

Curriculum Vitae

MICHAEL S. BUSINELLE, Ph.D.

Peggy and Charles Stephenson Endowed Chair in Cancer
 TSET Health Promotion Research Center
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 University of Oklahoma Health Sciences Center
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EDUCATION & TRAINING

- 07/2007–12/2009 Postdoctoral Fellowship in Cancer Prevention Research
 The 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 Psychology
 Louisiana State University, Baton Rouge, LA
- 08/1999–05/2001 Experimental Psychology Masters Student
 University of Louisiana – Lafayette, Lafayette, LA
- 12/1996 Bachelor of Science
 University of Southwestern Louisiana, Lafayette, LA

CURRENT POSITIONS

- 10/2015 – present Professor (Associate in 2015; Tenured in 2019; Full in 2021)
 Department of Family and Preventive Medicine
 TSET Health Promotion Research Center (previously Oklahoma Tobacco
 Research Center)
 University of Oklahoma Health Sciences Center, Oklahoma City, OK
- 5/2019 – present Co-Director
 TSET Health Promotion Research Center
 NCI Designated Stephenson Cancer Center, Oklahoma City, OK
- 10/2015 – present Member
 Cancer Prevention and Control Program (Interim CPC Co-Leader May 2019)
 NCI Designated Stephenson Cancer Center, Oklahoma City, OK
- 10/2015 – present Scientific Director
 mHealth Shared Resource
 NCI 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 5 programmers (e.g., computer scientists, engineers), a program manager,
 2 project coordinators, and a research technician. In the past 5 years, we have**

developed the Insight™ mHealth platform. The Insight™ 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, GPS) 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. To date, the mHealth resource has supported over 71 projects (37 with funding from the NIH; 5 studies collect data outside the US – Cambodia, Laos, & Scotland).

4/2018 – present Adjunct Professor
University of Texas School of Public Health
Dallas, TX

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1. U.S. Provisional Patent Application (#62/982,023) entitled “Medicine Dispenser with Patient Compliance Monitoring System,” filed Feb. 26, 2020.
2. Insight mHealth Platform – Businelle, Primary Inventor. Disclosure submitted to OUHSC 4-10-17.

BOARDS & CERTIFICATIONS

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

PREVIOUS POSITIONS

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 Professor
Department of Clinical Sciences, Division of Community Health Sciences
University 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, MS
Mentors: Jefferson Parker, Ph.D. & Randy Burke, Ph.D.

08/2001–05/2006 Graduate Research Assistant
Louisiana State University, Baton Rouge, LA
Mentors: 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, LA
Mentor: 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 Therapist
Capital Area Center for Addictive Disorders, Baton Rouge, LA
- 05/2002–08/2002 Graduate Research Assistant
Pennington Biomedical Research Center, Baton Rouge, LA
Mentors: 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, LA
Mentor: David Greenway, Ph.D.
- 01/1997–08/1999 Counselor in Training
Fairview Outpatient Treatment Center, Morgan City, LA

PROFESSIONAL AFFILIATIONS

- 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

- 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

- R01MH126586** (MPIs: Businelle & Zvolensky) 05/01/2021–03/31/2024
NIH/NIMH
Mobile Health to Monitor Risk for COVID-19 and Improve Mental Health during the Pandemic
Evaluate the efficacy of the Easing Anxiety Sensitivity for Everyone (EASE) app (N=800) which includes COVID-19 symptom monitoring and intervention and targets anxiety sensitivity, a transdiagnostic individual difference factor implicated in the etiology, maintenance, and progression of anxiety and depressive symptoms.
Total costs: \$2,679,216
Effort: 15%
- 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: \$2,804,785 (Direct: \$1,957,142)
Effort: 23.3%
- 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%
- TSET R21-02** (PIs: Businelle & Kendzor) 07/01/2020–06/30/2023

Health Promotion Research Center

Total Costs: \$11,058,000 (Direct: \$10,052,727)

This grant funds the Health Promotion Research Center.

Effort: 5%

5. **P30CA225520 Supplement** (MPIs: Businelle & Moxley) 06/01/2020-05/31/2021
NIH/NCI (Clinical Trials#: NCT04397614) (no cost extension)
Mobile Health Study and Enhanced Symptom Monitoring to Prevent Severe Illness from COVID-19 in Cancer Patients
The Symptom Tracker app will follow 500 patients who are receiving chemotherapy daily for 24 weeks. When COVID-19 symptoms are detected, the app assesses COVID-19 risk, provides information (e.g., locations of testing sites), and connects the patient health care professionals. When/if a patient tests positive for COVID-19, the app assesses symptom severity each day and provides advice/connections when severe symptoms are detected.
Total Costs: \$217,000 (Direct: \$149,655)
Effort: 5%
6. **U54MD015946** (PI: Obasi; Project MPIs: Businelle & Zvolensky) 09/01/2020-04/30/2025
NIH/NIMHD
Overall grant title: HEALTH Center for Addictions Research and Cancer Prevention
Core Project title: *Improving access to cigarette cessation treatment among African American smokers: Development and evaluation of an integrated mHealth application*
We will refine and evaluate an initially developed and tested, novel, mobile intervention that targets sensitivity to bodily sensations among African American smokers and bridges the gap in access to care which has plagued this health disparities population.
Total costs: \$11,848,265 (Direct: \$8,031,234) OUHSC subaward (Total: \$777,752; Direct: \$536,380)
Effort: 15%
7. OUHSC Pilot Funds (PI: Businelle; NCT03405129) 06/01/2018-05/31/2022
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 funds
8. OUHSC Pilot Funds (PI: Businelle & Funk-Lawler; NCT04126642) 03/01/2020-05/31/2022
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).
9. OUHSC Pilot Funds (PIs: Businelle & Alexander; NCT04887558) 08/01/2021-07/31/2022
Smart-T Mental Health
This pilot randomized controlled trial will evaluate the feasibility of an innovative, evidence-based smoking cessation app tailored for smokers with serious mental illness (SMI). Seventy-five smokers with SMI will be randomly assigned to receive either (1) the NCI QuitGuide app, (2) a smoking cessation app that tracks and automatically intervenes upon psychological distress during a quit attempt and delivers real-time intervention messages tailored to the current level of lapse risk and current lapse triggers (Smart-T Mental Health; STMH), or (3) the STMH app with additional messaging focused on increasing adherence to nicotine replacement medications (STMH+).

10. OUHSC Pilot Funds (PIs: Businelle & Hebert; NCT05194228) 11/30/2021–11/29/2022
Project Exemplar
The purpose of the 32 group MOST design is to identify the optimal components, or combinations of components, for achieving the highest compliance rates for smartphone-based ecological momentary assessments (EMAs).

Co-Investigator

11. **U01CA261598** (PIs: Bui & Vidrine) 09/17/2021-08/31/2026
NIH/NCI
Ending Tobacco Use through Interactive Tailored Messaging for Cambodian People Living with HIV/AIDS (EndIT)
Participants (n=800) will be randomized to one of 2 treatment groups: Standard Care (SC; n=400), or Automated Messaging (AM; n=400). SC consists of brief advice to quit smoking delivered by research staff, self-help written materials, and an 8-week supply of nicotine replacement therapy (NRT) in the form of transdermal patches. The primary outcome is biochemically confirmed self-reported 7-day point prevalence abstinence at 12-months post-study enrollment.
Total cost: \$3,541,404
Effort: 3%
12. **R01CA251451** (PI: Kendzor) 04/01/2021 – 03/31/2026
NIH/NCI
Mobile Contingency Management for Smoking Cessation among Socioeconomically Disadvantaged Adults
The purpose of this study is to evaluate the efficacy and cost-effectiveness of an automated, smartphone-based approach to incentivizing smoking cessation.
Total cost: \$3,072,461
Effort: 1%
13. **R21CA253600/R33** (PI: Bui) 07/01/2020-06/30/2025
NIH/NCI
Mobile Health Technology for Personalized Tobacco Cessation Support in Laos
The purpose of the study is to advance mHealth applications in tobacco-cessation treatment in low- and middle-income settings and subsequently reduce tobacco-related morbidities and mortality.
Total costs: \$1,121,268 (Direct costs: \$931,460)
Effort: 2.5%
14. **R21CA253600-S1** (PI: Bui) 09/01/2021–08/31/2022
NIH/NCI Administrative Supplement
Mobile Health Technology for Personalized Tobacco Cessation Support among Cancer Survivors in Laos (SurvLaos)
This pilot RCT aims to adapt and evaluate the efficacy of our theoretically and empirically based mobile health technology to help cancer survivors and their caregivers quit smoking tobacco in Lao People's Democratic Republic.
Total costs: \$99,846 (Direct costs: \$76,293)
Effort: 1%
15. **R01 DA046096-01** (PI: Cropsey) 07/15/2020-04/30/2025
NIH/NIDA
Circadian and sleep mechanisms among racial groups for nicotine dependence, craving, and Withdrawal
The overall goal for this project is to examine how sleep and nicotine dependence are related across racial ethnic groups.
Total Costs: \$2,779,141 (Direct: \$1,938,617) OUHSC Subaward (Total: \$201,193; Direct: \$138,755)

Effort: 3%

16. **R01CA243552** (PI: D. Vidrine) 09/01/2019-08/31/2024
NIH/NCI
Randomized Trial of 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.
Total Costs: \$3,141,272 (Direct: \$2,272,103) OUHSC subaward (Total: \$130,455; Direct \$89,970)
Effort: 5%
17. **R01CA231952** (PIs: D. Vidrine & J. Vidrine) 04/01/2019–11/30/2024
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.
Total Costs: \$2,890,621 (Direct: \$1,833,532) OUHSC subaward (Total: \$152,466; Direct \$105,150)
Effort: 5%
18. **P30 CA225520** (PI: Mannel; Businelle: Dir mHeath Shared Resource) 05/01/2018–04/30/2023
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 Costs: \$10,167,900 (Direct: \$7,036,625)
Effort: 8%
19. **ACS-Institutional Research Grant #IRG-19-142-01** (PI: McQuoid) 01/01/2021-12/31/2021
Stephenson Cancer Center
Piloting a Mobile Health mixed method to understand rural cancer risk-related substance use behaviors: combining smartphone data collection with qualitative mapping
The overall objective of this application is to pilot test a mobile health mixed method approach to identify how, why, and in what contexts rural people in Oklahoma use tobacco and other cancer risk-related substances.
Direct & Indirect: \$50,000

Consultant

20. **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
21. **R21CA261078** (PI: Carroll) 09/01/2021–08/31/2023
NIH-NCI
Development and pilot testing of a culturally-tailored smartphone-delivered intervention for commercial smoking cessation in American Indians

This study will tailor the NCI QuitGuide, an existing smartphone-delivery cessation resource, to the culture and needs of American Indians who smoke and test whether the tailored app is a feasible and acceptable cessation resource for American Indian persons.

Total Costs: \$275,000

22. **R01DA053171** (PI: Santos) 09/01/2021–08/31/2024
NIH/NIDA

The ION+EMI Study: Intermittent Oral Naltrexone enhanced with an Ecological Momentary Intervention for Methamphetamine-using MSM

This is a double-blind, phase 2b, placebo-controlled trial in which 54 meth-using MSM will be randomly assigned (2:1) to receive 12 weeks of as-needed oral naltrexone enhanced with an EMA-informed EMI platform, or as-needed placebo with EMI to evaluate treatment effects on methamphetamine use and sexual risk behaviors.

Mentor

23. **K01 MD015295** (PI: Alexander) 05/08/2021 – 1/31/2026
NIH/NIMHD

HealthyCells: A Culturally-Tailored Smoking Cessation Smartphone Intervention for African Americans with Adjunctive Treatment for Sedentary Behavior

This NIMHD career development award focuses on developing an innovative culturally tailored smartphone intervention that uses contingency management and sedentary behavior reduction to improve smoking cessation outcomes among African American smokers.

Total costs: \$670,210

24. **K01DA054262** (PI: Gajos) 07/01/2021–06/30/2026
NIH/NIDA

Momentary Geospatial, Psychological, and Behavioral Risk for Substance Use in Young Adults Under Criminal Justice Supervision

This project investigates substance use risk with geographically-explicit ecological momentary assessment data and risk terrain modeling to develop a just-in-time adaptive intervention to reduce substance use in young adults enrolled in drug treatment court.

Role: Co-Mentor (scored 7th percentile)

25. **R01CA221819-01A1S1** (PI: Businelle) 09/01/2019-01/31/2022

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 researcher. This study involves qualitative examination of ways the Smart-T3 app can be culturally tailored for American Indian smokers seeking smoking cessation treatment.

Total costs: \$327,562

Role: Primary Mentor

26. **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: Co-Mentor

27. **K99/R00DA046564** (PI: Emily Hébert) K99 phase 03/01/2019–07/31/2020
NIH/NIDA R00 phase 08/01/2020–11/30/2023

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

The aims are to apply supervised machine learning methods to quantify personalized risk of smoking lapse, and evaluate the feasibility and preliminary effectiveness of delivering a personalized, just-in-time adaptive intervention driven by machine learning prediction of smoking lapse risk in real time.
Total Costs: \$179,883 (K99), \$746,990 (R00)
Role: Primary mentor

28. **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: Co-Mentor
29. **F31AA029022** (PI: Maya Zegel) 07/01/2021-06/30/2024
NIH/NIAAA
Daily State-like Distress Tolerance and Alcohol Use Motivation among Hazardous Drinkers with Posttraumatic Stress Disorder
This dissertation project (N=100) aims to elucidate the role of state-like DT in hazardous drinking and alcohol use motivation among persons with PTSD using time sampling methodology.
Direct Costs: \$110,127
Role: Co-Mentor
30. **F31AA029280** (PI: Angie Mayorga) 05/01/2021-04/30/2024
NIH/NIAAA
Minority Stress and Hazardous Drinking: The Role of Daily State-Like Experiential Avoidance on Latinx with Anxiety Disorder
This dissertation project (N=100) aims to elucidate the role of state-like experiential avoidance (EA) in the relationship between discrimination and hazardous drinking among Latinx persons with anxiety using time sampling methodology.
Direct Costs: \$36,704
Role: Co-Mentor
31. **F31DA052158** (PI: Michelle Sisson) 06/01/2020-05/31/2023
NIH/NIDA
Increasing Naloxone Access for Persons who use Opioids: An Online Recruitment and Training Approach to Opioid Overdose Education and Naloxone Distribution
This dissertation project (N=80) examines the feasibility and acceptability of a novel approach to Opioid Overdose Education and Naloxone Distribution that utilizes remote recruitment, education, and distribution of naloxone kits.
Direct Costs: \$73,620
Role: Co-Mentor

COMPLETED RESEARCH SUPPORT

Principal Investigator

1. **R34AA024584-02S1** (PIs: Businelle & Walters) 06/01/2020–05/31/2021
NIH/NIAAA (Clinical Trials#: NCT03746808)
Supplement: Development and Testing of a Just-in-Time Adaptive Smart Phone Intervention to Reduce Drinking among Homeless Adults
The aim of this study is to provide additional support to complete the third phase of the study during the COVID-19 pandemic. Original study aims 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: \$128,617 (Direct: \$88,094)

Effort: 4%

2. **R34AA024584** (PIs: Businelle & Walters) 06/01/2018–05/31/2020
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%
3. **TSET 092-016-0002** (PIs: Businelle & Kendzor) 07/01/2019–06/01/2020
Oklahoma Tobacco Research Center
This grant funds the Oklahoma Tobacco Research Center.
Direct & Indirect: \$3,800,000 (Direct: \$3,454,545)
Effort: 5%
4. 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 funds
5. **MRSB-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
6. **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
7. **Project Advance** (PI: Businelle) 05/01/2013–08/31/2014

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

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

8. **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
9. **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
10. **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
11. **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

12. **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

13. **R01CA197314** (PI: Kendzor) 07/08/2015–06/30/2021
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 Costs: \$1,601,488 (Direct: \$1,140,379)
Effort: 5%
14. **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: \$427,742
15. **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 funds
16. **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%
17. **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 2-3

18. **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: \$2,000,000
Effort: 10% in 2015; in kind 2016
19. **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): \$24,954
Effort: 10%
20. **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

21. **R25/CA57712** (PI: Mullen) 09/01/2013–10/1/2015
NCI/NIH
Behavioral Science Education-Cancer Prevention and Control
Direct and Indirect Costs: \$2,499,817
22. **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)
23. **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 this 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

24. **DOD Grant** (PI: Wickwire) 10/15/2019-12/01/2020
Development of a sleep improvement app for veterans
Dr. Businelle will: 1) provide expert advisory services regarding a research approach to mHealth for sleep disorders, 2) consult on study design, including assessment (EMA), JITAI, adherence, engagement, and selection of endpoints, and 3) other advisory topics as requested.

25. **R25 HD045810 to University of California, San Francisco** 09/01/2016–8/31/2017
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

26. **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: \$100,000

27. **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

1. **R01AA030276** (PIs: Businelle, Oliver, & Walters) Submitted: 10/05/2021
NIH/NIAAA
Efficacy of a Smartphone-Based Just-In-Time Adaptive Intervention to Reduce Drinking Among Adults Experiencing Homelessness
This study will provide a rigorous efficacy test of the Smart-T alcohol app which is specifically designed to reduce drinking in homeless adults.
Proposed funding period: 7/1/2022 – 6/30/2027
Total costs: \$3,500,000
Effort: 15%

2. **R01** (PIs: Businelle & Neil) Submitted: 10/05/2021
NIH/NCI
A Dynamic Mobile Health Application for Smokers Who Are Not Ready To Quit
This first-of-its-kind, innovative, and highly scalable smartphone-based intervention would offer a convenient and dynamic resource to induce cessation attempts and provide tailored support that is matched to participants' current phase of the cessation process.
Proposed funding period: 7/1/2022 – 6/30/2027
Total costs: \$3,500,000
Effort: 15%

3. **SBIR** (PIs: Businelle, Sterns) Resubmitted: 03/05/2022
Using integrated cognitive prosthetic technologies to improve Nicotine Replacement Therapy (NRT) adherence and smoking cessation success
Major Goals: To determine the feasibility, acceptability, usability, and effectiveness of a novel smart pillbox that aims to increase oral NRT adherence to the label dosage (~9 per day) and thereby increase

smoking cessation success among adult smokers, in particular socioeconomically disadvantaged adults who are attempting to quit and have significantly lower success rates.
Proposed funding period: 09/01/2022–8/31/2024
Total costs: \$1,600,000
Effort: 15%

4. **R01DA055744** (PIs: Businelle, Zvolensky, & Buckner) Resubmitted: 03/05/2022
NIH/NIDA
An Automated and Tailored Mobile Cannabis-Anxiety Treatment
Proposed funding period: 09/01/2022–8/31/2027
Total costs: \$3,178,322 (Direct costs: \$2,480,683)
Effort: 15%
5. **R01** (PIs: Businelle, Zvolensky, & Buckner) Submitted: 02/11/2022
NIH/NIMHD
A Smartphone-based Application To Reduce Cannabis-related Disparities Among Black Cannabis Users
Proposed funding period: 12/01/2022–11/30/2026
Total costs: \$3,00,000 (Direct costs: \$2,000,000)
Effort: 12.5%

Co-Investigator

Mentor

6. **K99/R00** (PI: Ra) 07/01/2021–06/20/2023
NIH/NIDA
Title: *Using Mobile Technology to Examine Mechanisms Linking Sleep and Smoking Cessation*
Direct Costs (initial year): \$98,745
Role: Primary Mentor
7. **K08** (PI: Azizoddin) 10/01/2021–09/30/2026
NIH/NCI (NCI)
Title: *Integrating pain-CBT into an mHealth analgesic support intervention for patients with chronic pain from advanced cancers*
This proposal seeks to improve cancer patients’ pain self-management by adapting and integrating cognitive behavioral therapy for pain into an existing mHealth intervention designed to optimize pharmacologic management (e.g. daily pain/opioid monitoring and tailored advice) for patients with advanced cancer.
Role: Mentor

PEER REVIEWED PUBLICATIONS (*indicates student author; §indicates senior author)

Total Pubs	First Authored Pubs	Percent Pubs as 1 st , 2 nd , or Senior Author	*Total Pub Citations	*Total Citations ≥ 2017	*H-Index
165	19	57.1%	2210*/3515**	1414*	27*/35**

*From Scopus; ** From Google Scholar; Updated 10/13/2021

1. Martinez, J., Jafry, M. Z., Chen, T. A., **Businelle, M. S.**, Kendzor, D. E., Britton, M., Vijayaraghavan, M., & Reitzel, L. R. (in press). Guest support for outdoor smoke-free policies within a homeless shelter. *International Journal of Environmental Research and Public Health*, 19, 2408. <https://doi.org/10.3390/ijerph19042408>.

2. Kendzor, D. E., **Businelle, M. S.**, Vidrine, D. J., Frank-Pearce, S. G., Shih, Y. C. T., Dallery, J., *Alexander, A. C., *Boozary, L. K., *Waring, J. J.C., *Ehlke, S. J. (in press). Mobile contingency management for smoking cessation among socioeconomically disadvantaged adults: Protocol for a randomized trial. *Contemporary Clinical Trials*. 1-26-22
3. *Hébert, E. T., *Bhushan, T., *Ra, C. K, Frank-Pearce, S., *Alexander, A. C., *Cole, A. B., Kendzor, D. E., & §**Businelle, M. S.** (2021). Daily use of nicotine replacement medications is related to daily smoking status: An ecological momentary assessment study. *Drug and Alcohol Dependence*, 229, 109161. 10-18-21
4. Jafry, M. Z., Martinez, J., Chen, T. A., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2021). Perceived social support attenuates the association between stress and Health-related Quality of Life among adults experiencing homelessness. *International Journal of Environmental Research and Public Health*, 18, 10713. 10-9-21
5. Vidrine, D., Bui, T., **Businelle, M. S.**, Shih, Y. T., Sutton, S. K., Shahani, S., Hoover, D. S., Bowles, K., & Vidrine, J. I. (2021). Evaluating the efficacy of automated smoking treatment for people with HIV: Protocol for a randomized controlled trial. *JMIR Research Protocols*. <https://preprints.jmir.org/preprint/33183> 9-3-21
6. Perski, O., *Hébert, E., Naughton, F., Hekler, E., Brown, J., & §**Businelle, M.** (2021). Technology-mediated just-in-time adaptive interventions (JITAI) to reduce harmful substance use: A systematic review. *Addiction*. 9-1-21
7. Ash, G. I., Stults-Kolehmainen, M., Busa, M. A., Gaffey, A. E., Angeloudis, K., Muniz-Pardos, B., Gregory, R., Huggins, R. A., Redeker, N. S., Redeker, N. S., Weinzimer, S. A., Grieco, L. A., Lyden, K., Megally, E., Vogiatzis, I., Scher, L., Zhu, X., Baker, J. S., Brandt, C., **Businelle, M. S.**, et al. (2021). Establishing a global standard for wearable devices in sport and exercise medicine: Perspectives from academic and industry stakeholders. *Sports Medicine*. doi.org/10.1007/s40279-021-01543-5. 8-8-21
8. Liang, M., Koslovsky, M. D., *Hébert, E. T., **Businelle, M. S.**, Kendzor, D. E., & Vannucci, M. (in press). Bayesian continuous-time hidden Markov models with covariate selection for intensive longitudinal data with measurement error. *Psychological Methods*. 8-4-21
9. Eshtehardi, S. S., Taylor, A. A., Chen, T. A., de Dios, M. A., Correa-Fernandez, V., Kendzor, D. E., **Businelle, M. S.**, & Reitzel, L. R. (2021). Sociodemographic determinants of nonadherence to depression & anxiety medication among individuals experiencing homelessness. *International Journal of Environmental Research and Public Health*, 18, 7958. 7-26-21
10. *Ra, C. K., *Hebert, E., *Alexander, A., Kendzor, D., Suchting, R., & §**Businelle, M.** (2021). Unsheltered and unstably housed adults have higher levels of stress and more health risk factors than sheltered homeless adults. *Journal of Social Distress and Homelessness*. 7-18-21
11. *Alexander, A. C., *Waring, J. C., Olurotimi, O., Kurien, J., *Noble, B., **Businelle, M. S.**, *Ra, C. K., *Ehlke, S. J., *Boozary, L. K., Cohn, A. M., & Kendzor, D. E. (2022). The relations between discrimination, stressful life events, and substance use among adults experiencing homelessness. *Stress and Health*, 38, 79-89. doi 10.1002/smi.3073. 6-4-21
12. Santa Maria, D., Padhye, N., **Businelle, M.**, Yang, Y., Jones, J., Sims, A., & Lightfoot, M. (2021). Efficacy of a just-in-time adaptive intervention to promote HIV risk reduction behaviors among young adults experiencing homelessness. *Journal of Medical Internet Research*, 23(7), e26704. 5-5-21
13. Santa Maria, D., Lightfoot, M., Nyamathi, A., **Businelle, M. S.**, Paul, M., Quadri, Y., Padhye, N., Torres, J., & Armijo, M. C. (2021). Come As You Are: Nurse case management HIV prevention intervention for youth experiencing homelessness study protocol. *JIMR Research Protocols*, 10(5), e26716. 4-8-21
14. Garey, L., Hébert, E. T., Mayorga, N. A., Chavez, F., Shepherd, J. M., **Businelle, M.**, & Zvolensky, M. J. (2022). Evaluating the feasibility and acceptability of a mobile based health technology for smoking cessation: Mobile Anxiety Sensitivity Program (MASP). *British Journal of Clinical Psychology*, 61, 111-129. doi: 10.1111/bjc.12294. 4-11-21
15. *Boozary, L. K., Frank-Pearce, S. G., Alexander, A. C., *Ehlke, S. J., **Businelle, M. S.**, Cohn, A. M., Kendzor, D. E. (2021). Correlates of e-cigarette use among adults initiating smoking cessation treatment. *Drug and Alcohol Dependence*, 224, 18724. 3-21-22

16. Daundasekara, S. S., Odoh, C., Hernandez, D. C., Santa Maria, D., Zvolensky, M. J., Kendzor, D. E., & §**Businelle, M. S.** (2021). Depression is associated with poor physical health through lower distress tolerance among adults experiencing homelessness. *Journal of Social Distress and Homelessness*, doi: 10.1080/10530789.2021.1908488. 3-20-21
17. Acorda, D., **Businelle, M.**, & Santa Maria, D. (2021). Behavioral impacts, acceptability, and recommendations for ecological momentary assessment among youth experiencing homelessness: A qualitative study. *JMIR Formative Research*, 5(4): e21638. 3-15-21
18. Walters, S. T., **Businelle, M. S.**, Suchting, R., *Li, X., *Hébert, E. T., & Mun, E-Y. (2021). Using machine learning to identify predictors of imminent drinking and create tailored messages for at-risk drinkers experiencing homelessness. *Journal of Substance Abuse Treatment*, 127, 108417. 2-23-21
19. Cropsy, K. L., Wolford-Clevenger, C., *Sisson, M. L., Chichester, K. R., Azuero, A., **Businelle, M. S.**, Hendricks, P. S., Shelton, R. C., Carpenter, M. J. (2021). A pilot study of nicotine replacement therapy sampling and selection to increase medication adherence in low-income smokers. *Nicotine & Tobacco Research*, 23, 1575-1583. 2-8-21
20. Mun, E-Y., *Li, X., **Businelle, M. S.**, Tan, Z., Barnett, N. P., & Walters, S. T. (2021). Ecological momentary assessment of alcohol consumption and its concordance with transdermal alcohol detection and timeline follow-back self-report among adults experiencing homelessness. *Alcoholism: Clinical and Experimental Research*, 45, 864-876. 2-3-21
21. Bui, T. C., Sopheab, H., **Businelle, M. S.**, Chhea, C., Ly, P. S., Vidrine, J. I., Thol, D., Frank-Pearce, S. G., Vidrine, D. J. (2021). Mobile-health intervention for smoking cessation among Cambodian people living with HIV: A mixed-methods pilot study. *AIDS Care*. 1-29-21
22. *Hammett, P. J., **Businelle, M. S.**, Taylor, B. C., Erbes, C. R., Bastian, L., Doran, N., Sherman, S. E., Rogers, E. S., Burgess, D. J., Fu, S. S. (2021). The association between smoking abstinence and pain trajectory among veterans engaged in VA mental health care. *Pain Medicine*, 22(8), 1793-1803. 1-11-21
23. *Savoy, E., §**Businelle, M. S.**, Nguyen, N., Chen, T-A., Neighbors, C., Norton, P. J., & Reitzel, L. R. (2021). Examining moment to moment affective determinants of smoking rate following a quit attempt among homeless daily smokers. *Addictive Behaviors*, 115, 106788. 12-11-20
24. *Hébert, E. T., Suchting, R., *Ra, C. K., *Alexander, A. C., Kendzor, D. E., Vidrine, D. J., & §**Businelle, M.S.** (2021). Predicting the first smoking lapse during a quit attempt: A machine learning approach. *Drug and Alcohol Dependence*, 218, 108340. <https://doi.org/10.1016/j.drugalcdep.2020.108340> 9-26-20
25. *Reuven, S. M., Chen, T-A., Zvolensky, M. J., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2021). Examining the moderating effect of anxiety sensitivity on past-month pain severity and heaviness of smoking among adult smokers experiencing homelessness. *Addictive Behaviors*, 112, 106610. <https://doi.org/10.1016/j.addbeh.2020.106610> 8-11-20
26. Iwundu, C.N., Chen, T-A., Edereka-Great, K., §**Businelle, M.S.**, Kendzor, D.E., & Reitzel, L.R. (2020). Mental illness and youth-onset homelessness: A retrospective study among adults experiencing homelessness. *International Journal of Environmental Research and Public Health*, 17, 8295. 11-9-20
27. Agrawal, P., Taing, M., Chen, T., Reuven, S. M., §**Businelle, M. S.**, Kendzor, D. E., Bernicker, E. H., Reitzel, L. R. (2020). Understanding the associations between smoking-related risk perception, interest in quitting smoking, and interest in lung cancer screening among homeless adult smokers. *International Journal of Environmental Research and Public Health*, 17, 8817. 11-24-20
28. *Cole, A. B., *Hébert, E. T., Reitzel, L. R., Carroll, D. M., & §**Businelle, M. S.** (in press). Health risk factors in American Indian and non-Hispanic White homeless adults. *American Journal of Health Behavior*, 44, 631-641. <https://doi.org/10.5993/AJHB.44.5.7> 6-24-20
29. Koslovsky, M. D., *Hébert, E. T., **Businelle, M. S.**, & Vannucci, M. A. (2020). Bayesian time-varying effect model for behavioral mHealth data. *The Annals of Applied Statistics*, 14, 1878-1902. 9-23-20
30. Suchting, R., **Businelle, M. S.**, Hwang, S. W., Padhye, N. S., Yang, Y., Santa-Maria, D. M. (2020). Predicting daily sheltering arrangements among youth experiencing homelessness using diary measurements collected by ecological momentary assessment. *International Journal of*

- Environmental Research and Public Health*, 17, 6873. <https://doi.org/10.3390/ijerph17186873> 9-11-20
31. *Alexander, A.C., *Waring, J.C. (co-first author), *Hébert, E.T., *Ra, C.K., *Rangu, N., Kendzor, D.E., & §**Businelle, M. S.** (2021). Identifying mechanisms that link pain to smoking after a quit attempt. *Psychology of Addictive Behaviors*, 35(1), 52-61. 7-31-20
 32. Hernandez, D. C., Daundasekara, S. S., Zvolensky, M. J., Reitzel, L. R., Santa Maria, D., *Alexander, A., Kendzor, D. E., & §**Businelle, M. S.** (2020). Urban stress indirectly influences psychological symptoms through its association with distress tolerance and perceived social support among adults experiencing homelessness. *International Journal of Environmental Research and Public Health*, 17, 5301. <https://doi.org/10.3390/ijerph17155301> 7-20-20
 33. Bui, T. C., Xangsayarath, P., Douangvichith, D., Siengsounthone, L., Phandouangsy, K., Tran, L. T., & **Businelle, M. S.** (2020). Factors associated with cigarette smoking cessation in Lao People's Democratic Republic: Results from the 2015 National Adult Tobacco Survey. *International Journal of Environmental Research and Public Health*, 17, 4953. <https://www.mdpi.com/1660-4601/17/14/4953> 6-10-20
 34. Zvolensky, M. J., Rogers, A. H., Garey, L., Ditre, J. W., Shepherd, J. M., Viana, A. G., Kauffman, B. Y., & **Businelle, M.** (2020). The role of anxiety sensitivity in the relation between pain intensity and substance use and anxiety and depressive symptoms among smokers with chronic pain. *International Journal of Behavioral Medicine*, 27, 668-676. PMID: 32588345 6-10-20
 35. Iwundu, C. N. Agrawal, P., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2020). Predictors of Overnight and Emergency Treatment among Homeless Adults. *International Journal of Environmental Research and Public Health*, 17, 4271. <https://doi.org/10.3390/ijerph17124271> 6-10-20
 36. Reitzel, L. R., *Chinamuthevi, S., Daundasekara, S. S., Hernandez, D. C., Chen, T., Harkara, Y., Obasi, E. M., Kendzor, D. E., §**Businelle, M. S.** (2020). Association of problematic alcohol use and food insecurity among homeless men and women. *International Journal of Environmental Research and Public Health*, 17, 3631; doi:10.3390/ijerph17103631 5-18-20
 37. Kendzor, D. E., **Businelle, M. S.**, Waring, J. J. C., Mathews, A., Geller, D. W., Barton, J. M., *Alexander, A. C., *Hébert, E. T., *Ra, C. K., Vidrine, D. J. (2020). Automated Mobile Delivery of Financial Incentives for Smoking Cessation among Socioeconomically Disadvantaged Adults: A Feasibility Study. *JMIR mHealth and uHealth*, 8(4), e15960. DOI: <http://dx.doi.org/10.2196/15960> 3-22-20
 38. **Businelle, M. S.** (co-first author), Walters, S. (co-first author), Mun, E-Y, Kirchner, T. R., *Hébert, E. T., & Li, X. (2020). Reducing Drinking Among People Experiencing Homelessness: Protocol for the Development and Testing of a Just-in-Time Adaptive Intervention. *JMIR Research Protocols*, 9, e15610. PMCID: 7193437 1-27-20
 39. *Alexander, A. C., Olurotimi, O., *Hébert, E. T., *Ra, C. K., **Businelle, M.S.**, & Kendzor, D. E. (2020). Subjective social status indirectly influences short-term smoking cessation through nicotine withdrawal symptoms. *Journal of Health Psychology*. <https://doi.org/10.1177/1359105320911432> 2-13-10
 40. *Hébert, E. T., *Ra, C. K., *Alexander, A. C., Helt, A., Moisiuc, R., Kendzor, D. E., Vidrine, D. J., Funk-Lawler, R. K., §**Businelle, M. S.** (2020). A mobile just-in-time adaptive intervention for smoking cessation: pilot randomized controlled trial. *Journal of Medical Internet Research*, 22(3), e16907. PMCID: 7091024 2-3-20
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45. *Alexander, A. C., Nollen, N. L., Ahluwalia, J. S., *Hébert, E. T., **Businelle, M. S.**, & Kendzor, D. E. (2019). Darker skin color is associated with a lower likelihood of smoking cessation among males but not females. *Social Science & Medicine*, 112562. <https://doi.org/10.1016/j.socscimed.2019.09-19-19>
46. *Waring, J. C., *Hébert, E. T., *Alexander, A. C., Kendzor, D. E., & **Businelle, M. S.** (2020). Evaluating the influences of social support and smoking cues on daily smoking abstinence among socioeconomically disadvantaged adults. *Addictive Behaviors*, 106107. PMID: 6991989 8-19-19
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PUBLISHED BOOKS/BOOK CHAPTERS

1. Vinci, C., Gonzales, B. D., Kendzor, D. E., **Businelle, M. S.**, & Kumar, S. (in press). mHealth interventions for health behaviors. In M.R. Mehl, M. Eid, C. Wrzus, G. Harari, & U. Ebner-Priemer

(Eds.), *Mobile Sensing in Psychology: Methods and Applications* (pp. XX). Guilford Publications, New York, NY.

2. 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
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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. Gamble, K., **Businelle, M. S.**, *Ra, C. K., & Cropsey, K. (2021). Assessment of symptoms around the clock: Implications for addiction and other neuropsychiatric diseases. *Biological Psychiatry*, 89, S72.
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3. Harkara, Y., Reitzel, L. R., Kendzor, D. E., Chen, T-A., **Businelle, M. S.** (2020). Mindfulness Moderates the Link between Discrimination and Stress in Homeless Adults. *Health Behavior Research*, 3(2), 94-95. doi: 10.4148/2572-1836.1091
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5. Khalafi, S., Odoh, C., Taylor, A., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2020). Moderating Effect of Sex on the Relation of Mental Illness Diagnosis and Perceived Social Support in Homeless Adults. *Health Behavior Research*, 3(2), 81-82. doi: 10.4148/2572-1836.1091
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9. *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

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11. *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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16. Geiselman, P. J., Martin, P. D., Copeland, A. L., Ryan, D. H., **Businelle, M. S.**, & Kendzor, D. E. (2004). Caloric intake and food selection in postmenopausal African-American and Caucasian postmenopausal women following smoking cessation. *Obesity Research*, 12(Suppl), A72-A73.
17. Schneider, J. J., **Businelle, M. S.**, Holmes, J., Stewart, H. A., Hill, B., Garcie, H., Pella, R., Brennan, A., Jamhour, N., & Gouvier, W. D. (2004). Comparison of three methods for estimating WAIS-III IQ with the Shipley Institute of Living Scale and the NAART. *Archives of Clinical Neuropsychology*, 19, 885.
18. Schneider, J. J., **Businelle, M. S.**, Holmes, J., Stewart, H. A., Jamhour, N., Brennan, A., Hill, B., Pella, R., Garcie, H., Gouvier, W. D. (2004). Estimating WAIS-III IQ with the Shipley Institute of Living Scale and the NAART: A replication and extension. *Archives of Clinical Neuropsychology*, 19, 886.
19. Garcie, H., Schneider, J. J., Pella, R., Hill, B., **Businelle, M. S.**, Brennan, A., & Gouvier, W. D. (2004). Predictive value of common tests for ADHD. *Archives of Clinical Neuropsychology*, 19, 898.
20. **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. Brown, H. A., Roberts, R. D., Chen, T. A., **Businelle, M. S.**, Obasi, E. M., Kendzor, D. E., & Reitzel, L. R. (under review). Perceived disease risk of smoking, barriers to quitting, and cessation intervention preferences by sex amongst homeless adult concurrent tobacco product users and conventional cigarette-only users.
2. *Ra, C., Pehlivan, N., Kim, H., Sussman, S. Y., Unger, J., Cho, Y., & Businelle, M. S. (under review). Relations between education, acculturation, and aender and smoking prevalence among Asian Americans
3. *Ehlke, S. J., Cohn, A. M., *Boozary, L., *Alexander, A. C., *Waring, J. C., Businelle, M. S., & Kendzor, D. (resubmission under review). The association of discrimination with substance use and poor mental health among sexual and gender minority adults accessing shelter services.
4. *Hébert, E. T., Vandewater, E. A., **Businelle, M.S.**, Harrell, M.B., Kelder, S.H., and Perry, C.L. (under review). Tobacco advertising exposure and product use among young adults: an ecological momentary assessment approach.
5. *Gajos, J. M., Hawes, E. S., Chana, S. M., Mrug, S., Wolford-Clevenger, C., **Businelle M. S.**, Carpenter, M. J., & Cropsey, K. L. (under review). Daily adherence to nicotine replacement therapy in low-income smokers: The role of gender, negative mood, motivation, and self-efficacy.

6. Vidrine, J. I., Shih, Y. C. T., **Businelle, M. S.**, Sutton, S. K., Hoover, D. S., Cottrell-Daniels, C., Fennell, B. S., Bowles, K. E., & Vidrine, D. I. (under review). Comparison of an Automated Smartphone-Based Smoking Cessation Intervention Versus Standard Quitline-Delivered Treatment among Underserved Smokers: Protocol for a Randomized Controlled Trial

INVITED WORKSHOPS, SYMPOSIA & PAPER PRESENTATIONS

1. Xangsayarith, P., Kulkarni, S., Xayavong, D., Soulaphy, C., Phandouangsy, K., Keopaseuth, P., Keothongkou, K., Le, T., Vidrine, D. J., Vidrine, J. I., **Businelle, M. S.**, & Bui, T. C. (2022, March). Improving tobacco cessation programs in Lao People's Democratic Republic: Perspectives of healthcare professionals. Oral presentation at the NCI's 10th Annual Symposium on Global Cancer Research (ASGCR 2022); Virtual conference.
2. Martinez, J., Jafry, M.Z., Chen, T.A., Businelle, M.S., Kendzor, D.E., & Reitzel, L.R. (2022, March). Guest support for outdoor smoke-free policies within a homeless shelter. Oral presentation for the annual meeting of American Academy of Health Behavior, Key Largo, FL. Note: submission received distinction of high Honors from AAHB.
3. Kendzor, D. E., Frank-Pearce, S. G., *Waring, J. J. C., **Businelle, M. S.**, Swartz, M. D., *Alexander, A. C., Barton, J. M., *Ehlke, S. J., Boozary, L. K., Madison, S. D., Wetter, D. W. (2022, March). Small financial incentives promote smoking cessation among socioeconomically disadvantaged adults (Part of Symposium: Cessation Interventions for Addressing Smoking Disparities). 28th Annual Meeting, Society for Research on Nicotine and Tobacco, Baltimore, MD, Accepted, Oral Presentation.
4. Roberts, R. D., Brown, H. A., Chen, T. A., **Businelle, M. S.**, Obasi, E. M., Kendzor, D. E., & Reitzel, L. R. (2022, March). Social cohesion/trust is associated with smoking status amongst adults experiencing homelessness. Oral presentation accepted for presentation at the annual meeting of the American Academy of Health Behavior, Key Largo, FL.
5. *Cole, A. B., & **Businelle, M. S.** (2021, April). Initial mixed-methods findings from a smartphone based smoking cessation apps with American Indian adults in Oklahoma. In J. Gone (Chair), Anticolonial Methodologies: Towards 'Radical Indigenism' in Psychological Anthropology/Cultural Anthropology. Symposium presented at the biennial Society for Psychology Anthropology Conference (virtual).
6. **Businelle, M. S.** *Mobile Health Study and Enhanced Symptom Monitoring to Prevent Severe Illness from COVID-19 in Cancer Patients*. Association of American Cancer Institutes (AACI)/Cancer Center Administrators Forum (CCAF) Annual Meeting, October 13, 2020.
7. Knudsen, K. E. (moderator), **Businelle, M.**, Garber, G., Lopez, A. M., Malin, J. L., & Tosteson, A. N. A. Forum 2: Telehealth. *AACR Virtual Meeting – COVID-19 and Cancer*. July 20-22, 2020.
8. Li, X., Walters, S., Mun, E.-Y., **Businelle, M. S.**, Lineberry, S., & Tan, Z. (2020, June). Detecting alcohol consumption among homeless individuals using ecological momentary assessment, transdermal sensors, and timeline follow-back methods [Gordis award session]. Oral presentation at the Research Society on Alcoholism (RSA) Annual Meeting, New Orleans, Louisiana. (Conference canceled)
9. *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.
10. *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.
11. *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.

12. *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. (Conference canceled)
13. *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. (Conference canceled)
14. *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.
15. **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.
16. **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.
17. 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.
18. 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.
19. **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.
20. **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.
21. **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.
22. **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.
23. 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.
24. 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.
25. **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.
26. 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.

27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. **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.
35. 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.
36. 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.
37. **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/mentee author)

1. *Hébert, E. T., Suchting, R., **Businelle, M. S.**, & Kendzor, D. E. (2022, March). Using machine learning to inform smoking cessation treatment. Poster presented at the 2022 Society for Research on Nicotine and Tobacco Annual Meeting, Baltimore, MD.

2. *Min, J., ** Ra, C. K., *Hébert, E. T., Kendzor, D. E., Frank-Pearce, S. & **Businelle, M. S.** (2022, April). Negative affect is associated with moment-to-moment change in motivation during a smoking cessation attempt. Poster presented at Society for Behavioral Medicine, Baltimore, Maryland.
3. Thrul, J., Howe, C. L., Devkota, J., *Alexander, A., Allen, A.M., **Businelle, M. S.**, *Hébert, E. T., Heffner, J. L., Kendzor, D. E., *Ra, C. K., & Gordon, J. S. (2022, March). A scoping review of the use of remote biochemical verification methods of tobacco use in smoking cessation research. Poster, Meeting of the Society for Research on Nicotine and Tobacco 2022, Baltimore, MD.
4. *De La Torre, I., *Benson, L., *Alexander, A., Kendzor, D. E., Kezbers, K. K., Frank-Pearce, S. G., *Hébert, E. T., & **Businelle, M., S.** (2022, April). Positive affect in the morning is associated with the intensity of smoking urges later in the day during a quit attempt [Poster Presentation]. Society for Behavioral Medicine Scientific Meeting, Baltimore, MD.
5. Wang, C., **Businelle, M. S.**, Kendzor, D. E., Britton, M., McNeill, L. H., & Reitzel, L. R. (2022, March). Higher smoking level mediates the association between urban stress and lower readiness to quit smoking among adults experiencing homelessness. Poster to be presented virtually at the 2022 Annual meeting of the Society for Research on Nicotine and Tobacco. Baltimore, MD (Hybrid meeting).
6. *Benson, L., *Ra, C. K. K., *Hébert, E. T., Kendzor, D. E., Oliver, J. A., Frank-Pearce, S. G., **Businelle, M. S.** (2022, April). Momentary negative affect reactivity to smoking urges differs pre- vs. post-quit and by intervention treatment group. Society for Behavioral Medicine Scientific Meeting.
7. *Ra, C. K., *Gajos, J. M., *Hébert, E. T., *Alexander, A., *Cole, A., Walters, S., Mun, E.Y., Kirchner, T., Oliver, J. A., & **Businelle, M. S.** (April, 2022). The relations of daily sleep, sheltering, and drinking among adults experiencing homelessness. Poster presentation accepted to Society of Behavioral Medicine 2022 Annual Meeting, Baltimore, MD.
8. Kendzor, D. E., *Hébert, E. T., Frank-Pearce, S. G., *Waring, J. J.C., Barton, J. M., **Businelle, M. S.**, Planas, L. G., Madison, S., Ahluwalia, J. S. (2022, March). A preliminary evaluation of varenicline combined with oral nicotine replacement therapy and smartphone-based medication reminders for smoking cessation. 28th Annual Meeting, Society for Research on Nicotine and Tobacco, Baltimore, MD, Accepted, Poster.
9. *Hébert, E.T., Walters, S.T., Oliver, J.A., Mun, E.Y., Tan, Z., Shi, D., Vesely, S & **Businelle, M.S.** Preliminary Effectiveness of a Just-In-Time Adaptive Intervention to Reduce Drinking: The Impact of Tailored Messages on Drinking Lapse Risk Factors. Poster submitted to the Research Society on Alcoholism Annual Meeting, Orlando, FL, June 25-29, 2022
10. *Boozary, L. K., *Ehlke, S. J., Song, H., *Alexander, A., *Ra, K., **Businelle, M.**, & Kendzor, D.E. (2022, March). The effect of race on the association between adverse childhood experiences (ACEs) and smoking cessation outcomes. Abstract accepted for a poster presentation at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
11. *Ra, C. K., Frank-Pearce, S., *Ehlke, S. J., **Businelle, M. S.**, & Kendzor, D. E. (March, 2022). The relation between pre-quit insomnia severity and smoking cessation outcomes among adults participating in treatment: A longitudinal study. Accepted for a poster presentation at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
12. Brown, H. A., Roberts, R. D., Chen, T. A., **Businelle, M. S.**, Obasi, E. M., Kendzor, D. E., & Reitzel, L. R. (2022, March). Perceived disease risk and cessation intervention preferences by sex amongst homeless adult concurrent tobacco product users and conventional cigarette-only users. Poster accepted for presentation at the annual meeting of the American Academy of Health Behavior, Key Largo, FL.
13. Jafry, M. Z., Martinez, J., Chen, T. A., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2022, March). Perceived Social Support Attenuates the Association between Stress and Health-Related Quality of Life among Adults Experiencing Homelessness. Poster accepted for presentation at the annual meeting of the American Academy of Health Behavior, Key Largo, FL.
14. Perski, O., *Hébert, E. T., Naughton, F., Hekler, E. B., Brown, J., & **Businelle, M. S.** (2022, April). Technology-mediated just-in-time adaptive interventions (JITAIs) to reduce harmful substance use: A systematic review. Poster accepted for presentation at the Society of Behavioral Medicine annual conference, Baltimore, MD.

15. Pehlivan, N., *Ra, C. K., Kim, H., & **Businelle, M. S.** (2022, April). Relations between education, acculturation, and gender and smoking prevalence among Asian Americans. Paper accepted for live spotlight Presentation to the Society of Behavioral Medicine 2022 Annual Meeting. Baltimore, MD.
16. *Montgomery, A. M., Neil, J. M., Cannell, M. B., Gonzalez, J., *Cole, A. B., *Ra, C. K., *Robison, J. H., Kezbers, K. M., & **Businelle, M. S.** (2022, April). Smartphone ownership and media use by adults experiencing homelessness: Avenues for future interventions. Poster accepted for presentation at the Society of Behavioral Medicine annual conference, Baltimore, MD.
17. *Robison, J. H., Neil, J. M., Cannell, M. B., Gonzalez, J., Zvolensky, M. J., *Ra, C. K., Garey, L., Kendzor, D. E., *Cole, A. B., Kezbers, K. M., *Montgomery, A. M., & **Businelle, M. S.** (2022, April). Relations between Distress Tolerance and psychosocial variables in adults experiencing homelessness. Poster accepted for presentation at the Society of Behavioral Medicine annual conference, Baltimore, MD.
18. *Gajos, J., *Sisson, M., Wolford-Clevenger, C., Chichester, K., *Hill, S., **Businelle, M. S.**, & Cropsey, K. (2022, April). Effects of a novel nicotine replacement therapy sampling intervention on daily cigarette use in low-income smokers. Poster presentation accepted to the Society of Behavioral Medicine 2022 Annual Meeting. Baltimore, MD.
19. Jafry, M.Z., Chen, T., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2021, April). Association of Social Support and Health-related Quality of Life among Adults Experiencing Homelessness. Oral presentation at the annual Psychological, Health, & Learning Sciences Research Symposium, Houston, TX.
20. Bui, T. C., Kulkarni, S., Xangsayarath, P., Phandouangsy, K., Tran, L. T., & **Businelle M. S.** (2021, March). Secondhand smoke exposure in Lao People's Democratic Republic: Results from the 2015 National Adult Tobacco Survey. E-Poster presented at the Consortium of Universities for Global Health 2021 Virtual Conference: Addressing Critical Gaps in Global Health and Development.
21. Bui, T. C., Heng, S., **Businelle, M. S.**, Chhea, C., Vidrine, J. I., Frank-Pearce, S. G., & Vidrine, D. J. (2021, February). Why did Cambodian HIV-positive smokers quit and relapse? Findings from a mixed-methods data analysis. Poster presentation at the 2021 Annual Meeting for the Society for Research on Nicotine and Tobacco. Virtual conference.
22. *Boozary, L. K., Frank-Pearce, S. G., *Alexander, A. C., *Waring, J. J. C., *Ehlke, S. J., **Businelle, M. S.**, Cohn, A. M., & Kendzor, D. E. (2021, February). Tobacco Use and Treatment Preferences Among Adults Accessing Services at a Day Shelter. Poster accepted for presentation at the 27th Annual Meeting, Society for Research on Nicotine and Tobacco, Virtual Meeting.
23. *Boozary, L. K., Alexander, A. C., *Waring, J. C., Frank-Pearce, S. G., *Ehlke, S. J., **Businelle, M. S.**, Cohn, A. M., Kendzor, D. E. (2021, February). Tobacco Use and Treatment Preferences among Adults Accessing Services at a Day Shelter [Poster submitted for presentation]. Stephenson Cancer Center Cancer Research Symposium, Virtual Meeting.
24. *Boozary, L. K., Frank-Pearce, S. G., Alexander, A. C., *Waring, J. C., *Ehlke, S. J., **Businelle, M. S.**, Cohn, A. M., Kendzor, D. E. (2021, February). Correlates of E-cigarette Use Among Adults Initiating Smoking Cessation Treatment [Poster Presentation]. Society for Research on Nicotine and Tobacco, Virtual Meeting.
25. *Cole A., Cheney, M., Frank-Pearce, S., Hawkins, M., Leffingwell, T., Sittner, K., Kendzor, D., & **Businelle, M.** (2021, February). Initial mixed methods findings from smartphone based smoking cessation apps with American Indian adults. Poster accepted for presentation at the 27th annual meeting for the Society for Research on Nicotine and Tobacco, Virtual.
26. *Ra, C. K., Hebert, E., Alexander, A., Kendzor, D., Suchting, R., & **Businelle, M.** (2021, April). Unsheltered and unstably housed adults have higher levels of stress and more health risk factors than sheltered homeless adults. Paper accepted for a Research Spotlight at the Society of Behavioral Medicine 2021 Annual Meeting (virtual)
27. Bui, T. C., Heng, S., **Businelle, M. S.**, Chhea, C., Ly, S. P., Vidrine, J. I., Frank-Pearce, S. G., Vidrine, D. J. (2020, October). Potential mHealth application for cancer prevention in Cambodians living with HIV. Poster presentation at the Trans-NCI-NIH Conference on International Perspectives on Integrative Medicine for Cancer Prevention and Cancer Patient Management; Virtual conference (due to COVID-19).

28. *Waring, J. J.C., *Olurotimi, O., *Kurien, J., *Noble, B., *Ra, C. K., **Businelle, M. S.**, *Alexander, A. C., & Kendzor, D. E. (2021, February). Perceived community social status is associated with current smoking among adults accessing day shelter services. Poster accepted for presentation at the 27th Annual Meeting of the Society for Research on Nicotine and Tobacco, Virtual.
29. Agrawal, P., Chen, T-A., Taing, M., Reuven, S. M, **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2020, October). Understanding the Associations Between Smoking-Related Risk Perception, Interest in Quitting Smoking, and Interest in Lung Cancer Screening Among Homeless Adult Smokers. Poster to be presented at the 13th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved.
30. *Chavez, J., *Hébert, E., Mayorga, N. A., Garey, L., **Businelle, M.**, Zvolensky, M. J. (2018, October). Assessing the Efficacy of an App-Delivered Intervention Amongst Daily Smokers. Poster presented at Undergraduate Research Day at The University of Houston, Houston, TX.
31. Agrawal, P., Reuven, S. M., Taing, M., **Businelle, M. S.**, Chen, T-A., Kendzor, D. E., & Reitzel, L. R. (2020, March). Smoking-Related Risk Perception and Interest in Lung Cancer Screening Among Homeless Adult Smokers. Poster to be presented at the Texas Medical Center Student Research Symposium, Houston, TX. (Conference canceled)
32. Reuven, S. M. (joint first author), Agrawal, P. (joint first author), Chen, T-A., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2020, April) The Association of Perceived Smoking Risk and Lung Cancer Screening Interest by Lifetime Quit Attempts among Adult Homeless Smokers. Poster to be presented at the PHLs conference. Houston, TX. (Cancelled due to COVID-19)
33. Chinamuthevi, S., Reitzel L.R., Hernandez, D.C., Kendzor, D.E., & **Businelle, M.S.** (2020, September). Association of Alcohol Use Problems and Food Insecurity among Homeless Adults. Poster to be presented at the University of Houston Undergraduate Research Day. Houston, TX.
34. Garcia, N., Daudasekara, S. S., Hernandez, D. C., Alexander, A., Santa Maria, D., Reitzel, L. R., Kendzor, D., **Businelle, M. S.** (2020, March). Perceived social support mediates the association between cumulative health risk on poor mental and physical health outcomes among homeless adults. Poster to be presented at the 2020 annual American Academy of Health Behavior. Napa, California. (Conference canceled)
35. 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.
36. 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.
37. *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.
38. *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.
39. *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.
40. 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. (Conference canceled)
41. *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.

42. 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. (Conference canceled)
43. 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. (Conference canceled)
44. *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. (Conference canceled)
45. *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.
46. *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.
47. *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.
48. *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.
49. *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.
50. *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.
51. 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.
52. *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.
53. *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.
54. *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.
55. *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.

56. 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.
57. *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.
58. *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.
59. *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.
60. 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.
61. *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.
62. *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.
63. *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.
64. *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.
65. 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.
66. *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.
67. 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.
68. 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.
69. 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.
70. 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.
71. 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.
 72. 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.
 73. 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.
 74. 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.
 75. 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.
 76. 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.
 77. 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.
 78. 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.
 79. *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.
 80. 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.
 81. *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.
 82. 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.
 83. *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.

84. *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.
85. 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.
86. *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.
87. *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.
88. 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.
89. *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.
90. 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.
91. 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
92. 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.
93. Maness, S. B., Reitzel, L. R., Hernandez, D. C., Santa Maria, D. M., *Batson, M. A., Kendzor, 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.
94. *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.
95. *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.
96. *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.
97. *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.
98. *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.
 99. *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.
 100. Kendzor, D. E., **Businelle, M. S.**, *Waters, A. F., & *Hébert, 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.
 101. *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.
 102. *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.
 103. 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
 104. 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.
 105. *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.
 106. *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.
 107. *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.
 108. *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.
 109. *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.
 110. 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.**
 111. *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.
112. *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.
113. *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.
114. *Garey, L., Reitzel, L. R., *Bakhshai, 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.
115. *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.
116. *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.
117. *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.
118. *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.
119. *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.
120. *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.
121. *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.
122. *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.
123. *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.
124. *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.
125. *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.

126. *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.
127. *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.
128. *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.
129. *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.
130. **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.
131. 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.
132. 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.
133. 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.
134. 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.
135. *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.
136. *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.
137. *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.
138. 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.
139. **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.

140. **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.
141. **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.
142. *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.
143. 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.
144. *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.
145. *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.
146. *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.
147. 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.
148. 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.
149. **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.
150. 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.
151. 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.
152. 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.

153. **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.
154. **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.
155. **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.
156. 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.
157. 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.
158. 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.
159. 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.
160. 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.
161. 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.
162. 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.
163. 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.
164. **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.
165. **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 the Insight Mobile Health Platform to conduct behavior change interventions. (November, 2021). *Walking Forward Lung Health Forum and Policy Symposium*. Rapid City, South Dakota.
2. Using the Insight Mobile Health Platform to conduct behavior change interventions. (September, 2021). *Boston University Mobile and Electronic Health Affinity Research Collaborative*. Virtual visit.

3. Using the Insight Platform to identify and intervene upon mechanisms of behavior change. (August, 2021). *University of Virginia School of Medicine Center for Behavioral Health and Technology Seminar Series*. Virtual visit.
4. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change. (December, 2020). *The Cancer Epidemiology and Prevention Affinity Group at The Fred Hutchison Cancer Center*. Virtual visit.
5. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (November, 2020). *University of Oklahoma Psychology Department Seminar*. Virtual visit.
6. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (November, 2020). Special seminar for the Biostatistics and Epidemiology Student Association (BSESA) at the *OUHSC Hudson College of Public Health*. Virtual visit.
7. Businelle, M. S. & Kendzor, D. E. The INSIGHT mobile health platform: Design and intervention applications (November, 2020). *University of Wisconsin Grand Rounds*. Virtual visit.
8. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (September, 2020). *Health Outcomes Research and Policy Graduate Seminar*. Auburn University Psychology Department. Virtual visit.
9. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (August, 2020). *Cancer Control and Survivorship Program - Special Seminar*. *St. Jude Children's Research Hospital*. Virtual visit.
10. 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.
11. 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.
12. 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.
13. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (September, 2019). *Grand Rounds at the University of Alabama Birmingham*. Birmingham, Alabama.
14. Using Smartphones and Sensors to Identify and Intervene Upon Mechanisms of Behavior Change (June, 2019). *OU Medicine Analytics Meeting*. Oklahoma City, Oklahoma.
15. Taking Smoking Cessation Interventions Mobile – The Smart Treatment (Smart-T) Projects. (April, 2019). *OU Fit Lunch and Learn*. Oklahoma City, Oklahoma.
16. Using the Insight mHealth Platform and Integrated Biosensors to Improve Health Outcomes. (March, 2019). *3rd Annual OU-OUHSC Biomedical Engineering Symposium*. Oklahoma City, Oklahoma.
17. Developing Smartphone Based Assessments and Just-in-Time Adaptive Interventions. (January, 2019). *University of Oklahoma Health Sciences Center Department of Periodontics*. Oklahoma City, Oklahoma.
18. 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.
19. 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.
20. Project Phoenix: A Smartphone Based Smoking Cessation Induction Trial. (June 2018). *Oklahoma Tobacco Research Center Journal Club*. Oklahoma City, Oklahoma.
21. 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.
22. Developing and Testing Smartphone Based Assessments and Interventions. (March 2018). *Hematology/Oncology Grand Rounds, Stephenson Cancer Center*. Oklahoma City, Oklahoma.
23. Developing and Testing Smartphone Based Assessments and Interventions. (February 2018). *Harold Hamm Diabetes Center at the University of Oklahoma*. Oklahoma City, Oklahoma.

24. Developing Smartphone Based Assessments and Just-in-Time Adaptive Interventions. (February 2018). *University of North Texas Psychology Department*. Denton, Texas.
25. 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.
26. Using Intensive Longitudinal Data to Identify and Intervene Upon Mechanisms of Behavior Change in Socioeconomically Disadvantaged Adults. (November 2017). *American Cancer Society*. Atlanta, Georgia.
27. 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.
28. 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.
29. Using the OTRC mHealth Resource to Identify and Intervene Upon Mechanisms of Behavior Change (March 2017). *Oklahoma State University Clinical Psychology Colloquium*. Stillwater, Oklahoma.
30. The Mobile Health Shared Resource: Description of Services. (December 2016). *Family Medicine Research Forum*. Oklahoma City, Oklahoma.
31. Invited speaker at the *American Cancer Society Cancer Action Network* annual Oklahoma City Cancer Policy Forum. (November 2016). Oklahoma City, OK.
32. Complex human activity recognition using smartphone and wrist-worn motion sensors. (July 2016). *Oklahoma Tobacco Research Center Journal Club*. Oklahoma City, Oklahoma.
33. Momentary Assessment and Just-in-Time Interventions in Socioeconomically Disadvantaged Smokers. (May 2016). *American Cancer Center*. Oklahoma City, Oklahoma.
34. Reducing Health Disparities Among Homeless Adults. (February 2016). *Family Medicine Research Forum*. Oklahoma City, Oklahoma.
35. 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.
36. 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.
37. Innovative Interventions for Socioeconomically Disadvantaged Smokers. (November 2014). *Austin Campus of the University of Texas School of Public Health*. Austin, TX.
38. Using Ecological Momentary Assessment in Socioeconomically Disadvantaged Populations. (April 2014). *University of North Texas School of Public Health*. Fort Worth, TX.
39. Innovative Interventions for Socioeconomically Disadvantaged Smokers. (March 2014). *University of Texas Southwestern Medical School Second Year Medical Students*. Dallas, TX.
40. Innovative Interventions for Socioeconomically Disadvantaged Smokers. (February 2014). *Parkland Hospital Tobacco Cessation Clinic*. Dallas, TX.
41. Addressing Health Disparities Among People Experiencing Homelessness: From Research to Policy Change. (November 2013). *Parkland Hospital*. Dallas, TX.
42. 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.
43. Reducing Health Disparities among Homeless Adults. (November 2013). *University of Texas Southwestern Medical Center, Clinical Psychology Program*. Dallas, TX.
44. Reducing Cancer Disparities using Mobile Technology (April 2013). *American Cancer Society Cattle Baron's Ball Fundraiser*. Dallas, TX.
45. Smoking and Smoking Cessation in a Homeless Sample of Smokers Seeking Cessation Treatment (March 2013). *The Bridge Homeless Assistance Center*, Dallas, TX.
46. Reducing Tobacco Related Disparities among Homeless Adults (February 2013). *Center for Brain Health*. Dallas, TX.

47. Healthy Lungs. Smoking and Smoking Cessation in America (January 2013). *University of Texas Southwestern Medical Center Lunch and Learn*. Dallas, TX.
48. 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.
49. Socioeconomic Disparities in Smoking Cessation: Understanding the Mechanisms. (December 2009). *The University of Texas MD Anderson Cancer Center Grand Rounds*. Houston, TX.
50. Socioeconomic Disparities in Smoking Cessation: Understanding the Mechanisms. (November 2009). *The University of Texas School of Public Health, Dallas Campus*. Dallas, TX.
51. 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.
52. Decision-Making in Individuals Who Abuse Substances. (February 2007). *Johns Hopkins Bayview Medical Center*, Department of Psychiatry and Behavioral Sciences, Baltimore, MD.
53. 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

Courses and Guest Lectures at the University of Oklahoma Health Sciences Center

Semester	Course
Spring 2021	CTS 5133 Foundations in Translational Research
Spring 2020	OTRC Training Program Postdoctoral Fellow Grant Writing Workshop
Spring 2020	CTS 5133 Foundations in Translational Research
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 2017	OTRC Training Program Postdoctoral Fellow Seminar on Intervening to Address Health Disparities among Homeless Adults
Summer 2017	OTRC Summer Scholars Seminar on developing mHealth interventions
Spring 2017	OTRC Training Program Postdoctoral Fellow Grant Writing Workshop
Spring 2016	CTS 5133 Foundations in Translational Research
Summer 2016	OTRC Summer Scholars Seminar on developing mHealth interventions
Fall 2016	OTRC Postdoctoral Fellow Seminar on developing mHealth interventions

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

09/2021-present	Lizabeth Benson, PhD Mentor University of Oklahoma Health Sciences Center
11/2018-present	Ashley Cole, PhD (became Tenure track faculty in 2019) Mentor Oklahoma State University
9/2020-present	Adam Alexander, PhD Secondary Mentor University of Oklahoma Health Sciences Center

- 6/2019-present Chaelin “Karen” Ra, PhD
Primary Mentor
University of Oklahoma Health Sciences Center
- 8/2016–present Emily Hébert, DrPH (became faculty in 2020)
Primary Mentor
Promoted to Research Assistant Professor at OUHSC (February 2020)
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

- 2021-present Angelina Mayorga
University of Houston
Status: Proposal successfully defended Fall 2021
- 2015–2016 Matthew Koslovsky
University of Texas School of Public Health
Status: Successful defense Fall 2016
- 2015–2017 Annia Raja
University of Texas Southwestern Medical Center, Clinical Psychology Ph.D.
Program
Status: Successful defense Spring 2017
- 2015–2016 Emily Hébert
University 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. Program
Dissertation 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 Health
Ph.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. Program
Thesis 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. Program
Thesis 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. Program
Thesis 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 Denning
Lab member, University of Texas School of Public Health M.P.H. student

01/2014-05/2015 Jasmin Aldridge
Lab member, University of Texas School of Public Health M.P.H. student

09/2012–11/2014 Debora Rios
Lab 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
Donald Chitanda	2010-2012 (grad)
Josephine Emole	2010
Clare Frey	2010-2011 (grad)
Ashley Hickson	2010-2011 (grad)
Sunitha Malla	2010
Sophia Serrano	2010
Carolyn Tolbert	2010-2012 (grad)
Matthew Cvitanovich	2011-2012 (grad)
Kathryn Martinez	2011-2014 (grad)
James Miller	2011-2013 (grad)
Jessica Pinckard	2011-2013 (grad)
Chet Schrader	2011
Tiffany Hillert	2012-2014 (grad)

Advisor to MPH Students	Years
Bhim Upreti	2012-2013 (grad)
Waqar Munaza	2012-2012 (grad)
Bradley Adams	2012-2012 (grad)
Gene Lee	2012-2013 (grad)
Lauren Ruzicka	2012-2015
Erin Taylor	2012-2015 (grad)
Andrea Betts	2013-2015
Justin Stuart	2013-2014 (grad)
Julia Koch	2014
Srikala Appana	2014-2015
Lorraine Burkhalter	2014-2015

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

08/2021 NIH
Psychosocial Intervention Treatment Development Panel

01/2021 Washington State – CARE COVID-19 Response Proposal Review

10/2020 NIH
NCCIH Panel: Clinical Trials of Mind and Body Interventions Review Panel

- 08/2020 Health Research Council of New Zealand
2020 HRC-NSFC Biomedical Collaboration Fund Grant Reviewer
- 07/2020 NIH
Digital, Limited Interaction Trials and Epidemiology (D-LITE): Targeting HIV
Incidence in the United States (U01 Clinical Trial Required) Panel
- 06/2019 NIH
SBIR 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 Health
Abstract reviewer
- 2015 Wellcome Trust. Clinical Postdoctoral Training Fellowship application
- 2014, 2015 Society for Research on Nicotine and Tobacco (SRNT) Health Disparities
Network Diversity Scholarship Applications
2015 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 Health

Reviewed 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

- March 2021–present Co-Chair, SRNT Treatment Network Committee
- Summer 2017-2018 Member, Clinical Program Committee for the 2018 SRNT Annual Meeting
- 2017–present Co-Chair SRNT mHealth Work Group
- Spring 2017–2019 Co-Chair Treatment Network Education Committee, SRNT
- Summer 2013–2019 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
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The University of Texas MD Anderson Cancer Center

2008–2010	Member, Trainee and Alumni Affairs Steering Committee
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Louisiana State University

2005 & 2006	Student Representative, Clinical Applicants and Admissions Committee Co-Reviewer, Ph.D. Clinical Psychology Program
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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 Program State 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
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- 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, TX
Provide 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, LA
Co-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, LA
Provided in-service to a group of offshore workers on the warning signs and treatment of substance abuse and dependence.

SELECTED PRESS COMMUNICATIONS

- February 2022 Television interview with NBC (KFOR) focused on the EASE app for anxiety and depression during the COVID-19 pandemic. <https://kfor.com/news/local/ou-researchers-oklahoma-city-pastor-seeking-participants-in-mental-health-app-study/>
- December 2021 Television interview with Fox23 focused on the EASE app for anxiety and depression during the COVID-19 pandemic. <https://www.fox23.com/news/local/researchers-ou-test-app-help-manage-anxiety-depression-amid-pandemic/QTNXVHKZJVAYTNONWZWBEXQ26I/>
- December 2021 Television interview with ABC (KOCO) focused on the EASE app for anxiety and depression during the COVID-19 pandemic. Press release also appeared on Fox affiliate: <https://www.fox23.com/news/ou-professor-receives-grant-test-mental-health-care-smartphone-app/UNHTG76LPVH6NPV3JOVPIGTJY/>
- May 2020 Television interview with ABC (KOCO) focused on the Symptom Tracker app that assesses symptoms for COVID-19 and intervenes when symptoms are detected. <https://www.koco.com/article/stephenson-cancer-center-details-plans-for-new-app-to-help-cancer-patients-during-covid-19/32484041#>
- 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>