.** (revise and resubmit) A pilot randomized controlled trial of a mobile just-in-time adaptive intervention for smoking cessation.
4. Bui, T., Vidrine, D., **Businelle, M. S.**, et al. (under review). Feasibility and preliminary efficacy of a mobile-health intervention for Cambodian smokers living with HIV.
5. Neisler, Shree, Reitzel, Chen, Kendzor, Obasi, Wrighting, **Businelle, M. S.** (under review). Characterizing alcohol use behaviors among homeless men and women.
6. Taylor, A., Murillo, R., **Businelle, M. S.**, Chen, T-A., Kendzor, D. E., McNeill, L. H., & Reitzel, L. R. (under review). Physical activity and sleep inadequacy in homeless adults.
7. Koslovsky, M., \*Hébert, E. T., & **Businelle, M. S.** (under review). An efficient Bayesian Varying-Coefficient Modeling Approach for behavioral mHealth data.
8. \*Alexander, A, **Businelle, M. S.**,et al. (under review). Subjective social status indirectly influences short-term smoking cessation through nicotine withdrawal symptoms.
9. Hammert, P., et al. (under review). The association between incident smoking abstinence and pain trajectory among veterans engaged in VA mental health care.
10. **Businelle, M. S.**, Walters, S. (co-first author), \*Hébert, E.T., (revise and resubmit). Development and testing of a just-in-time adaptive intervention to reduce drinking among people experiencing homelessness.
11. **Rangu, N.**, Frank-Pearce, S. G., Alexander, A. C., \*Hébert, E.T., Ra, C., Kendzor, D. E., & Businelle, M. S. (under review). Concussions are associated with non-adherence to psychiatric medications among homeless adults with mental health disorder.

#### MANUSCRIPTS IN PREPARATION (\*indicates student author; §indicates senior author)

1. \*Allicock, M., **Businelle, M. S.**, Kendzor, D. E., Balasubramanian, B., & Reingle, J. Understanding the relationships between discrimination and health behaviors in a nationally representative dataset.

**INVITED WORKSHOPS, SYMPOSIA & PAPER PRESENTATIONS**

1. \*Cole, A. B., \*Ra, C. K., Frank-Pearce, S. G., \*Hébert, E. T., Kendzor, D. E., & **Businelle, M. S.** (2020, April). *High nicotine dependence at baseline predicts changes in depression during a smoking cessation attempt*. Poster to be presented at the 41st annual meeting for the Society of Behavioral Medicine, San Francisco, CA.
2. \*Alexander, A. C., Olurotimi, O., \*Hébert, E. T., \*Ra, C. K., **Businelle, M.S.**, & Kendzor, D. E. (2020, March). Subjective social status indirectly influences short-term smoking cessation through nicotine withdrawal symptoms. Paper accepted for poster presentation at the 2020 SRNT Annual Meeting, New Orleans, LA.
3. \*Alexander, A. C., Nollen, N. L., Ahluwalia, J. S., \*Hébert, E. T., **Businelle, M. S.**, & Kendzor, D.E. (2020, March). Darker skin color is associated with a lower likelihood of smoking cessation among males but not females. Paper accepted for poster presentation at the 2020 SRNT Annual Meeting, New Orleans, LA.
4. \*Hébert, E.T., Mathews, A.J., Geller, D.W., Gaur, A., **Businelle, M.S.**, Kendzor, D.E. (March 2020). A Machine Learning Approach to Identifying Response Fatigue and Non-Compliance in Ecological Momentary Assessment. Oral presentation accepted to the 2020 Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, LA.
5. \*Hébert, E.T., Mathews, A.J., Geller, D.W. Gaur, A., Frank-Pearce, S., **Businelle, M.S.**, Kendzor, D.E. (April 2020). Identifying response fatigue and non-compliance in just-in-time adaptive interventions: a machine learning approach. Oral presentation accepted to the Society of Behavioral Medicine 2020 Annual Meeting. San Francisco, CA.
6. \*Ra, C. K., \*Hébert, E. T., Frank-Pearce, S., Moisiuc, R., \*Alexander, A. C., Kendzor, D. E., Gamble, K., Cropsey, K. & **Businelle, M. S.** (April 2020). Daily Reports of Sleep and Smoking Abstinence: An Ecological Momentary Assessment Study. Oral presentation accepted to the Society of Behavioral Medicine 2020 Annual Meeting. San Francisco, CA.
7. \*Rogers, A. H., **Businelle, M. S.**, Garey, L., Buckner, J. D., & Zvolensky, M. J. (November 2019). A pilot study of a mobile intervention for cannabis use disorder. In J. D. Buckner & K. Walukevich-Dienst (Chairs), Extending the reach of therapeutic interventions: Technology-based interventions for risky substance use. Paper presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Atlanta, GA.
8. **Businelle, M. S.**, Hébert, E., Kendzor, D. E., & Vidrine, D. (March 2019). Using the Insight mHealth Platform to Create Innovative Smartphone Based Assessments and Just-in-Time Adaptive Interventions. Preconference workshop presented at the 2019 meeting of the Society of Behavioral Medicine. Washington, D.C.
9. **Businelle, M. S.**, Hébert, E. T., Kendzor, D. E., & Vidrine, D. J. (February 2019). Randomized clinical trial of an automated smartphone based smoking cessation treatment: The Smart-T2 app. (part of *Advances in smartphone and wearable sensor applications for cessation* symposium). Symposium presented at the 2019 meeting of the Society for Research on Nicotine and Tobacco, San Francisco.
10. Hébert, E.T., Geller, D.W., **Businelle, M. S.** (October 2018). Using Machine Learning to Develop Just-in-Time Adaptive Interventions for Smoking Cessation. Oral presentation at the Artificial Intelligence and Machine Learning Symposium at the University of Oklahoma. Norman, OK.
11. Bui, T. C., Vidrine, D. J., Heng, S., **Businelle, M. S.**, Frank-Pearce, S. G., Chhea, C., Ly, S. P., Vesely, S. K., Vidrine, J. I. (June 2018). Mobile-health to support smoking cessation in developing countries: A pilot study in Cambodia. Oral presentation at the 7th International Conference on the Development of Biomedical Engineering: Translational Health Science and Technology for Developing Countries. Ho Chi Minh City, Vietnam.
12. **Businelle, M. S.** (June 2018). Remote Monitoring of Smoking Status using the Bedfont iCO and Insight mHealth Platform. Innovation District Sensor Symposium, Oklahoma City, OK.
13. **Businelle, M. S.** (February 2018). Developing and Testing Smartphone Based Assessments and Interventions for Smokers. Part of the SRNT Treatment Network’s Preconference Workshop on Innovations in Tobacco Treatment Research: New Treatments and Methodologies. Baltimore, MD.
14. **Businelle, M. S.**, Reitzel, L. R., & Kendzor, D. E. (September 2016). Addressing health behaviors as a part of the homeless recovery process. Symposium presented at the 2016 National Zarrow Mental Health Symposium. Tulsa, OK.
15. **Businelle, M. S.** & Kendzor, D. E. (January 2016). Using mHealth to address Cancer Related Health Disparities. Stephenson Cancer Center’s Cancer Research Symposium. Oklahoma City, OK.
16. Garey, L., Reitzel, L. R., Kendzor, D. E., & **Businelle, M. S**. (June 2016). The role of perceived stress in associations between subjective social status and health-related quality of life among homeless smokers. Paper submitted for presentation at the 2016 Society for Prevention Research Annual Meeting, San Francisco, CA.
17. Shuval, K., Kendzor, D. E., Gabriel, K. P., **Businelle, M. S.**, \*Ma, P., High, R. R., \*Cuate, E. L., \*Poonawalla, I. B., \*Rios, D. M., Demark-Wahnefried, W., & Wetter, D. W. (October/November 2015). Impact of a smartphone intervention on the sedentary behavior of adults. Paper presented at the annual meeting of the American Public Health Association. Chicago, IL.
18. **Businelle, M. S.** (February 2015). Momentary assessment and just-in-time interventions in socioeconomically disadvantaged populations. Society for Research on Nicotine and Tobacco Pre-Conference Workshop entitled “*Integrating Mobile Technology into Research with Disparate Populations.*” Philadelphia, Pennsylvania.
19. Okamoto, H., Fisher, F.D., Hernandez, D. C., Reitzel, L. R., Kish, D., Kendzor, D. E., & **Businelle, M. S.** (October 2014). *Associations between trait mindfulness and stress among homeless adults.* Paper presentation at the University of Houston Undergraduate Research Day, Houston, TX.
20. Moisiuc, A., Reitzel, L. R., Kendzor, D. E., Childress, S., & **Businelle, M. S.** (October 2014). *Subjective social status determinants among homeless adults.* Paper presentation at the University of Houston Undergraduate Research Day, Houston, Texas.
21. Chang, H.-L., Fisher, F. D., Reitzel, L. R., Kendzor, D. E., Nguyen, M.-A., & **Businelle, M. S.** (October 2014). *Sleep inadequacy and self-rated health among homeless adults.* Paper presentation at the University of Houston Undergraduate Research Day, Houston, TX.
22. Childress, S. D., Reitzel, L. R., Santa Maria, D. M., Kendzor, D. E., Moisiuc, A., & **Businelle, M. S.** (October 2014). *Youth-onset homelessness, mental illness, and substance use in homeless adults.* Paper presentation at the University of Houston Undergraduate Research Day, Houston, Texas.
23. Nguyen, M A. H., Reitzel, L. R., Kendzor, D. E., & **Businelle, M.S.** (October 2014). *Clearing the air: Cessation treatment preferences and barriers to quitting among light versus moderate/heavy homeless smokers.* Paper presentation at the University of Houston Undergraduate Research Day, Houston, Texas.
24. Etcheverry, P. E., Lam, C., Reitzel, L. R., Vidrine, J. I., **Businelle, M. S.**, Kendzor, D. E., Costello, T. J., Li, Y., Cinciripini, P. M., Cofta-Woerpel, L., Wetter, D. W., Daza, P., Mullen, P. D., Velasquez, M. M., & Waters, A. J. (February 2014). *Smoking implicit association test and the prediction of smoking cessation abstinence in post-partum women.* Oral presentation at the 2014 Annual Meeting of the Society for Research on Nicotine and Tobacco. Seattle, Washington.
25. Reingle, J. M., Jennings, W. G., **Businelle, M. S.**, & Chartier, K. (June 2013). *The event-specific etiology of intimate partner violence: The role of alcohol use and psychiatric conditions.* Oral presentation at the 2013 College of Problems on Drug Dependence (CPDD) Scientific Meeting. San Juan, Puerto Rico.
26. Watkins, K. L., Regan, S. D., Nguyen, N., **Businelle, M. S.**, Kendzor, D. E., Cuevas, A. G., Cao, Y., Lam, C., Poonawalla, I. B., Cuate, E., Kesh, A., Balis, D., & Reitzel, L. (March 2013). The influence of tobacco retail outlets on real-time smoking urges during a quit attempt. (part of *Understanding how tobacco outlets and marketing affect thoughts and behaviors in real-time: A new generation of Ecological Momentary Assessment* symposium). Symposium presented at the 2013 meeting of the Society for Research on Nicotine and Tobacco, Boston, Massachusetts.
27. **Businelle, M. S.**, Lam, C. Y.,Kendzor, D. E., Cofta-Woerpel, L., McClure, J. B., Cinciripini, P. M., & Wetter, D. W. (March 2012). Momentary urges to smoke and alcohol consumption during a smoking cessation attempt. Symposium title: *Alcohol Use, Craving, and Cessation Outcomes.* Symposium presented at the 2012 Joint Conference of the Society for Research on Nicotine and Tobacco. Houston, Texas.
28. Lam, C. Y., **Businelle, M. S.**, Cofta-Woerpel,Ph.D., L., McClure, J. B., Ph.D., Cinciripini, P. M., & Wetter, D. W. (March, 2012). Positive smoking outcome expectancies mediate the relationship between alcohol consumption and urge to smoke: A momentary analysis. Symposium title: *Alcohol Use, Craving, and Cessation Outcomes.* Symposium presented at the 2012 Joint Conference of the Society for Research on Nicotine and Tobacco. Houston, Texas.
29. Wetter, D. W., **Businelle, M. S.**, Kendzor, D. E., Mazas, C. A., Cofta-Woerpel, L. M., et al. (April 2009). Modeling the pathways linking socioeconomic status and smoking relapse: A structural equation modeling approach. Symposium title: *Socioeconomic Status and Smoking Cessation*. Symposium presented at the 2009 Joint Conference of the Society for Research on Nicotine and Tobacco. Dublin, Ireland.
30. **Businelle, M. S.**, Carney, C. E., & Copeland, A. L. (March 2002). Identifying barriers to entering

smoking cessation treatment in a community sample of heavy smokers. Paper session title: *Smoking cessation across the lifespan.* Paper presented at the annual meeting of the Society for Research on Nicotine & Tobacco. Savannah, Georgia.

**POSTER PRESENTATIONS** (\*indicates student author)

1. Santa Maria,D., Padhye, N., **Businelle, M.**, Yang, Y., Torres, J. (July 2020). Using a Just-in-Time Adaptive Intervention (JITAI) to promote HIV risk reduction behaviors among Youth Experiencing homelessness (YEH). Abstract submitted for presentation at: AIDS 2020: 23rd International AIDS conference. San Francisco, CA.
2. Li, X., Walters, S., Mun, E.-Y., **Businelle, M. S.**, Lineberry, S., & Tan, Z. (June 2020).Detecting alcohol consumption among homeless individuals using ecological momentary assessment, transdermal sensors, and timeline followback methods. Poster submitted for presentation at the Research Society on Alcoholism (RSA) Annual Meeting, New Orleans, Louisiana.
3. Nitturi V. (joint first author), Khalafi S. (joint first author), Odoh C., Taylor A., **Businelle M. S.**, Kendzor D.E. & Reitzel L.R. (2020, January). Moderating Effect of Sex on the Relation of Mental Illness Diagnosis and Perceived Social Support in Homeless Adults. Poster presented at the annual meeting of the HEALTH Research Institute at the University of Houston, Houston TX.
4. \*Cole, A. B., Frank-Pearce, S. G., \*Hébert, E. T., \*Ra, C. K., Kendzor, D. E., & Businelle, M. S. (2020, March). Nicotine dependence level predicts changes in depression during a smoking cessation trial. Poster abstract submitted to the 26th annual meeting for the Society for Research on Nicotine and Tobacco, New Orleans, LA.
5. \*Moisiuc, R., \*Ra, C. K., \*Hébert, E. T., Frank-Pearce, S.G., Kendzor, D.E., Gamble, K.L., Cropsey, K.L., & **Businelle, M. S.** (2020, March). Daily Sleep Duration as a Possible Predictor of Smoke Relapse. Poster submitted for presentation at the annual meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA.
6. \*Waring, J. J., \*Alexander, A. C, \*Ra, C., \*Hébert, E., Kendzor, D. E., & **Businelle, M. S**. (March 2020). Mechanisms Linking Pain and Smoking During a Quit Attempt. Poster to be presented at the 2020 Annual Meeting of the Society for Research on Nicotine and Tobacco. New Orleans, LA.
7. Khalafi, S., Odoh, C., Taylor, A., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2020, March). Moderating Effect of Sex on the Relation of Mental Illness Diagnosis and Perceived Social Support in Homeless Adults. Poster presented at the annual meeting of the American Academy of Health Behavior, Napa CA.
8. \*Ra, C. K., \*Hébert, E. T., \*Alexander, A. C., Kendzor, D. E., & **Businelle, M. S.** (March 2020). Using Growth Curve Modelling to Elucidate the Role of Affect in Smoking Cessation. Poster accepted for presentation at the 2020 SRNT Annual Meeting, New Orleans, LA.
9. Taing, M., Maza, V., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2020, March). Characterizing unintentional daytime sleep by heaviness of tobacco use among homeless adult smokers. Poster to be presented at the annual meeting of the American Academy of Health Behavior, Napa, CA.
10. Agrawal, P., Neisler, J., **Businelle, M.S.**, Kendzor, D.E., Hernandez, D.C., Odoh, C., & Reitzel, L.R. (2020, March). Exposure to violence and sleep inadequacies among men and women living in a shelter setting. Poster to be presented at the American Academy of Health Behavior (AAHB) conference, Napa Valley, CA.
11. \*Cole, A. B., \*Ra, C. K., Frank-Pearce, S. G., \*Hébert, E. T., Kendzor, D. E., & **Businelle, M. S.** (2020, April). High Nicotine Dependence at Baseline Predicts Changes in Depression During a Smoking Cessation Attempt. Poster abstract submitted to the 41st annual meeting for the Society of Behavioral Medicine, San Francisco, CA.
12. \*Lim, H. J., \*Odoh, C., Taylor, A., **Businelle, M. S.**, Vidrine, J., Kendzor, D. E., & Reitzel, L. R. (2019, April). Health Literacy and Self-rated Health among Homeless Adults. Poster accepted for presentation at the annual Psychological, Health, & Learning Sciences Research Symposium, Houston, TX.
13. \*Taylor, A., \*Neisler, J., Machkhas, T., **Businelle, M.S.**, Kendzor, D. E., & Reitzel, L.R. (2019, March). Post-traumatic Stress is Linked with Emergency Room Visits among Adults Receiving Homelessness Services. 3-Minute Thesis to be presented at the American Academy of Health Behavior (AAHB) conference, Greenville, SC.
14. \*Williams, M., \*Hébert, E., **Businelle, M.**, Kendzor D., (2019, March). Social Support and Mental Health Services for Adults with Disabilities Experiencing Homelessness. Poster accepted to The Society of Behavioral Medicine Conference, Washington, DC.
15. \*Eshtehardi, S.S., Kendzor, D.E., **Businelle, M.S.**, & Reitzel, L.R. (2019, March). Sociodemographic determinants of adherence to depression & anxiety medication among individuals receiving homelessness services. Poster to be presented at the Society of Behavioral Medicine Annual Scientific Session, Washington, DC.
16. \*Stout, M.E., \*Hébert, E.T., \*Alexander, A.C., **Businelle. M.S.**, & Kendzor, D.E. (2019, March). Sex Differences in the Effects of Daily Stress on Smoking Behavior: An Ecological Momentary Assessment Study. Poster presented at the annual Society of Behavioral Medicine (SBM) conference. Washington, D.C.
17. \*Waring, J., \*Alexander, A., \*Hébert, E., Kendzor, D., & **Businelle, M.** (2019, February). Is pain perception associated with smoking during a quit attempt?. Poster presented at the 2019 Annual Meeting of the Society for Research on Nicotine and Tobacco. San Francisco, CA.
18. Vidrine, D. J., Bui, T. C., Vidrine, J. I., Frank-Pearce, S. G., **Businelle, M. S**. (2019, February). Feasibility and preliminary efficacy of a mobile-health intervention for Cambodian smokers living with HIV. Poster presented at the 2019 annual meeting for the Society for Research on Nicotine and Tobacco; San Francisco, CA.
19. \*Moisiuc, R., \*Hébert, E.T., \*Stout, M.E., Kendzor, D.E., Vidrine, D.J., & **Businelle, M.S.** (2019, February). Characterizing Real-Time Reports of Smoking Lapse: An Ecological Momentary Assessment Study. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, San Francisco, CA.
20. \*Alexander, A.C., \*Hébert, E.T., **Businelle. M.S.**, & Kendzor, D.E. (2019, February). Everyday discrimination indirectly influences smoking cessation through post-quit self-efficacy. Poster to be presented at the annual Society of Behavioral Medicine Conference, Washington, D.C.
21. \*Moisiuc, R., \*Hébert, E.T., \*Stout, M.E., Kendzor, D.E., Vidrine, D.J., & **Businelle, M.S.** (2019, February). Characterizing real-time reports of smoking lapse: An ecological momentary assessment study. Poster submitted for presentation at the annual meeting of the Society for Research on Nicotine and Tobacco, San Francisco, CA.
22. \*Hébert, E.T., \*Stevens, E.M., Frank-Pearce, S.G., **Businelle, M.S.**, Kendzor, D.E. (February, 2019). Tobacco Advertising Exposure and Smoking among Individuals Participating in a Smoking Cessation Program: An Ecological Momentary Assessment Study. Poster presented at the 2019 Stephenson Cancer Center Annual Cancer Research Symposium, Oklahoma City, OK.
23. Barton, J., \*Waring, J., \*Hébert, E., \*Alexander, A., **Businelle, M.**, & Kendzor, D. (2019, February). Influence of Insomnia Symptoms on the Likelihood of Smoking Cessation. Presented at the 2019 Stephenson Cancer Center Annual Cancer Research Symposium. Oklahoma City, OK.
24. \*Stout, M.E., \*Hébert, E.T., \*Alexander, A.C., **Businelle. M.S.**, & Kendzor, D.E. (2019, February). Sex Differences in the Effects of Daily Stress on Smoking Behavior: An Ecological Momentary Assessment Study. Poster presented at the annual Cancer Research Symposium, Stephenson Cancer Center, Oklahoma City, OK.
25. \*Alexander, A.C., \*Hébert, E.T., **Businelle. M.S.**, & Kendzor, D.E. (2019, February). Everyday discrimination indirectly influences smoking cessation through post-quit self-efficacy. Poster presented at the annual Cancer Research Symposium, Stephenson Cancer Center, Oklahoma City, OK.
26. \*Taylor, A., \*Neisler, J., Machkhas, T., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2018, December). Post-traumatic Stress is Linked with Emergency Room Visits among Adults Receiving Homelessness Services. Poster to be presented at the Humana Integrated Health System Sciences Institute Kick-Off Event, Houston, Texas.
27. Barton, J., \*Waring, J., \*Hébert, E., \*Alexander, A., **Businelle, M.**, & Kendzor, D. (February 2019). Influence of Insomnia Symptoms on the Likelihood of Smoking Cessation. Presented at the 2019 Annual Meeting of the Society for Research on Nicotine and Tobacco. San Francisco, CA.
28. \*Odoh, C., Agrawal, P., **Businelle, M.S.**, Kendzor, D.E., Reitzel, L.R. (2018, December). Social Determinants of Overnight and Emergency Treatment among Homeless Adults. Poster presented at the Humana Integrated Health System Sciences Institute Kick-Off Event, Houston, Texas.
29. \*Eshtehardi, S. S., \*Maza, V., Lim, H. J., Kendzor, D. E., **Businelle, M. S.**, & Reitzel, L. R. (2018, December). Sociodemographic determinants of adherence to depression & anxiety medication among individuals receiving homelessness services. Poster to be presented at the Humana Integrated Health System Sciences Institute, Houston, TX.
30. \*Cole, A. B., \*Hébert, E. T., & **Businelle, M. S.** (2019, March). Examination of Health Behaviors and Potential Causes of Homelessness among American Indian and Caucasian Homeless Adults. Poster to be presented at the 40th annual meeting of the Society for Behavioral Medicine, Washington, D.C.
31. \*Lim, H-J., \*Taylor, A., Murillo, R., **Businelle, M. S.**, Kendzor, D. E., Chen, T-A., Machkhas, T., & Reitzel, L. R. (2018, October). Characterization of sleep inadequacy and association with health among homeless adults. Poster to be presented at the University of Houston Undergraduate Research Day. Houston, TX.
32. Machkhas, T., \*Taylor, A., Murillo, R., **Businelle, M. S.**, Kendzor, D. E., Chen, T-A., Lim, H-J., & Reitzel, L. R. (2018, October). Characterization of physical activity and association with health among homeless adults. Poster to be presented at the University of Houston Undergraduate Research Day. Houston, TX.
33. \*Maza, V., Reitzel, L. R., Chen, T-A., Kendzor, D. E., & **Businelle, M. S.** (2018, October). Associations of subjective social status and mindfulness on readiness to quit smoking in homeless smokers. Poster to be presented at the University of Houston Undergraduate Research Day. Houston, TX.
34. Odoh, C., Bhavsar, S., Chen, A., Neisler, J., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (March 2019). Perceived living environment and stress levels among sheltered homeless men and women. Poster presentation at the 2019 AAHB annual meeting. Greenville, SC.
35. Hernandez, D. Gallardo, K., Santa Maria, D., Truong, C., Rhoton, J., Kendzor, D., & **Businelle, M.** (2018, November). Shelter service utilization among homeless adults: Associations with drug use, binge drinking, and mental health diagnosis. Poster accepted for presentation at the 2018 annual meeting of the American Public Health Association, San Diego, CA.
36. Garey, L., Reitzel, L. R., Neisler, J., Kendzor, D. E., Zvolensky, M. J., Neighbors, C., Hernandez, D. C., & **Businelle, M. S.** (2018, September). Health-related quality of life among homeless smokers: Risk and protective factors of latent class membership. Poster to be presented at the 18th annual meeting of the Society for Research on Nicotine and Tobacco-Europe, Munich, Germany.
37. Okereke, J., Neisler, J., Bhavsar, S., Lim, H. J, **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2018, April). Relationship between Victimization Exposure and Inadequate Sleep among Homeless Adults. Poster accepted for presentation at the annual Psychological, Health, & Learning Sciences Research Symposium, Houston, TX.
38. Bhavsar, S., Neisler, J., Lim, H. J, Okereke, J, **Businelle, M. S.**, Kendzor, D.E., & Reitzel, L. R. (2018, April). Living Environment and Stress Levels among Sheltered Homeless Adults. Poster presented at the annual Psychological, Health, & Learning Sciences Research Symposium, Houston, TX.
39. Shore, M. Vidrine, J. I., Hébert, E., Frank, S., Amil, M., **Businelle, M. S.**, Vidrine, D. J. (2018, February). Feasibility and preliminary efficacy of smartphone-delivered automated video-assisted smoking cessation treatment. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
40. Neisler, J, Reitzel, L. R., Kendzor, D. E., Hébert, E. T., Vijayaraghavan, M., & **Businelle, M. S.** (2018, February). Examining the Moderating Effect of Perceived Social Support on Heaviness of Smoking and Quit Attempts Among Adult Homeless Smokers. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore MD.
41. Hébert, E.T., **Businelle, M. S.**, Kendzor, D. E., Helt, A., Moisiuc, R., & Vidrine, D. J. (2018, February). Pilot Randomized Clinical Trial of an Automated Smartphone-Based Smoking Cessation Treatment. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
42. Kendzor, D. E., **Businelle, M. S.**, Vidrine, D. J., Casiano, N., Mathews, A. J., Geller, D., & Aguirre, M. M. (2018, February). Mobile Contingency Management for Smoking Cessation among Socioeconomically Disadvantaged Adults. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
43. Maness, S. B., Reitzel, L. R., Hernandez, D. C., Santa Maria, D. M., Batson, M. A., Kendzor, D. E., & **Businelle, M. S.** (2018, March). Modifiable health risk factors, self-rated health, and readiness to change among homeless adults. Poster presented at the American Academy of Health Research annual conference. Portland, OR.
44. Bhavsar, S., Okamoto, H., Reitzel, L. R., Kendzor, D. E., Zvolensky, M. J., & **Businelle, M. S.** (2017, October). Anxiety Sensitivity and Sleep Problems among Homeless Adults. Poster presented at the University of Houston Undergraduate Research Day. Houston, TX.
45. Geller, D., \*Hébert, E.T., Kendzor, D.E., & **Businelle, M.S.** (2018, February). Predicting Risk of Imminent Smoking Lapse in Real Time Using Machine Learning. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
46. \*Hébert, E.T., \*Stevens, E.M., Frank, S.G., Kendzor, D.E., & **Businelle, M.S.** (2018, February). An Ecological Momentary Intervention for Smoking Cessation: The Associations of Just-in-Time, Tailored Messages with Lapse Risk Factors. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
47. Helt, A., \*Hébert, E. T., Moisiuc, R., Kendzor, D. E., Vidrine, D. J., & **Businelle, M. S.** (2018, February). A Qualitative Look at Participant Reactions to a Smartphone-Based Smoking Cessation Treatment. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
48. \*Hollins, P., \*Hébert, E. T., **Businelle, M. S.**, & Kendzor, D. E. (2018, February). The Influence of Mental Health on Smoking Cessation among Socioeconomically Disadvantaged Safety Net Hospital Patients. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
49. Moisiuc, R., \*Hébert, E. T., Vidrine, J. I., Vidrine, D. J., **Businelle, M. S.**, & Kendzor, D. E. (2018, February). The Tobacco Treatment Research Program: Integrating Research and Practice. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
50. \*Roys, M., R., \*Waters, A. F., Stewart, S. A., Copeland, A. L., **Businelle, M. S.**, & Kendzor, D. E. (2018, February). Depression Mediates the Relationship between Subjective Social Status and Smoking Status in a Community Sample of Adults. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
51. \*Waring, J. J. C., \*Hébert, E. T., Kendzor, D. E., & **Businelle, M. S.** (2018, February). Evaluating the Influences of Social Pressure and Support on Daily Smoking Abstinence. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
52. Hernandez, D. C., Arlinghaus, K., Santa Maria, D. M., Reitzel, L. R., Vidrine, J., Vidrine, D., Kendzor, D. E., & Businelle, M. S. (November 2017). Victimization and food insecurity among homeless adults: Depression and PTSD linkages. Poster presented at the 2017 annual meeting of the American Public Health Association, Atlanta, GA.
53. \*Cooper, M., \*Case, K. R., \*Hébert, E. T., Vandewater, E. A., Raese, K., Perry, C. L., & **Businelle, M. S.** (October 2017). Characterizing ENDS Use in Young Adults with Ecological Momentary Assessment: Results from a Pilot Study. Poster presented at the 2017 TCORS Grantee Meeting. Bethesda, MD.
54. \*Wrighting, Q., Reitzel, L. R. , Chen, T-A., Kendzor, D. E., Hernandez, D. C., Obasi, E. M., Shree, S., & Businelle, M. S. (June 2017). Characterizing Differences in Discrimination Experiences by Race among Homeless Adults. Poster presented at the 15th Annual Disparities in Health in America: Working Toward Social Justice Workshop. Houston, TX.
55. Shree, S., Reitzel, L. R., Kendzor, D. E., Obasi, E. M., \*Wrighting, Q., & **Businelle, M. S.** (June 2017). Characterizing Risky Alcohol Use Among Homeless Men and Women: Implications for Treatment Prioritization. Poster presented at the 15th Annual Disparities in Health in America: Working Toward Social Justice Workshop. Houston, TX.
56. \*Wrighting, Q. (joint first author), \*Neisler, J. (joint first author), Reitzel, L. R., Vijayaraghavan, M., Kendzor, D. E., \*Hébert, E. T., Rash, C. J., & **Businelle, M. S.** (April 2017). Relationship Between Income and Cigarette Purchasing Patterns Among Homeless Adults. AWARD WINNING poster presented at the College of Education Research Symposium, Houston, TX.
57. Bakhshaie, J., Kulesz, P., Garey, L., Langdon, K., **Businelle, M.**, Leventhal, A., Gallagher, M., Schmidt, N., Manning, K., Goodwin, R., Zvolensky, M. (April 2017). A Prospective Investigation of the Synergistic Effect of Change in Anxiety Sensitivity and Dysphoria on Tobacco Withdrawal. Poster presented at the 2017 annual meeting of the Anxiety and Depression Association of America, San Francisco, CA.
58. Rash, C., Kendzor, D. E., \*Waters, A., & **Businelle, M. S.** (June 2017). Characteristics of homeless adults who successfully quit smoking. Poster presented at the 2017 College on Problems of Drug Dependence Conference. Montréal, Canada
59. Garey, L., Reitzel, L. R., Anthenien, A., **Businelle, M. S.**, Neighbors, C., Zvolensky, M. J., Wetter, D.W., & Kendzor, D. E. (March 2017). A test of the stress buffering hypothesis for the negative impact of financial strain on health-related quality of life. Poster accepted for presentation at the Annual Meeting of the American Psychosomatic Society, Sevilla, Spain.
60. Maness, S. B., Reitzel, L. R., Hernandez, D. C., Santa Maria, D. M., \*Batson, M. A., Kenzor, D. E., & **Businelle, M. S.** (March 2017). Modifiable health risk factors and readiness to change among adults who utilize homeless shelter services. Poster presented at the American Academy of Health Behavior 17th Annual Meeting. Tucson, Arizona.
61. \*Neisler, J., Reitzel, L. R., Kendzor, D. E., \*Hébert, E., Vijayaraghavan, M., & **Businelle, M. S.** (March 2017). Concurrent product use among homeless smokers and associations with cigarette dependence and other factors related to quitting. **Poster presented at the 2017 American Academy of Health Behaviors Conference, Tucson, AZ.**
62. \*Neisler, J., Wrighting, Q., Reitzel, L. R., Vijayaraghavan, M., Kendzor, D. E., Hébert, E. T., Rash, C. J., & Businelle, M. S. (March 2017). Relationship between income and cigarette purchasing patterns among homeless adults. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Florence, Italy.
63. \*Solari Williams, K. D. Hernandez D.C., Arlinghaus, K., Reitzel L. R., Vidrine, J., Vidrine, D., Kendzor, D. E., & **Businelle, M. S.** (March 2017). Nutrition and distress intolerance as potential links between food insecurity and poor physical and mental health among homeless adults. **Poster presented at the 2017 American Academy of Health Behaviors Conference, Tucson, AZ.**
64. \*Hébert, E. T., Kendzor, D. E., Ma, P., & **Businelle, M. S.** (January 2017). Momentary measures of urge, stress, cigarette availability, cessation motivation, alcohol use, and interacting with someone smoking predict daily post-cessation smoking status. Poster presented at the 2017 Stephenson Cancer Center Research Symposium. Oklahoma City, Oklahoma.
65. \*Hébert, E. T., Stevens, E. M., Frank, S. G., Ma, P., Kendzor, D. E., & **Businelle, M. S.** (January 2017). The effectiveness of a tailored, real time smartphone intervention for reducing smoking lapse risk. Award winning poster presented at the 2017 Stephenson Cancer Center Research Symposium. Oklahoma City, Oklahoma.
66. \*Waters, A. F., **Businelle, M. S.**, Frank, S. G., & Kendzor, D. E. (March 2017). Underlying mechanisms linking contingency management with smoking cessation in a socioeconomically disadvantaged population. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Florence, Italy.
67. Kendzor, D. E., **Businelle, M. S.**, \*Waters, A. F., & \*H**é**bert, E. T. (March 2017). Financial strain indirectly influences smoking cessation through depression, sleep quality, and withdrawal symptom. Poster presented at the 2017 Society for Research on Nicotine and Tobacco Conference, Florence, Italy.
68. **\*Hébert, E. T., Kendzor, D. E., Ma, P., & Businelle, M. S.** (March 2017). **Daily post-cessation smoking status is related to momentary measures of urge, stress, cigarette availability, cessation motivation, alcohol use, and interacting with someone smoking.** Poster presented at the 2017 Society for Research on Nicotine and Tobacco Conference, Florence, Italy.
69. **\*Hébert, E. T., Kendzor, D. E., Ma, P., & Businelle, M. S.** (March 2017). **Parsimonious smoking lapse risk estimation among socioeconomically disadvantaged smokers using ecological momentary assessments.** Poster presented at the 2017 Society for Research on Nicotine and Tobacco Conference, Florence, Italy.
70. **Hernandez D.C., \*Arlinghaus, K., Reitzel L. R., Vidrine, J., Vidrine, D., Kendzor, D. E., & Businelle, M. S.** (March 2017). **Gender differences in the cumulative risk factors associated with food insecurity among homeless adults. Poster presented at the 2017 American Academy of Health Behaviors Conference, Tucson, AZ**
71. Santa Maria, D., Padhye, N. S., Gallardo, K., Johnson, K., Swain, H., Tortolero-Emery, S., & **Businelle, M. S.** Use of Ecological Momentary Assessment to Determine the Relation between Stress and Sexual Risk Behaviors among Homeless Youth. Poster presented at the 2016 Council on the Advancement of Nursing Science.
72. **\*Hébert, E. T., Vandewater, E. V., Businelle, M. S., Harrell, M. B., Kelder, S. H., & Perry, C. L. (November 2016). Real-time affective response to tobacco product messages and intentions to use in young adults. Poster presentation at the NIH Tobacco Centers of Regulatory Science Fall 2016 TCORS Grantee Meeting, Bethesda, MD.**
73. **\*Case, K., \*Cooper, M., Raese, K., Vandewater, E., Businelle, M. S., & Perry, C. L. (November 2016). Measuring e-cigarette use in real-time: Preliminary data from a study of young adult e-cigarette users. Poster presentation at the NIH Tobacco Centers of Regulatory Science Fall 2016 TCORS Grantee Meeting, Bethesda, MD.**
74. **\*Wrighting, Q., Businelle, M.S., Kendzor, D. E., & Reitzel, L. R. (October 2016). Relationship between cigarette purchasing patterns, readiness to quit, and quit attempts among homeless smokers. Award winning poster presented at the University of Houston Undergraduate Research Day, Houston, TX.**
75. \*Knell, G., Gabriel, K. P., **Businelle, M. S.**, Shuval, K., & Kendzor, D. E. (June 2016). Convergent validity of ecological momentary assessment to assess free-living sedentary behavior and physical activity. Thematic poster presentation at the American College of Sports Medicine 63rd Annual Meeting. Boston, MA.
76. \*Ma, P., Kendzor, D. E., Reitzel, L. R., & **Businelle, M. S.** (February 2016). Post-quit stress mediates the association between subjective social status and smoking cessation among socioeconomically disadvantaged smokers making a quit attempt. Poster presented at the 2016 Society for Research on Nicotine and Tobacco Conference, Chicago, IL.
77. Bandiera, F. C., Atem, F., \*Ma, P., **Businelle, M. S.**, & Kendzor, D. E. (February 2016). Post-quit stress mediates the relation between social support and smoking cessation among socioeconomically disadvantaged adults. Poster presented at the 2016 Society for Research on Nicotine and Tobacco Conference, Chicago, IL. \*\*Best abstract travel award recipient.\*\*
78. \*Moisiuc, A., **Businelle, M.S.**, Kendzor, D. E., Washington, C., \*Childress, S.D., & Reitzel, L.R. (February 2016). Association of homeless adults’ social networks/support and health behaviors. Poster presented at the 16th annual meeting for the American Academy of Health Behavior, Ponte Vedra Beach, FL.
79. \*Wrighting, Q., **Businelle, M.S.**, Kendzor, D. E., & Reitzel, L. R. (February 2016). Relationship between cigarette purchasing patterns, readiness to quit, and quit attempts among homeless smokers. Poster presented at the 16th annual meeting for the American Academy of Health Behavior, Ponte Vedra Beach, FL.
80. \*Moisiuc, A., Reitzel, L. R., Washington, C., \*Childress, S., Kendzor, D. E., & **Businelle, M. S.** (April 2015). Interplay of social networks/support and homeless adults’ health behaviors. Poster presented at the 2015 Houston Symposium for Research in Education and Psychology. Houston, Texas.
81. \*Garey, L., Reitzel, L. R., \*Bakhshaie, J., Kendzor, D. E., Zvolensky, M. J., & **Businelle, M. S.** (March 2015). Subjective social status and readiness to quit among homeless smokers. Poster presented at the 15th annual meeting for the American Academy of Health Behavior, San Antonio, TX.
82. \*Ma, P., Kendzor, D. E., Balis, D. S., & **Businelle, M. S.** (March 2015). The momentary effects of negative affect and stress on smoking urges differ for those prescribed nicotine replacement therapy and varenicline. Poster presented at the Annual American Academy of Health Behavior Meeting. San Antonio, Texas.
83. \*Ma, P., **Businelle, M. S.**, Balis, D. S., & Kendzor, D. E. (March 2015). Perceived interpersonal social support predicts smoking cessation in socioeconomically disadvantaged smokers. Poster presented at the Annual American Academy of Health Behavior Meeting. San Antonio, Texas.
84. \*Aldridge, J. D., **Businelle, M. S.**, Reitzel, L. R., \*Avani, P. S., \*Fisher, F. D., & Kendzor, D. E. (March 2015). Mental health correlates of obesity, diet, and physical activity in homeless adults. Poster presented at the Annual American Academy of Health Behavior Meeting. San Antonio, Texas.
85. \*Childress, S. D., Reitzel, L. R., Santa Maria, D. M., Kendzor, D. E., \*Moisiuc, A., **Businelle, M. S.** (March 2015). Relationship of youth onset homelessness with mental illness and substance use problems among homeless adults. Poster presented at the 15th Annual American Academy of Health Behavior Meeting. San Antonio, Texas.
86. \*Nguyen, M-A, Reitzel, L. R., Kendzor, D. E., & **Businelle, M. S.** (March 2015). Cessation treatment preferences and barriers among light versus moderate/heavy homeless smokers. Poster presented at the 15th Annual American Academy of Health Behavior Meeting. San Antonio, Texas.
87. \*Moisiuc, A., Reitzel, L. R., Kendzor, D. E., \*Childress, S., & **Businelle, M. S.** (March 2015). Determinants of social status among homeless adults. Poster presented at the 15th Annual American Academy of Health Behavior Meeting. San Antonio, Texas.
88. \*Ma, P., **Businelle, M. S.**, Kendzor, D. E., \*Poonawalla, I. B., & Balis, D. S. (February 2015). Daily nicotine patch wear time is associated with smoking cessation among socioeconomically disadvantaged smokers making a quit attempt. Poster presented at the Society for Research on Nicotine and Tobacco Meeting. Philadelphia, Pennsylvania.
89. \*Ma, P., Kendzor, D. E., **Businelle, M. S.**, & Balis, D. S. (February 2015). The influence of neighborhood disorder on smoking cessation among socioeconomically disadvantaged smokers participating in treatment. Poster presented at the Society for Research on Nicotine and Tobacco Meeting. Philadelphia, Pennsylvania.
90. \*Chang, H-L., Reitzel, L. R., Kendzor, D. E., \*Nguyen, M-A, & **Businelle, M. S.** (April 2014). Sleep inadequacy and self-rated health among homeless adults. Poster presented at the 2014 Houston Symposium for Research in Education and Psychology. Houston, Texas.
91. \*Moisiuc, A., Reitzel, L. R., Kendzor, D. E., \*Childress, S., & **Businelle, M. S.** (April 2014). Determinants of social status among homeless adults. Poster presented at the 2014 Houston Symposium for Research in Education and Psychology. Houston, Texas.
92. \*Nguyen, M-A, Reitzel, L. R., Kendzor, D. E., & **Businelle, M.S.** (April 2014). Homeless smokers’ cessation treatment preferences and differences by smoking level. Paper presented at the 2014 Houston Symposium for Research in Education and Psychology. Houston, Texas.
93. \*Okamoto, H., Reitzel, L. R., Hernandez, D. C., Kendzor, D. E., \*Kish, D., & **Businelle, M.S.** (April 2014). Mindfulness is associated with stress among homeless adults. Poster presented at the 2014 Houston Symposium for Research in Education and Psychology. Houston, Texas.
94. \*Childress, S., Reitzel, L. R., Santa Maria, D., Kendzor, D. E., & \*Moisiuc, A., **Businelle, M.S.** (April 2014). Associations of early onset homelessness with mental illness and substance use problems among homeless adults. Poster presented at the 2014 Houston Symposium for Research in Education and Psychology. Houston, Texas.
95. \*Rios, D. M., **Businelle, M. S.**, Kendzor, D. E., \*Kesh, A., \*Cuate, E. L., \*Poonawalla, I. B.,Reitzel, L. R., Okuyemi, K., & Wetter, D. W. (February 2014). Small financial incentives increase smoking cessation in homeless smokers: A pilot study. Rapid submission poster presented at the Annual Meeting of the Society for Research on Nicotine and Tobacco, Seattle, Washington.
96. \*Kish, D. H., Reitzel, L. R.,Kendzor, D. E., \*Okamoto, H., & **Businelle, M. S.** (February 2014). Characterizing new and emerging tobacco product use among homeless cigarette smokers. Rapid submission poster presented at the Annual Meeting of the Society for Research on Nicotine and Tobacco, Seattle, Washington.
97. **Businelle, M. S.**, Kendzor, D. E., Phillips, N., Dunn, J., Bernstein, I. H., \*Ma, P., & Wetter, D. W. (February 2014). Using smart phones to identify predictors of cessation in homeless smokers during a quit attempt. Poster presented at the Annual Meeting of the Society for Research on Nicotine and Tobacco, Seattle, Washington.
98. Wilson, V. B., Mitchell, S. H., & **Businelle, M. S.** (February 2014). Smoking characteristics and delay discounting in homeless smokers. Poster presented at the 2014 meeting of the Society for Research on Nicotine and Tobacco. Seattle, Washington.
99. Kendzor, D. E., **Businelle, M. S.**, Reitzel, L. R., \*Rios, D. E., Scheurerman, T. S., Pulvers, K., Ahluwalia, J. S. (February 2014). Everyday discrimination is associated with nicotine dependence in African American, Latino, and White smokers. Poster presented at the 2014 meeting of the Society for Research on Nicotine and Tobacco. Seattle, Washington.
100. Kendzor, D. E., **Businelle, M. S.**, \*Poonawalla, I. B., \*Cuate, E., \*Kesh, A, \*Rios, D. M., Balis, D. (February 2014). Financial incentives promote abstinence in socioeconomically disadvantaged smokers. Poster presented the 2014 meeting of the Society for Research on Nicotine and Tobacco. Seattle, Washington.
101. Reitzel, L. R., Kendzor, D. E., \*Nguyen, N., Regan, S. D., Okuyemi, K. S., Castro, Y., Wetter, D. W., **Businelle, M. S.** (February 2014). Shelter proximity and real-time affect among homeless smokers making a quit attempt. Poster presented at the Annual Meeting of the Society for Research on Nicotine & Tobacco. Seattle, Washington.
102. \*Cuate, E. L., **Businelle, M. S.**, Kendzor, D. E., \*Rios, D. M., \*Poonawalla, I. B., Savoy, E. J., Fisher, F. D., Advani, P. S., & Reitzel, L. R. (March 2014). Health risk factors and health problems in a sheltered homeless population. Poster presented at the annual meeting of the American Academy of Health Behavior. Charleston, South Carolina.
103. \*Rios, D. M., \*Cuate, E. L., \*Poonawalla, I. B., \*Hillert, T., **Businelle, M. S.**, Reitzel, L. R., Wetter, D. W., Kendzor, D. E. (March 2014). Stress and negative affect are associated with greater fast food consumption. Poster presented at the 2014 annual meeting of American Academy of Health Behavior, Charleston, South Carolina.
104. \*Poonawalla, I. B., **Businelle, M. S.**, Kendzor, D. E., \*Cuate, E. L., \*Rios, D., Savoy, E. J., Fisher, F. D., Advani, P. S., Reitzel, L. R. (March 2014). Smoking policy change at a homeless shelter: Attitudes and effects among shelter residents. Poster presented at the annual meeting of the American Academy of Health Behavior. Charleston, South Carolina.
105. Castro, Y., Cano, M. A., **Businelle, M. S.**, Correa-Fernandez, V., & Wetter, D. W. (June 2013). A cross-lagged path analysis of five intrapersonal determinants of smoking cessation. Poster presented at the 2013 meeting of the College on Problems of Drug Dependence, San Diego, California.
106. **Businelle, M. S.**, \*Cuate, E. L., \*Kesh, A., \*Poonawalla, I. B., Phillips, N., Dunn, J., & Kendzor, D. E. (March 2013). Characteristics of homeless smokers seeking cessation treatment. Poster presented at the 2013 meeting of the Society for Research on Nicotine and Tobacco, Boston, Massachusetts.
107. **Businelle, M. S.**, Kendzor, D. E., \*Cuate, E. L., \*Kesh, A., & \*Poonawalla, I. B. (March 2013). Using smart phones to collect momentary data among sheltered homeless smokers. Poster presented at the 2013 meeting of the Society for Research on Nicotine and Tobacco, Boston, Massachusetts.
108. **Businelle, M. S.**, Kendzor, D. E., \*Poonawalla, I. B., \*Cuate, E. L., \*Kesh, A., Cheng, D., & Balis, D. (March 2013). Momentary predictors of abstinence among socioeconomically disadvantaged smokers participating in cessation treatment. Poster presented at the 2013 meeting of the Society for Research on Nicotine and Tobacco, Boston, Massachusetts.
109. \*Cuate, E. L., \*Poonawalla, I. B., \*Kesh, A., Balis, D., Kendzor, D. E., & **Businelle, M. S.** (March 2013). Poor physical and mental health are associated with non-abstinence among socioeconomically disadvantaged smokers following a quit attempt. Poster presented at the 2013 meeting of the Society for Research on Nicotine and Tobacco, Boston, Massachusetts.
110. Kendzor, D. E., \*Poonawalla, I. B., \*Cuate, E. L., \*Kesh, A., Balis, D., & **Businelle, M. S.**, (March 2013). Discrimination is associated with non-abstinence among socioeconomically disadvantaged smokers participating in a smoking cessation program. Poster presented at the 2013 meeting of the Society for Research on Nicotine and Tobacco, Boston, Massachusetts.
111. \*Kesh, A., \*Poonawalla, I. B., \*Cuate, E. L., Balis, D., Kendzor, D. E.,& **Businelle, M. S.** (March 2013). The association between nicotine dependence and abstinence among socioeconomically disadvantaged smokers during the first twelve weeks following a quit attempt. Poster presented at the 2013 meeting of the Society for Research on Nicotine and Tobacco, Boston, Massachusetts.
112. \*Poonawalla, I. B., \*Cuate, E. L., \*Kesh, A., Balis, D., **Businelle, M. S.**, & Kendzor, D. E. (March 2013). Predictors of varenicline and nicotine patch non-adherence among socioeconomically disadvantaged smokers participating in a smoking cessation treatment program. Poster presented at the 2013 meeting of the Society for Research on Nicotine and Tobacco, Boston, Massachusetts.
113. \*Poonawalla, I. B., \*Cuate, E. L., \*Kesh, A., Balis, D., Kendzor, D. E., & **Businelle, M. S.** (March 2013). Exposure to neighborhood violence interferes with making a quit attempt among socioeconomically disadvantaged smokers. Poster presented at the 2013 meeting of the Society for Research on Nicotine and Tobacco, Boston, Massachusetts.
114. Kendzor, D. E., **Businelle, M. S.**, \*Poonawalla, I. B., \*Cuate, E., & Balis, D. (May 2012). Contingency management promotes smoking abstinence among economically disadvantaged patients of an urban safety net hospital. Poster presented at the Parkland Hospital Research Symposium. Dallas, TX.
115. Kendzor, D. E., **Businelle, M. S.**, \*Poonawalla, I. B., \*Cuate, E., & Balis, D. (March 2012). Contingency management promotes smoking abstinence among economically disadvantaged patients of an urban safety net hospital. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Houston, TX.
116. **Businelle, M.S.**, Kendzor, D.E., Reitzel, L.R., Castro, Y., Vidrine, J.I., Li, Y., Mullen, P.D., Velasquez, M.M., Cinciripini, P.M., Cofta-Woerpel, L., & Wetter, D.W. (February 2010). Pathways linking socioeconomic status and postpartum smoking relapse among women who quit smoking during pregnancy. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco. Baltimore, Maryland.
117. Kendzor, D. E., **Businelle, M. S.**, Costello, T. J., Castro, Y., Reitzel, L. R., Vidrine, J. I., Li, Y., Mullen, P. D., Velasquez, M. M., Cinciripini, P. M., Cofta-Woerpel, L. M., & Wetter, D. W. (February 2010). Early breastfeeding predicts continued smoking abstinence among women who quit smoking due to pregnancy. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, Maryland.
118. Vidrine, J. I., **Businelle, M. S.**, Cinciripini, P., Li, Y., Marcus, M., Waters, A. J., Reitzel, L. R., & Wetter, D. W. (April 2009). Associations of Mindfulness with Nicotine Dependence, Withdrawal, and Agency. Poster presented at the International Meeting of the Society for Research on Nicotine and Tobacco. Dublin, Ireland.
119. Rash, C. J., Scalfani, M., **Businelle, M. S.**, Kendzor, D. E., Martin, B., Kulesza, M., & Copeland, A. L. (April 2009). Nondeprived smokers report more prospective memory errors than nonsmokers. Poster presented at the International Meeting of the Society for Research on Nicotine and Tobacco. Dublin, Ireland.
120. **Businelle, M. S.**, Kendzor, D. E., Costello, T. J., Cofta-Woerpel, L., Li, Y., Mazas, C. A., Vidrine, J. I., Reitzel, L. R., Cinciripini, P. M., Ahluwalia, J. S., & Wetter, D. W. (May 2008). Light versus heavy smoking among African-American men and women. Poster presented at the University of Texas M.D. Anderson Cancer Center annual Trainee Research Day poster competition.
121. **Businelle, M. S.**, Apperson, M. R., Terlecki, M. A., Kendzor, D. E., Kulesza, M., Baillie, L., & Copeland, A. L. (February 2008). The relative impact of nicotine dependence versus other substance dependence on decision-making. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco. Portland, Oregon.
122. **Businelle, M. S.**, Parker, J. D., May, R. K., Kendzor, D. E., & Burke, R. S. (November 2007). Effects of contingency management on continuing care participation following residential substance abuse treatment. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies. Philadelphia, Pennsylvania.
123. Rash, C. J., **Businelle, M. S.**, Kendzor, D. E., & Copeland, A. L. (November 2006). Measurement of Nicotine Withdrawal in a Sample of College Smokers.Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies. Chicago, Illinois.
124. Rash, C. J., **Businelle, M. S.**, Kendzor, D. E., Patterson, S. M., & Copeland, A. L. (February 2006). State-specific effects of withdrawal in college smokers. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco. Orlando, Florida.
125. Copeland, A. L., Kendzor, D. E., **Businelle, M. S.**, Patterson, S. M., Rash, C. J. & Williamson, D. A. (February 2006). Tobacco prevention program for children: A two-year longitudinal study. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco. Orlando, Florida.
126. Geiselman, P. J., Martin, P. D., Copeland, A. L., Ryan, D. H., Apperson, M. R., **Businelle, M. S.**, and Kendzor, D. E. (October 2005). Food intake and prandial changes in hedonic responses to foods in postmenopausal, African-American and Caucasian women following smoking cessation. Poster presented at the annual meeting of the North American Association for the Study of Obesity. Vancouver, Canada.
127. Kendzor, D. E., **Businelle, M. S.**, Williamson, D., & Copeland, A. L. (November 2005). Weight related concerns associated with smoking in children. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies. Washington DC.
128. Creel, D. B., Williamson, D. A., Copeland, A. L., & **Businelle, M. S.** (November 2005). Development of the Health and Religious Congruency Scale. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies. Washington DC.
129. Copeland, A. L., Kendzor, D. E., Clendenin, A., Patterson, S. M., **Businelle, M. S**., & Rash, C. J. (March 2005). Tobacco prevention program for 2nd – 7th graders: Year 1 findings from a longitudinal study. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco. Prague, Czech Republic.
130. Geiselman, P. J., Martin, P. D., Copeland, A. L., Ryan, D. H., **Businelle, M. S.**, & Kendzor, D. E. (June 2004). Postcessation increase in food intake in women. Poster presented at the annual meeting of the International Behavioral Neuroscience Society. Key West, Florida.
131. **Businelle, M. S.**, Patterson, S. M., Kendzor, D. E., Rash, C. J., & Copeland, A. L. (February 2004). Heavy smokers choose large, immediate rewards with large penalties on a simulated task of gambling. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco. Scottsdale, Arizona.
132. **Businelle, M. S.**, Patterson, S. M., Loupe, V. A., & A. L. Copeland. (June 2003). The Development and Validation of the Club Drugs Beliefs Questionnaires. Poster presented at the annual meeting of the College on Problems of Drug Dependence. Bal Harbour, Florida.

**INVITED TALKS (e.g., Grand Rounds, Special Seminars)**

1. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (October, 2019). *University of Minnesota (Masonic Cancer Center) Tobacco Research Programs Seminar Series.* Minneapolis, Minnesota.
2. How to Integrate Smartphone-Based Symptom Assessments and Treatments into YOUR Research Using the SCC mHealth Shared Resource: A Step-by-Step Guide. (October, 2019). *Gynecologic Cancers Program Think Tank Series*. Oklahoma City, Oklahoma.
3. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (September, 2019). *Cancer Prevention and Control Grand Rounds at* *M D Anderson Cancer Center*. Houston, Texas.
4. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (September, 2019). *Grand Rounds at the University of Alabama Birmingham*. Birmingham, Alabama.
5. Using Smartphones and Sensors to Identify and Intervene Upon Mechanisms of Behavior Change (June, 2019). *OU Medicine Analytics Meeting*. Oklahoma City, Oklahoma.
6. Taking Smoking Cessation Interventions Mobile – The Smart Treatment (Smart-T) Projects. (April, 2019). *OU Fit Lunch and Learn.* Oklahoma City, Oklahoma.
7. Using the Insight mHealth Platform and Integrated Biosensors to Improve Health Outcomes. (March, 2019). *3rd Annual OU-OUHSC Biomedical Engineering Symposium*. Oklahoma City, Oklahoma.
8. Developing Smartphone Based Assessments and Just-in-Time Adaptive Interventions. (January, 2019). *University of Oklahoma Health Sciences Center Department of Periodontics*. Oklahoma City, Oklahoma.
9. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change. (October 2018). *Moffitt Cancer Center Mini-Conference on Using Technology for Data Collection and Intervention*. Tampa, Florida.
10. Developing Smartphone Based Assessments and Just-in-Time Adaptive Interventions. (August 2018). *University of North Texas Health Sciences Center School of Public Health Grand Rounds.* Fort Worth, Texas.
11. Project Phoenix: A Smartphone Based Smoking Cessation Induction Trial. (June 2018). *Oklahoma Tobacco Research Center Journal Club*. Oklahoma City, Oklahoma.
12. Using the Insight mHealth Platform to Develop Smartphone Based Assessments and Interventions. (March 2018). *Center for Health Promotion and Prevention Research Lunch and Learn, University of Texas School of Public Health*, Houston, Texas.
13. Developing and Testing Smartphone Based Assessments and Interventions. (March 2018)*. Hematology/Oncology Grand Rounds, Stephenson Cancer Center.* Oklahoma City, Oklahoma.
14. Developing and Testing Smartphone Based Assessments and Interventions. (February 2018)*. Harold Hamm Diabetes Center at the University of Oklahoma.* Oklahoma City, Oklahoma.
15. Developing Smartphone Based Assessments and Just-in-Time Adaptive Interventions. (February 2018). *University of North Texas Psychology Department*. Denton, Texas.
16. Developing and Testing Smartphone Based Assessments and Interventions. (November 2017). Rehabilitation Sciences. *College of Allied Health, University of Oklahoma Health Sciences Center.* Oklahoma City, Oklahoma.
17. Using Intensive Longitudinal Data to Identify and Intervene Upon Mechanisms of Behavior Change in Socioeconomically Disadvantaged Adults. (November 2017). *American Cancer Society*. Atlanta, Georgia.
18. Developing and Testing Smartphone Based Assessments and Interventions. (October 2017). Pediatric Hematology/Oncology Faculty Research Conference. *University of Oklahoma Health Sciences Center Department of Pediatrics*. Oklahoma City, Oklahoma.
19. Using the OTRC mHealth Resource to Identify and Intervene Upon Mechanisms of Behavior Change (April 2017). *University of Oklahoma Health Sciences Center College of Public Health Seminar*. Oklahoma City, Oklahoma.
20. Using the OTRC mHealth Resource to Identify and Intervene Upon Mechanisms of Behavior Change (March 2017). *Oklahoma State University Clinical Psychology Colloquium*. Stillwater, Oklahoma.
21. The Mobile Health Shared Resource: Description of Services. (December 2016). *Family Medicine Research Forum*. Oklahoma City, Oklahoma.
22. Invited speaker at the *American Cancer Society Cancer Action Network* annual Oklahoma City Cancer Policy Forum. (November 2016). Oklahoma City, OK.
23. Complex human activity recognition using smartphone and wrist-worn motion sensors. (July 2016). *Oklahoma Tobacco Research Center Journal Club*. Oklahoma City, Oklahoma.
24. Momentary Assessment and Just-in-Time Interventions in Socioeconomically Disadvantaged Smokers. (May 2016). *American Cancer Center*. Oklahoma City, Oklahoma.
25. Reducing Health Disparities Among Homeless Adults. (February 2016). *Family Medicine Research Forum*. Oklahoma City, Oklahoma.
26. Momentary Assessment and Just-in-Time Interventions in Socioeconomically Disadvantaged Populations. (July 2015). *Oklahoma Tobacco Research Center/Stephenson Cancer Center/University of Oklahoma*. Oklahoma City, Oklahoma.
27. Momentary Assessment and Just-in-Time Interventions in Socioeconomically Disadvantaged Populations. (April 2015). *Veterans Homelessness Research Interest Group*. Webinar from Dallas, Texas to VA cites around the United States.
28. Innovative Interventions for Socioeconomically Disadvantaged Smokers. (November 2014). *Austin Campus of the University of Texas School of Public Health*. Austin, TX.
29. Using Ecological Momentary Assessment in Socioeconomically Disadvantaged Populations. (April 2014). *University of North Texas School of Public Health*. Fort Worth, TX.
30. Innovative Interventions for Socioeconomically Disadvantaged Smokers. (March 2014). *University of Texas Southwestern Medical School Second Year Medical Students*. Dallas, TX.
31. Innovative Interventions for Socioeconomically Disadvantaged Smokers. (February 2014). *Parkland Hospital Tobacco Cessation Clinic*. Dallas, TX.
32. Addressing Health Disparities Among People Experiencing Homelessness: From Research to Policy Change. (November 2013). *Parkland Hospital*. Dallas, TX.
33. Cessation Strategies and Tools to Aid Smoking Cessation. (November 2013). *American Cancer Society Sponsored Talk at Samsung Telecommunications.* Richardson, TX, Simulcast to 10 campuses across the US.
34. Reducing Health Disparities among Homeless Adults. (November 2013). *University of Texas Southwestern Medical Center, Clinical Psychology Program*. Dallas, TX.
35. Reducing Cancer Disparities using Mobile Technology (April 2013). *American Cancer Society Cattle Baron's Ball Fundraiser*. Dallas, TX.
36. Smoking and Smoking Cessation in a Homeless Sample of Smokers Seeking Cessation Treatment (March 2013). *The Bridge Homeless Assistance Center*, Dallas, TX.
37. Reducing Tobacco Related Disparities among Homeless Adults (February 2013). *Center for Brain Health*. Dallas, TX.
38. Healthy Lungs. Smoking and Smoking Cessation in America (January 2013). *University of Texas Southwestern Medical Center Lunch and Learn*. Dallas, TX.
39. Socioeconomic Disparities in Smoking Cessation: Understanding the Mechanisms. (December 2009). *St. Jude Children’s Research Hospital & The University of Memphis School of Public Health*. Memphis, TN.
40. Socioeconomic Disparities in Smoking Cessation: Understanding the Mechanisms. (December 2009). *The University of Texas MD Anderson Cancer Center Grand Rounds*. Houston, TX.
41. Socioeconomic Disparities in Smoking Cessation: Understanding the Mechanisms. (November 2009). *The University of Texas School of Public Health*, Dallas Campus. Dallas, TX.
42. Smoking, Pregnancy, and Health Disparities. (November 2009). *The University of Texas MD Anderson Cancer Center*. Division of Cancer Prevention and Population Science Grand Rounds, Houston, TX.
43. Decision-Making in Individuals Who Abuse Substances. (February 2007). J*ohns Hopkins Bayview Medical Center*, Department of Psychiatry and Behavioral Sciences, Baltimore, MD.
44. Decision-Making in Individuals with Substance Use Disorders: Implications for Treatment. (February 2007). *University of Connecticut Health Center*, Department of Psychiatry, Farmington, CT.

**TEACHING/LECTURING EXPERIENCE**

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| **Courses and Guest Lectures at the University of Oklahoma Health Sciences Center** |
| **Semester** | **Course** |
| Spring 2019 | CTS 5133 Foundations in Translational Research |
| Summer 2018  | OTRC Summer Scholars Seminar on “Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change |
| Summer 2018 | OTRC Journal Club on the Development of Project Phoenix, a Smoking Cessation Induction Trial |
| Spring 2018 | CTS 5133 Foundations in Translational Research |
| Fall 2017Summer 2017 | OTRC Training Program Postdoctoral Fellow Seminar on Intervening to Address Health Disparities among Homeless AdultsOTRC Summer Scholars Seminar on developing mHealth interventions |
| Spring 2017 | OTRC Training Program Postdoctoral Fellow Grant Writing Workshop |
| Spring 2017 | presented |
| Spring 2016 | CTS 5133 Foundations in Translational Research |
| Summer 2016Fall 2016 | OTRC Summer Scholars Seminar on developing mHealth interventionsOTRC Postdoctoral Fellow Seminar on developing mHealth interventions |

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| **Courses Taught at the University of Texas School of Public Health (UTSPH)** |
| **Semester** | **Course** | **Role** | **Students Enrolled** | **Instructor Effectiveness\*** |
| Spring 2015 | Health Promotion Theory & Methods I via ITV (PH 1111) | Instructor (100%) | 24 | 4.00 |
| Spring 2014 | Health Promotion Theory & Methods I via ITV (PH 1111) | Instructor (100%) | 19 | 4.17 |
| Spring 2014 | Health Promotion Theory & Methods I: A Teaching/Learning Experience for Doctoral Students via ITV (PH 1122) | Instructor (100%) | 6 | 4.17 |
| Spring 2013 | Health Promotion Theory & Methods I via ITV (PH 1111) | Instructor (100%) | 17 | 3.67 |
| Spring 2013 | Health Promotion Theory & Methods I: A Teaching/Learning Experience for Doctoral Students via ITV (PH 1122) | Instructor (100%) | 6 | 4.33 |
| Spring 2012 | Health Promotion Theory & Methods I via ITV (PH 1111) | Instructor (100%) | 23 | 4.14 |
| Spring 2011 | Health Promotion Theory & Methods I via ITV (PH 1111) | Instructor (100%) | 21 | 4.50 |
| *\*Instructor effectiveness is rated by students on a 5-point scale from 1 (very poor) to 5 (very good).* |
| **Guest Lectures Taught at the UTSPH** |
| **Semester** | **Course** |
| Spring 2015 | Health Promotion and Behavioral Sciences Weekly Research Seminar (PH 1433 & PH1434) |
| Fall 2013 | Health Promotion and Behavioral Sciences Weekly Research Seminar (PH 1433 & PH1434) |
| Fall 2012 | Health Promotion and Behavioral Sciences Weekly Research Seminar (PH 1433 & PH1434) |
| Fall 2010 | Health Promotion and Behavioral Sciences Weekly Research Seminar (PH 1433 & PH1434) |
| **Courses Taught at Louisiana State University (LSU)** |
| **Semester** | **Course** | **Role** |
| Summer 2005 | Psychology of Adjustment | Instructor (100%) |
| Fall 2001 | Clinical and Counseling Psychology | Co-Instructor (20%) |
|  |  |   |
| **Guest Lectures at LSU** |
| **Semesters** | **Courses** | **Lecture Topics** |
| Fall 2003 – Spring 2005 | Advanced Child Development; Introduction to Psychology; Abnormal Psychology | Drug and Alcohol Abuse and Dependence; Psychopathology |
| **Other Teaching Activities** |
| **Semester** | **Teaching Activity** | **Location** |
| August 2004 – May 2006 | Clinical Supervisor of Junior Clinical Psychology Graduate Students | Psychological Services Center, Louisiana State University, Baton Rouge, LA |

**ADVISING/MENTORING**

**Post-Doctoral Fellows**

|  |  |
| --- | --- |
| 11/2018-present6/2019-present | Ashley Cole, PhDMentorOklahoma State UniversityChaelin “Karen” Ra, PhDPrimary MentorUniversity of Oklahoma Health Sciences Center |
| 8/2016–present  | Emily Hébert, DrPHPrimary Mentor University of Oklahoma Health Sciences Center |
| 10/2013–12/2015 | Ping Ma, Ph.D.Co-Primary Mentor with Dr. Darla Kendzor Currently Tenure track Assistant Professor at Texas A&M (Fall 2017) |

**Dissertation Committee Member**

|  |  |
| --- | --- |
| 2015–2016 | Matthew Koslovsky University of Texas School of Public Health Status: Successful defense Fall 2016 |
| 2015–2017 | Annia RajaUniversity of Texas Southwestern Medical Center, Clinical Psychology Ph.D. Program Status: Successful defense Spring 2017 |
| 2015–2016 | Emily HébertUniversity of Texas School of Public Health Dissertation title: “Tobacco product message exposure and use in real-time: An ecological momentary assessment approach”Status: Successful defense Spring 2016 |
| 2014–2015 | Debra Rios University of Texas School of Public Health, Dr.P.H. ProgramDissertation Title: “Discrimination and health among socioeconomically disadvantaged populations”Status: Proposal successfully defended Fall 2015 |
| 2014–2015 | Elaine Savoy University of Houston, Clinical Psychology Ph.D. Program Dissertation title: “Examining Moment to Moment Affective Determinants of Smoking Rate Following a Quit Attempt in a Sample of Homeless Adult Daily Smokers: An Ecological Momentary Assessment”Status: Successful defense Summer 2015 |
| 2013–2014 | Rachel Funk, Ph.D. University of Texas Southwestern Medical Center, Clinical Psychology Ph.D. Program Dissertation title: “Longitudinal Changes in Quality of Life and Distress among Cancer Survivors Enrolled in a Community Survivorship Program”Status: Successful defense Summer 2014 |

**Ph.D. Qualifying Committee Member**

|  |  |
| --- | --- |
| 2012 | Tamara Brickham UTHealth School of Public Health Ph.D. Program in Management, Policy, and Community Health (MPACH)Status: Completed Summer 2012 |
| 2012 | Nickell M. Dixon UTHealth School of Public HealthPh.D. Program in Management, Policy, and Community Health (MPACH)Status: Completed Fall 2012 |

**Thesis Committee Member**

|  |  |
| --- | --- |
| 2014–2015  | Jasmin Aldridge University of Texas School of Public Health, M.P.H. ProgramThesis title: “The association of mental health with obesity, diet, and physical activity in sheltered homeless adults”Status: Graduated Spring 2015 |
| 2010–2011 | Vy Do University of Texas School of Public Health, M.P.H. ProgramThesis title: “Pediatric motivational interviewing to address obesity and overweight” Status: Graduated Spring 2011 |
| 2010–2011 | Sarah Fielding University of Texas Southwestern Medical Center at Dallas, Graduate School of Biomedical Sciences, M.S. ProgramThesis title: “Childhood trauma, adult psychosocial stress, and the prediction of alcohol consumption” Status: Graduated Spring 2011 |

**Practicum Students in Businelle/Kendzor Laboratory**

|  |  |
| --- | --- |
| Summer 2015 | Faith Onsongo |
| Summer 2014 | Jiesu Lee  |
| Fall 2011 | Erica Cuate |
| Summer 2013 | Meredith Leigh Cohen |
| Spring 2012 | Tiffany Hillert |

**OTRC Summer Scholars Students**

Summer 2019 Neal Rangu, University of Oklahoma

Summer 2017 Joseph Waring, University of Kentucky

Summer 2016 Aaron Waters, Louisiana State University Clinical Psychology PhD student

**CPRIT Summer Innovation In Cancer Prevention Research Experience (Undergraduate)**

|  |  |
| --- | --- |
| Summer 2015 | Marie Tan University of Texas, Austin, TX |
| Summer 2015 | Nicholas Patton University of Texas, Austin, TX |

**Other**

|  |  |
| --- | --- |
| 01/2015-05/2015 | Meghan DenningLab member, University of Texas School of Public Health M.P.H. student |
| 01/2014-05/2015 | Jasmin AldridgeLab member, University of Texas School of Public Health M.P.H. student |
| 09/2012–11/2014 | Debora RiosLab member, University of Texas School of Public Health Ph.D. student |
| 03/2011–12/2014 | Insiya Poonawalla, M.S. Lab member, University of Texas School of Public Health Ph.D. student |
| 08/2011–01/2014 | Erica Cuate, M.P.H.Lab member, University of Texas School of Public Health M.P.H. student After graduation, Erica was employed as a full-time study coordinator in my laboratory |
| 01/2012–05/2013 | Anshula Kesh, M.P.H.Lab member, University of Texas School of Public Health M.P.H. student  |

**MPH Student Advising**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Advisor to MPH Students** | **Years** |  | **Advisor to MPH Students** | **Years** |
| Donald Chitanda | 2010-2012 (grad) |  | Bhim Upreti | 2012-2013 (grad) |
| Josephine Emole | 2010 |  | Waqar Munaza | 2012-2012 (grad) |
| Clare Frey | 2010-2011 (grad) |  | Bradley Adams | 2012-2012 (grad) |
| Ashley Hickson | 2010-2011 (grad) |  | Gene Lee | 2012-2013 (grad) |
| Sunitha Malla | 2010 |  | Lauren Ruzicka | 2012-2015 |
| Sophia Serrano | 2010 |  | Erin Taylor | 2012-2015 (grad) |
| Carolyn Tolbert | 2010-2012 (grad) |  | Andrea Betts | 2013-2015 |
| Matthew Cvitanovich | 2011-2012 (grad) |  | Justin Stuart | 2013-2014 (grad) |
| Kathryn Martinez | 2011-2014 (grad) |  | Julia Koch | 2014 |
| James Miller | 2011-2013 (grad) |  | Srikala Appana | 2014-2015 |
| Jessica Pinckard | 2011-2013 (grad) |  | Lorraine Burkhalter | 2014-2015 |
| Chet Schrader | 2011 |  |  |  |
| Tiffany Hillert | 2012-2014 (grad) |  |  |  |

**NATIONAL SERVICE TO THE PROFESSION**

**Editorial Activities**

2017-2018 Guest Editor (with Dr. Darla Kendzor) for Special Issue on The use of Mobile Technology for Real-Time Assessment and Treatment of Substance Use Disorders in The American Journal of Drug and Alcohol Abuse

01/2016-present Editorial Board, The American Journal of Drug and Alcohol Abuse

**Grant Reviewing**

|  |  |
| --- | --- |
| 06/2019 | NIHSBIR Panel, San Diego, CA |
| 01/2019 | VAMC – Centers of Excellence, REAP Review Panel, Washington DC |
| 12/2017 – 4/2018 | California Tobacco-Related Disease Research Program (TRDRP) Social Behavioral Treatment study section |
| 06/2014 | National Cancer Institute (NCI) RFA: “Using Social Media to Understand and Address Substance Use and Addiction” (R21) |
| 06/2013 | Patient-Centered Outcomes Research Institute (PCORI) Cycle 3: “Addressing Disparities.” Scientific Review. Boston, MA |

***ad hoc* Journal Reviews**

*Addiction*

*Nicotine & Tobacco Research*

*Journal of Urban Health*

*American Journal of Drug and Alcohol Abuse*

*Journal of Medical Internet Research*

*American Journal of Public Health*

*American Journal of Psychiatry*

*Health Psychology*

*Social Science & Medicine*

*Drug and Alcohol Dependence*

*Addictive Behaviors*

*Psychology of Addictive Behaviors*

*Behavior Therapy*

 *Experimental and Clinical Psychopharmacology*

 *Journal of Health Care for the Poor and Underserved*

 *Psychopharmacology*

**Other Reviewing**

|  |  |
| --- | --- |
| 2019 | 2019 National Conference on Tobacco or HealthAbstract reviewer |
| 2015 | Wellcome Trust. Clinical Postdoctoral Training Fellowship application |
| 2014, 2015 | Society for Research on Nicotine and Tobacco (SRNT) Health Disparities Network Diversity Scholarship Applications2015 annual meeting of the SRNT, Philadelphia, PA |
| 2008, 2009, 2013 | Society for Research on Nicotine and Tobacco (SRNT) Reviewed of abstracts submitted for paper and poster presentations at the annual conference |
| 2005 | National Conference on Tobacco or HealthReviewed abstracts submitted for presentations and workshops at the annual conference |

**National Workgroups**

|  |  |
| --- | --- |
| Spring 2017–present | Co-Chair mHealth Cross-Network Workgroup, Society for Research on Nicotine and Tobacco (SRNT)* Goal: To develop and publish best practices for the development and evaluation of mHealth interventions for smokers
* To provide a critical source for scientists to reference in grants and scholarly articles
 |

**National Committees**

|  |  |
| --- | --- |
| February 2019-present | Member, Treatment Research Network Advisory Committee, SRNT |
| Summer 2017-2018 | Member, Clinical Program Committee for the 2018 SRNT Annual Meeting |
| 2017-pressent | Co-Chair SRNT mHealth Work Group  |
| Spring 2017–2019 | Co-Chair Treatment Network Education Committee, SRNT  |
| Summer 2013–present | Member, SRNT Disparities Network Committee  |
| Spring 2013–present | Member, SRNT Treatment Network Committee |
| 2013–2017 | Member, SRNT Treatment Network Education Committee |
|  | **Webinars Organized**:* Using mHealth Interventions for Underserved Smokers. Damon Vidrine, DrPH (2/15/18)
* Using the Phase-Based Model to Guide Treatment Development and Evaluation. Megan Piper, Ph.D. (1/24/18)
* Biochemical Verification of Tobacco Use and Cessation – An Update. Neal Benowitz, MD (10/13/17)
* Do Electronic Cigarettes Have Any Potential for Smoking Cessation? Chris Bullen, Ph.D. (12/16)
* Algorithm for Selecting Smoking Cessation Treatments. John Hughes, MD (10/2016)
* Dissemination and Implementation Research in Health. (10/7/15)
* The Application of Integrative Data Analysis in Substance Use Research. Patrick Curran, Ph.D. (9/2015)
* Transdiagnostic Processes Linking Psychopathology and Tobacco Addiction. Adam Leventhal, Ph.D. (6/2015)
* Missing Data in Smoking Cessation Trials. Don Hedeker, Ph.D. (01/2015)
* Tobacco-Related Disparities: SES, Context, and Smoking Cessation. David Wetter, Ph.D. (12/2014)
* Genetics and Personalized Smoking Cessation Treatment. LiShiun Chen, Nancy L. Sacccone, & Andrea Bergen. (11/2014)
* The Potential of mHealth for Tobacco Dependence Treatment: Domestic and international examples from NCI’s Smokefree.gov Initiative. Erik Augustson, Ph.D. (01/2014)
* Getting SMART about Developing Individualized Sequences of Health Interventions. Daniel Almirall, Ph.D. (09/2013)
 |

**SERVICE TO THE INSTITUTION**

**University of Oklahoma Health Sciences Center**

2019 (May) Co-Leader Stephenson Cancer Center Cancer Prevention and Control Program

2019-present Co-Director Oklahoma Tobacco Research Center

2019-present Stephenson Cancer Center Protocol Review and Monitoring Committee (PRMC)

2015-present Creator and Scientific Director of the NCI Designated Stephenson Cancer Center

 mHealth shared resource

2016-2017 Stephenson Cancer Center P30 Planning Committee

2016-present Stephenson Cancer Center Research Steering Committee

2016-present OTRC Faculty Search Committee

**University of Texas School of Public Health**

|  |  |
| --- | --- |
| 2011–2015 | Member, Dallas Regional Campus Subcommittee of the Faculty Council  |
| 2010–2015 | Member, Faculty Council |
| Summer 2014 | Member, Search Committee for Dallas Regional Campus faculty (Biostatistics position) |
| Fall 2013 & 2014 | Reviewer, Preliminary exam for HPBS doctoral students |
| Spring–Fall 2012 | Member, Committee to revise the Academic Incentive Plan |
| 2010 | Member, Committee to revise the Annual Activity Report and Peer Review System  |

**University of Texas Southwestern Medical Center (Host institution for the University of Texas School of Public Health Dallas Regional Campus)**

|  |  |
| --- | --- |
| 04/2013 | Panelist, “Life of an Academic Researcher,” Clinical Psychology Program |

**The University of Texas MD Anderson Cancer Center**

|  |  |
| --- | --- |
| 2008–2010 | Member, Trainee and Alumni Affairs Steering Committee |

**Louisiana State University**

|  |  |
| --- | --- |
| 2005 & 2006 | Student Representative, Clinical Applicants and Admissions CommitteeCo-Reviewer, Ph.D. Clinical Psychology Program |

**LOCAL SERVICE TO THE PROFESSION**

**Grant Reviewing**

|  |  |
| --- | --- |
| 2018, 2019 | Presbyterian Health Foundation Team Science Grant applications |
| 2016, 2018 | Oklahoma Tobacco Research Center Seed Grant Program, Oklahoma City, OK |
| Summer 2013 | University of Texas Southwestern Medical Center Community-Based Pilot Research Grants, Dallas, TX |
| 2003 | Office of Public Health/HIV/AIDS ProgramState of Louisiana, Department of Health and Hospitals, Baton Rouge, LA |

**SERVICE TO THE LOCAL COMMUNITY**

|  |  |
| --- | --- |
| 2012–2015 | Member, Committee to create a University of Texas Southwestern Medical Center–wide smoking cessation policy and tobacco cessation clinic |
| 2012–2015 | Developer/advisor of a University of Texas Southwestern Medical Center–wide smoking assessment system using the EMR |
| 10/2010–10/2015 | Volunteer Clinical Psychologist, The Bridge, Dallas, TXProvide weekly group psychotherapy to residents at the Bridge Transitional Shelter Program. Groups mainly focus on social support, problem-solving skills, stress management, and coping skills. |
| 2011 | Spearheaded the development of a smoking cessation clinic at The Bridge. This research led to a policy change at the shelter that banned smoking in half of the homeless shelter courtyard. |
| Spring 2004 | Dr. Joseph H. Tyler Mental Health Center, Lafayette, LACo-facilitator of a workshop focused on teaching Motivational Interviewing skills and techniques to a group of social workers |
| Summer 2001 | Brandt Industries Safety Department, Alexandria, LAProvided in-service to a group of offshore workers on the warning signs and treatment of substance abuse and dependence. |

## **SELECTED PRESS COMMUNICATIONS**

|  |  |
| --- | --- |
| January 2020 | Television interview by Channel 9 focused on the Phoenix app for smokers who are not yet ready to quit smoking. <https://www.news9.com/story/41571982/ou-med-researchers-develop-app-to-study-okla-smokers> |
| October, 2019 | Television interview by KOCO regarding the Smart-T3 smoking cessation app intervention. <https://www.koco.com/article/oklahoma-researcher-develops-smartphone-app-to-help-people-quit-smoking/30119071> |
| March, 2019 | OU Researcher developing app for smoking cessation. *The Journal Record*. <https://journalrecord.com/tag/michael-businelle/>  |
| March, 2018 | Tech vs. policy: Finding the best approach to combat homelessness. <https://www.smartcitiesdive.com/news/tech-vs-policy-finding-the-best-approach-to-combat-homelessness/518429/>  |
| February, 2018 | Interviewed about the Link2Care study on a local OKC news channel (KFOR). <http://kfor.com/2018/02/19/researchers-using-technology-to-help-keep-homeless-population-out-of-jail/> |
| December 2016 | Interviewed by Oklahoma Magazine for a piece published on Loosening Tobacco’s Grip: OTRC Expands Reach with Diverse Research Expertise. |
| September 2016 | Interviewed by April Wilkerson from the OU Medicine Magazine about my mHealth work. |
| September 2016 | Interviewed by Bonnie Rucker from Oklahoma Magazine about using smartphone apps to help people quit smoking. Article to appear in the Medical Feature. |
| September 2014 | Press release about my study that examined the effects of a partial smoking ban at a Dallas based homeless shelter. This press release was published on 10 online sites including *Medical News Today*. <http://www.medicalnewstoday.com/releases/282922.php>  |
| July 2014 | Interviewed by New Public Health, Robert Wood Johnson Foundation. Online media piece: Helping the Homeless Quit Smoking: Q&A with Michael Businelle and Darla Kendzor. <http://www.rwjf.org/en/blogs/new-public-health/2014/07/helping_the_homeless.html>  |
| June 2014 | Press release published in the *Dallas Morning News* about my smart phone–based smoking cessation treatment app. <http://www.dallasnews.com/business/columnists/robert-miller/20140601-north-texas-food-bank-kicks-off-its-largest-matching-challenge-ever.ece>  |
| June 2014 | Interviewed by Patrick Osborne from News 92 FM in Houston about my newly developed smoking cessation smart phone app. |
| December 2013 | Interviewed by Bill Hanna from the *Fort Worth Star Telegram* about my research on helping homeless smokers quit smoking. <http://www.star-telegram.com/2013/12/01/5380754/cutting-smoking-rates-among-those.html>  |
| August 2013 | Media piece on the 100th anniversary of the American Cancer Society in *D Magazine*. This piece focused on my cancer prevention research. |
| February 2013 | Quoted by Healthday.com regarding the relation between smoking urges and alcohol consumption in women who are undergoing a smoking cessation attempt. <http://consumer.healthday.com/Article.asp?AID=673463>  |
| February 2013 | Interviewed by News 92 FM in Houston regarding the relation between urges to smoke and alcohol consumption in women. |
| December 2012 | ASPPH Friday Letter. Piece highlighting my paper published in *Annals of Behavioral Medicine* that focuses on pathways linking socioeconomic status and smoking relapse in women who quit smoking due to pregnancy. |
| September 2011 | Interviewed by Health Behavior News Service regarding the Cohn et al. (2011) article that focused on the use of telephone apps to treat alcohol abuse. <http://medicalxpress.com/news/2011-09-proof-smartphone-apps-drinkers-alcohol.html>  |