

## Curriculum Vitae

**MICHAEL S. BUSINELLE, Ph.D.**

Peggy and Charles Stephenson Endowed Chair in Cancer  
 TSET Health Promotion Research Center  
 Department of Family and Preventive Medicine  
 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 10 individuals including 6 computer scientists/engineers. In the past 9  
 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 110 projects (over 60 with funding from the NIH); 6 studies collect data outside the US – Cambodia, Laos, & Scotland).**

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

### **COPYRIGHTS/PATENTS**

1. U.S. Provisional Patent Application (#63/512,169) entitled “Systems and Methods for Using Olfactory Stimuli to Influence a Behavior or Condition of a Subject,” filed 7-18-23. Non-provisional submitted 7-8-24.
2. U.S. Provisional Patent Application (63/522,402) entitled “Breath Analyzer for Detecting Multiple Chemicals,” filed 6-21-23.
3. OKquit Smoking Cessation app – disclosure and trademark submitted to OUHSC 6-8-2022.
4. U.S. Provisional Patent Application (#62/982,023) entitled “Medicine Dispenser with Patient Compliance Monitoring System,” filed Feb. 26, 2020.
5. 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**

- 2021–2022 Fellow Leadership Institute, Society of Behavioral Medicine
- 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**

- R01MD019957** (MPIs: Businelle, Garey) 09/23/2024-06/30/2029  
*National Test of a Culturally Tailored mHealth Integrated Smoking Cessation and Mental Health Intervention for Black Adults with HIV*  
This study will test an innovative smoking cessation application for Black adults with HIV.  
Total costs: \$4,751,918  
Effort: 20%
- R34CA286803** (MPIs: Businelle, Garey, Sayette) 09/11/2024-08/31/2027  
NIH/NCI  
*An Innovative Digitally-Delivered Olfactory Method for Reducing Cigarette Cravings and Supporting Smoking Cessation*  
This study will test a first of its kind olfactory delivery device that aims to reduce nicotine cravings in adults attempting to quit smoking.  
Total costs: \$900,000  
Effort: 10%
- R01AA030276** (PIs: Businelle, Oliver, & Walters) 08/20/2024-04/30/2029  
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 adults experiencing homelessness.  
Total costs: \$3,264,979  
Effort: 20%
- R01MH126586** (MPIs: Businelle & Zvolensky) 05/01/2021–03/31/2025  
NIH/NIMH NCE start 05/01/2024  
*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%

5. **R01CA221819** (PI: Businelle) 02/01/2019-01/31/2025  
NIH/NCI (Clinical Trials#: NCT03740490) NCE start 02/01/2024  
*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%
6. **R01MD010733** (PIs: Businelle & Reingle) 09/26/2017-05/31/2024  
NIH/NIMHD (Clinical Trials#: NCT03399500) 2<sup>nd</sup> NCE start 6/1/2023  
*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: 3%
7. **TSET STCST00400\_FY24** (PIs: Businelle & Kendzor) 07/01/2023–06/30/2026  
*Health Promotion Research Center*  
Total Costs: \$15,150,000 (Direct: \$13,772,727)  
This grant funds the Health Promotion Research Center that Drs. Businelle and Kendzor co-direct.  
Effort: 5%
8. **P30CA225520-03S3 Supplement** (MPIs: Businelle & Moxley) 06/01/2020-05/31/2021  
NIH/NCI (Clinical Trials#: NCT04397614) NCE since 06/01/2021  
*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 assess symptom severity each day and provides advice/connections when severe symptoms are detected.  
Total Costs: \$217,000 (Direct: \$149,655)  
Effort: 5%
9. **U54MD015946** (PI: Obasi; Project MPIs: Businelle & Zvolensky) 09/01/2020–04/30/2025  
NIH/NIMHD (Clinical Trials#: NCT04838236)  
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%

10. **U54MD015946 Supp** (PI: Obasi; Project MPIs: Businelle & Garey) 05/01/2022–04/30/2025  
NIH/NIMHD  
*A Fully Automated and Culturally-Adapted mHealth Intervention for Smoking Cessation Among Black Smokers with HIV*  
We will adapt our already developed and preliminarily tested, culturally adapted, mHealth smoking cessation intervention for Black smokers (MASP) to incorporate HIV disease management skills that are uniquely applicable to Black adults with HIV (MASP+).  
Total costs: \$1,271,869 (direct costs: \$1,051,967; OUHSC total costs \$440,812)  
Effort: 12%
11. **OUHSC Pilot Funds** (PI: Businelle; NCT03405129) 06/01/2018–05/31/2024  
*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
12. **OUHSC Pilot Funds** (PI: Businelle & Funk-Lawler; NCT04126642) 03/01/2020–05/31/2024  
*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).
13. **OUHSC Pilot Funds** (PIs: Businelle & Alexander; NCT04887558) 08/01/2021–07/31/2025  
*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+).
14. **OUHSC Pilot Funds** (PIs: Businelle & Hebert; NCT05194228) 11/30/2021–11/29/2023  
*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).
15. **TSET Pilot Funds** (PI: Businelle) 05/15/2022-12/30/2024  
*OKquit – Testing a Novel Smartphone Application for Smoking Cessation with the Oklahoma Helpline*  
This study (N=500) is a randomized controlled trial that will evaluate the feasibility and initial efficacy of an innovative, evidence-based smoking cessation app tailored for smokers that contact the OTH for services.  
*Direct costs:* \$300,531

**Co-Investigator**

16. **U01CA294811** (MPIs: Bui, Vidrine, & Xangsayath) 08/12/2024–07/31/2029  
NIH/NCI  
*Implementing Sustainable mobile health Technology to Optimize smoking cessation Program for Lao people with HIV (I-STOP)*  
The purpose of this study is to compare 2 smoking cessation implementation strategies in 8 antiretroviral therapy (ART) clinics in the 5 most populous provinces/regions across Laos, using a hybrid type-2 pragmatic effectiveness-implementation study and a parallel cluster randomized trial design. Specifically, we will compare an Ask-Advice-Connect (AAC) approach paired with our previously developed mHealth automated tobacco treatment program to an AAC approach paired with less resource intensive printed self-help material.  
Total: \$3,187,275 (Direct: \$2,720,795)  
Effort: 5%
17. **R01NR020997** (PI: Santa Maria) 09/21/2023-08/31/2027  
NIH/NINR  
*Examining the Efficacy of MY-RIDE, a mHealth Intervention to Reduce HIV in Youth Experiencing Homelessness*  
Building on the promising results of a pilot study with this population, we aim to fully test the efficacy of MY-RIDE on substance use and HIV prevention strategies. This mHealth approach sends timely, personalized HIV prevention messages at the time of heightened risk for engaging in HIV transmission behaviors.  
OUHSC direct costs: \$165,020 (total OUHSC costs: \$239,280)  
Effort: 10%
18. **R01DA059471** (MPIs: Cropsey & Gamble) 09/18/2023-08/31/2027  
NIH/NIDA  
*Medications for Opioid Use Disorder differentially modulate intrinsically photosensitive retinal ganglion cell function, sleep, and circadian rhythms: Implications for treatment*  
This project will investigate a special set of photosensitive neurons in the retina as an underlying mechanism for circadian rhythm and sleep disturbance from opioid use and medications for OUD that could lead to novel interventions and improve treatment outcomes.  
OUHSC direct costs: \$126,048 (total costs: \$182,769)  
Effort: 7%
19. **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%
20. **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: 8%

21. **R21CA253600/R33CA253600** (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%
22. **R21CA253600-S1** (PI: Bui) 09/01/2021–08/31/2024  
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%
23. **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%
24. **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%
25. **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%
26. **P30 CA225520** (PI: Mannel; Businelle: Dir mHealth Shared Resource) 05/01/2018–04/30/2028  
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: \$20,338,846 (Direct: \$14,073,242)  
Effort: 5%

27. **OSCTR** (MPI: Braun & Bui) 01/17/2023–12/31/2024  
Oklahoma Shared Clinical & Translational Resources Pilot Award  
*Mobile health-based motivational interviewing to promote SARS-CoV-2 vaccination in Oklahomans (CoVacc)*  
This study aims to evaluate the preliminary efficacy and acceptability of our mHealth-based motivational interviewing intervention to promote SARS-CoV-2 vaccination in an Oklahoman rural population.  
*Total (direct): \$50,000*
28. **Presbyterian Health Foundation** (MPI: Neil and Alexander) 07/01/2022-06/30/2024  
*A pilot randomized clinical trial of a smartphone-based application for prostate cancer education and home-based PSA screening for African American men*  
To address prostate cancer inequities among African American men, this grant employs a team science approach to develop and pilot test the first-of-its-kind Prostate Cancer Genius app to improve knowledge of prostate cancer risk and symptoms, and deliver tailored navigation to complete a home-based PSA test.  
*Total cost: \$ 98,462*
29. **U54MD015946A Pilot Award** (PI: Garey) 08/09/2022-07/31/2024  
*Mobile Intervention for Cannabis-related Disparities Among Black Cannabis Users: A Pilot Study*  
This study will pilot test a novel cannabis cessation/reduction app for Black cannabis users.  
*Costs: \$50,000 (direct costs) [\$77,500 total costs]*  
Effort: in kind
30. **HPRC Pilot** (PI: Bui) 01/01/2021-12/31/2024  
Smoking-related cancer prevention for Vietnamese smokers with limited English in the United States (CaPVie)  
*Costs: \$50,000 (direct costs)*  
Effort: in kind

### **Consultant**

31. **R01CA282223** (PI: Hoepfner) 08/03/2023-07/31/2028  
NIH/NCI  
*Randomized clinical trial to test the efficacy of a smartphone app for smoking cessation for nondaily smokers*  
This study will test the effectiveness of the Smiling instead of Smoking (SiS) app in a sample of nondaily smokers. Dr. Businelle will serve as a consultant on this innovative project.  
*Total consulting costs: \$9,000*
32. **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.
33. **U54MD015946A Pilot Award** (MPIs: Garey & Fernandez) 08/09/2024-07/31/2026

NIH/NIMHD

*Freedom to Reach Emotional Empowerment: An mHealth App for Black Women with HIV*

This study will test a novel, culturally sensitive mHealth app that aims to improve the health of Black women with HIV by increasing access to mental health treatment and offering support and encouragement for maintaining HIV care.

**Mentor**

34. **K99/R00 DA054255** (PI: Ra) 07/01/2024–06/20/2029  
NIH/NIDA  
Title: Using Mobile Technology to Examine Mechanisms Linking Sleep and Smoking Cessation  
Direct Costs (initial year): \$98,745  
Role: Mentor
35. **K23AA030804** (PI: Redmond) 09/20/2023-08/31/2028  
*Latinx Hazardous Drinkers: Evaluating Microaggressions*  
This work will provide a nuanced approach to examining minority stress and hazardous drinking among Latinx individuals and poses a highly unique training opportunity.  
Total costs: \$937,710 (Direct costs: \$868,250)  
Role: Co-mentor
36. **R01MH126586 Supplement** (Mentee: McGrew) 12/01/2022–03/31/2024  
NIH/NIMH  
*Mobile Health to Monitor Risk for COVID-19 and Improve Mental Health during the Pandemic*  
The NIMH Diversity Supplement supports Ms. Shelby McGrew’s development into an independent researcher. This study involves EMA-based implementation and examination of a low-cost mobile application, titled Easing Anxiety Sensitivity for Everyone. This intervention is designed to target ongoing mental health concerns, such as anxiety sensitivity and depressive symptoms, among Black, Latinx, and American Indian communities.  
Total costs: \$91,335  
Role: Mentor
37. **K08CA266937** (PI: Azizoddin) 07/01/2022–06/30/2027  
NIH/NCI (NCI)  
*Integrating pain-CBT into an mHealth analgesic support intervention for patients with chronic pain from advanced cancers*  
This study 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.  
Total costs: \$958,425 (Direct costs: \$887,753)  
Role: Mentor
38. **K01MD015295** (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  
Role: Co-Mentor
39. **K01DA054262** (PI: Gajos) 04/01/2022–03/31/2027

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.

*Total costs:* \$841,563

*Role:* Co-Mentor

40. **K01HL148907** (PI: 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

41. **K99DA054260** (PI: Brett) 07/01/2022-06/30/2024

NIH-NIDA

*Development of a Mobile Health Intervention for Electronic Cigarette Use among Young Adults*

This study seeks to develop and test a mobile health intervention for young adults who use electronic cigarettes or are dual users of cigarettes and e-cigarettes leveraging evidence-based smoking cessation materials and pharmacotherapy along with qualitative feedback.

*Total costs (K99 period only):* \$345,556

*Role:* Co-mentor

42. **K99/R00DA046564** (PI: Emily Hébert) K99 phase 03/01/2019–07/31/2020  
R00 phase 08/01/2020–11/30/2024

NIH/NIDA

*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

43. **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

44. **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:* \$110,112

*Role:* Co-Mentor

45. **F31AA030163** (PI: Tanya Smit) 05/01/2022-04/30/2025  
NIH/NIAAA  
*Microaggressions and Hazardous Drinking among non-Latinx Black Individuals with Chronic Pain*  
This dissertation project (N=100) aims to elucidate the distinct role of micro aggressions in alcohol use motivation and drinking directly and indirectly through emotion dysregulation among non-Latinx Black adults using time sampling methodology (over the course of 21 days).  
*Direct Costs:* \$110,112  
*Role:* Co-Mentor

## COMPLETED RESEARCH SUPPORT

### Principal Investigator

1. **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%
2. **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%
3. **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%
4. **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%
5. **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

6. **MRS-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*
7. **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*
8. **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*
9. **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*
10. **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*
11. **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

12. **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

13. **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

14. **Presbyterian Health Foundation** (PI: Nguyen, Anna) 07/2022-06/2023  
*Implementing a Multilevel, Multicomponent, Culturally Tailored Vietnamese Diabetes Intervention using mHealth*

This study aims to pilot a multilevel, multicomponent, culturally tailored Vietnamese intervention project to provide diabetes education, health behavior change support, and emotional support through secure, patient-facing mobile health technology to help patients understand the disease process, gain skills to manage their condition, and adopt a healthy lifestyle. This is the first Vietnamese diabetes intervention using mHealth to address the barriers of language differences and diabetes literacy.

Direct cost: \$49,965

15. **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

16. **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%

17. **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*
18. **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*
19. **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%
20. **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
21. **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
22. **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%

01/06/2014–10/01/2015

23. **IRG-02-196-07** (PI: Kendzor)

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**

24. **K23DA042898** (PI: Jason Oliver)

04/01/2017-03/31/2024

NIH/NIDA

*Nicotine withdrawal and reward processing: Connecting neurobiology to real-world behavior*

*Direct Costs:* \$792,085.00

*Role:* Mentor

25. **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

26. **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

27. **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

28. **R25/CA57712** (PI: Mullen)

09/01/2013–10/01/2015

NCI/NIH

*Behavioral Science Education-Cancer Prevention and Control*



*Direct and Indirect Costs:* \$2,499,817

29. **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)
30. **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**

31. **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
32. **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
33. **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.
34. **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
35. **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

36. **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. **R01CA286560** (PIs: Businelle & Neil) Submitted: 06/03/2024  
NIH/NCI Score in 17%  
*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: 04/01/2024 – 03/31/2030  
Total costs: \$3,528,973  
Effort: 25%
  
2. **R01CA303843** (PIs: Businelle & Hebert) Submitted: 10/05/24  
NIH/NCI  
*Optimizing Smoking Cessation Outcomes: A SMART Approach to Adaptive Interventions*  
The purpose of the proposed study is to determine the efficacy of a novel smartphone application that automatically reassigns participants to different empirically supported smoking cessation interventions based on initial response to treatment.  
Total costs: \$3,673,099  
Effort: 20%

**Co-Investigator**

**Consultant**

**Mentor**

1. **K23-14068871** (PI: Tonkin) 0/01/2024-08/31/2029  
NIH/NIDA  
Title: *A translational evaluation of depressive symptomology and smoking cessation treatment mechanisms for just-in-time-adaptive-interventions*  
This K23 proposal will evaluate the processes that may make smoking treatments less effective for individuals with elevated depressive symptoms using a highly accessible mHealth intervention. This work will inform the development of novel interventions to target these processes and improve smoking treatment among individuals with depressive disorders.  
Total costs: \$693,430 (Direct: \$642,285)

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

Total Pubs; # with mentees	First Authored Pubs	Percent Pubs as 1 <sup>st</sup> , 2 <sup>nd</sup> , or Senior Author	*Total Pub Citations	*Total Citations ≥ 2020	*H-Index
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229; 125	24	52.8%	3481*/5559**	2031*	34*/43**
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\*From Scopus; \*\* From Google Scholar; Updated 10/9/2024

1. \*Sisson, M. L., Azuero, A., Hawes, E., Chichester, K. R., Carpenter, M. J., **Businelle, M. S.**, Shelton, R. C., & Cropsey, K. L. (in press). Characterizing individuals who elect and decline opioid overdose education and naloxone distribution to tailor programs and expand impact. *Journal of Addiction Medicine*. 11-8-24
2. Neil, J., \*Mao, B., \*Shao, R., Adedipe, M., Frank-Pearce, S., **Businelle, M.**, Cookson, M., Stratton, K., Doescher, M., Pharr, S., Moise, V., Fleshman, B., Fronheiser, J., Estrada, K., Flores, I., Bradley, D., Kendrick, A., & \*Alexander, A. C. (2024). A pilot randomized clinical trial of a smartphone-based application to support at-home PSA screening and culturally tailored prostate cancer education for African American men: A study protocol. *Contemporary Clinical Trials*. 11-6-24
3. Sifat, M., \*Alexander, A. C., Businelle, M., Frank-Pearce, S. G., Kharazi Boozary, L., Wagener, T. L., Ahluwalia, J. S., & Kendzor, D. E. (in press). E-cigarette switching and financial incentives to promote combustible cigarette cessation among adults accessing shelter services: A pilot study. *Drug and Alcohol Dependence Reports*. 10-31-24
4. \*Robison, J. H., Aston, E. R., Matoska, C. T., \*Smit, T., Neighbors, C., **Businelle, M.**, Zvolensky, M. J., & Garey, L. (in press). Applying a behavioral economic approach to understanding smoking processes: The indirect effect of past quit experiences. *Drug and Alcohol Dependence*. 10-30-24
5. Ogunsanya, M. E., Frank-Pearce, S., Chen, S., Sifat, M., Cohn, A. M., **Businelle, M. S.**, & Kendzor, D. E. (in press). The influence of sociodemographic, tobacco use, and mental health characteristics on treatment adherence among adults enrolled in a community-based tobacco cessation program. *Addictive Behaviors Reports Journal*. 10-18-24
6. Kendzor, D. E., Davie, M., Chen, M., Hart, J., Frank-Pearce, S. G., Doescher, M. P., \*Alexander, A. C., **Businelle, M. S.**, Ogunsanya, M. E., Sifat, M. S., & Boozary, L. K. (in press). Incentivizing tobacco helpline engagement in persistent poverty counties: A randomized trial. *American Journal of Preventive Medicine*. 10-9-24
7. Bizier, A., Smit, T., Thai, J. M., **Businelle, M. S.**, Obasi, E. M., Gallagher, M. W., Zvolensky, M. J., & Garey, L. (in press). The indirect effects of negative affect reduction motives on the relationship between sex and severity of problems when trying to quit among Black adults who smoke. *Substance Use and Misuse*. 9-24-24
8. \*Azizoddin, D. R., DeForge, S. M., Edwards, R. R., Baltazar, A. R., Schreiber, K. L., Allsop, M., Banson, J., Oseguera, G., **Businelle, M. S.**, Tulsky, J. A., & Enzinger, A. (in press). Serious games for serious pain: Development and initial testing of a cognitive behavioral therapy game for patients with advanced cancer pain. *JCO Clinical Cancer Informatics*. 10-9-24
9. \*Gajos, J. M., Gimenez-Santana, A., Walker, J. T., Cropsey, K. L., Walters, S. T., & **Businelle, M. S.** (in press). Using risk terrain modeling and geographically-explicit ecological momentary assessments to examine alcohol use in adults experiencing homelessness. *Journal of Crime and Justice*. 8-22-24
10. Johnson, A., Bui, T., Bullen, C., **Businelle, M.**, Carroll, D., Correa-Fernandez, V., Pickner, W., Spears, C., Vickerman, K., Vidrine, D., Webb Hooper, M., & Bold, K. (in press). Engaging specific populations with tobacco-related health disparities in treatment research: A summary of a SRNT Treatment Research Network Preconference Workshop. *Nicotine and Tobacco Research*. 8-19-24
11. Garey, L., \*Robison, J. H., Matoska, C. T., \*Montgomery, A., Jones, A., \*Hébert, E. T., Vujanovic, A. A., Kezbers, K. M., Cheney, M. K., Gallagher, M. W., Obasi, E. W., Zvolensky, M. J., & **Businelle, M. S.** (in press). A proof-of-concept trial of a smoking cessation and anxiety sensitivity reduction smartphone application for Black adults. *Cognitive Behaviour Therapy*. 8-1-24
12. Warner, E. A., \*Azizoddin, D., Frank-Pearce, S., Ford, L., Bradley, D., Cohn, A., **Businelle, M.**, Spicer, P., Appleseth, H., & McQuoid, J. (in press). "It frees your body from that pain thought": A mixed methods exploration of patterns, contexts, and experiences of cannabis use for pain in rural communities. *Journal of Pain*, 104636. 7-11-24
13. **Businelle, M. S.**, \*Hébert, E. T., Shi, D., \*Benson, L., Kezbers, K. M., \*Tonkin, S., Piper, M. E., & Qian, T. (2024). Investigating best practices for ecological momentary assessment: Nationwide factorial experiment. *JMIR*, 26, e50275. 6-12-24

14. **Businelle, M.** (co-first author), \*Becerra, J. (co-first author), Witten, C., Chen, S., Kezbers, K., Beebe, L., & Kendzor, D. E. (2024). Smartphone-based smoking cessation intervention (OKquit) for Oklahoma Tobacco Helpline users: Protocol for a randomized controlled trial. *JMIR Research Protocols*, *13*, e56827. 6-1-24.
15. **Businelle, M. S.**, \*Benson, L., \*Hébert, E. T., Neil, J., Kendzor, D. E., Frank-Pearce, S., Kezbers, K. M., Vidrine, D., & Gaur, A. (2024). Project Phoenix: Pilot randomized controlled trial of a smartphone-delivered intervention for people who are not ready to quit smoking. *Drug and Alcohol Dependence*, *260*, 111351. 5-24-24
16. Carroll, D. M., Jennings, D., Stately, A., Kamath, A., Tessier, K. M., Cotoc, C., Egbert, A., Begnaud, A., **Businelle, M.**, Hatsukami, D., & Pickner, W. (in press). Pilot randomized controlled trial of a culturally aligned smoking cessation app for American Indian persons. *Tobacco Control*. 5-18-24
17. Zvolensky, M. J., \*Robison, J. H., Ayers, Z. S., Senger, A. R., Clausen, B. K., **Businelle, M. S.**, & Gallagher, M. W. (2024). Anxiety sensitivity and COVID-19 mental health, fatigue, and well-being: A longitudinal examination among adults from the United States during March-October 2020. *Cognitive Behaviour Therapy*, *53*, 642-660. 5-17-24
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## 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

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#### PUBLISHED ABSTRACTS

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7. Taing, M., Maza, V., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2020). Characterizing unintentional daytime sleep by heaviness of tobacco use among homeless adult smokers. *Health Behavior Research*, *3*(2), 53-54. doi: 10.4148/2572-1836.1091
8. Odoh, C., Agrawal, P., **Businelle, M. S.**, Kendzor, D.E., Reitzel, L.R. (2019). Sex as a predictor of overnight and emergency treatment among homeless adults. *Health Behavior Research*, *2*(2), 100-101. doi: 10.4148/2572-1836.1048
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
10. \*Taylor, A., Murillo, R., **Businelle, M. S.**, \*Chen, T-A., Kendzor, D. E., McNeill, L. H., & Reitzel, L. R. (2019). The moderating effect of race on the relation Between Physical Activity and Sleep Duration in an Adult Homeless Sample. *Health Behavior Research*, *2*(2), 82. Doi: 10.4148/2572-1836.1048
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
12. \*Odoh, C., Bhavsar, S., \*Chen, T-A., \*Neisler, J., **Businelle, M.S.**, Kendzor, D.E., & Reitzel, L.R. (2019). Perceived Living Environment and Stress Levels among Sheltered Homeless Men and Women. *Health Behavior Research*, *2*(2), 44-45. doi: 10.4148/2572-1836.1048
13. **Businelle, M. S.**, Kendzor, D., Williamson, D., Patterson, S., Clendenin, A., & Copeland, A. (2005). Demographic variables, alcohol use, and alcohol outcome expectancies in children. *Annals of Behavioral Medicine*, *29* (Suppl), S188.
14. Kendzor, D., **Businelle, M. S.**, Williamson, D., Patterson, S., Clendenin, A., & Copeland, A. (2005). Demographic characteristics associated with smoking and smoking outcome expectancies in children.

- Annals of Behavioral Medicine*, 29 (Suppl), S168.
15. Kendzor, D., Williamson, D., Patterson, S., Clendenin, A., **Businelle, M. S.**, & Copeland, A. (2005). Smoking and weight concern in children: A prospective study. *Annals of Behavioral Medicine (Suppl)*, 29, S169.
  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. Comer, C. C., Marcolina, R. M., **Businelle, M. S.**, Gilmer MacDonald, S., Perez, R. A., & Reingle Gonzalez, J.M. (under review). The association between stress and health among recently incarcerated adults experiencing homelessness. Submitted to *Stress and Health*. 11-6-24
2. Vogel, E. A., Romm, K. F., McMaughan, D. J., Zvolensky, M. J., Garey, L., & **Businelle, M. S.** (revise and resubmit). Associations of disability and social support with cannabis use among adults with anxiety and depressive symptoms. 10-9-24
3. \*Kezbers, K. M., \*Robertson, M. C., \*Hébert, E. T., \*Montgomery, A., & **Businelle, M. S.** (revise and resubmit). Detecting deception by research participants and implementing procedures to preserve data integrity in remotely conducted behavioral research. *Journal of Medical Internet Research*. 9-23-24
4. \*Tonkin, S. S., Chen, M., Oliver, J. A., Walters, S. T., \*Gajos, J. M., & **Businelle, M. S.** (under review). Daily variations and factors related to alcohol avoidance motivation and alcohol use among adults who are unhoused. DAD. 9-18-24
5. Cheney, M. K., Zingg, T., Kezbers, K. M., \*Montgomery, A., Stanley, N., Bain, C., Frank-Pearce, S., Kendzor, D., \*Hebert, E., & **Businelle, M.** (under review) A smartphone application for people who smoke and are not yet ready to quit: A post-intervention qualitative assessment of Project Phoenix. *American Journal of Health Promotion*. Manuscript number AJHP-24-0129. 9-13-24
6. \*Benson, L., \*Hébert, E. T., Sperry, S. H., Dempsey, W., Kendzor, D. E., **Businelle, M. S.**, & Ram, N. (invited manuscript under review). Time-related considerations for modeling event-based data collected via ecological momentary assessment. 9-10-24
7. Rhudy, J. L., Shadlow, J. O., Lowe, T. S., Stephens, L. D., Zvolensky, M. J., Garey, L., Kendzor, D. E., & **Businelle, M. S.** (revise and resubmit). Using intensive longitudinal assessment to study mechanisms of the Native American pain inequity: The role of interpersonal discrimination and stress. 9-9-24
8. Buckner, J. D., Zvolensky, M. J., Garey, L., & **Businelle, M. S.** (under review). Anxiety and cannabis-related behaviors among Black Adults: The role of false safety behaviors. *Journal of Substance Use and Addiction Treatment*. 8-20-24
9. \*Shao, R., Neil, J. M., Chen, M., Hannafon, B., Nipp, R., \*Montgomery, A., Frank-Pearce, S. G., Moxley, K., Richardson, D. L., Elliott, J., \*Benson, L., Gossett, A. G., & **Businelle, M. S.** (under review). Symptom monitoring for patients with cancer during COVID-19: Feasibility, acceptability, and utility. 11-6-24

10. Thomas, P. B., \*Gajos, J. M., Reingle Gonzalez J. M., Molsberry Marcolina, R., Cropsey, K. L., Gilmer, S., Perez, R. A., & **Businelle, M. S.** (under review). Race-related discrimination and substance use treatment motivation among justice-involved adults experiencing homelessness. Submitted *American Journal of Drug Abuse and Alcohol* on 7-17-24
11. Farris, S. G., Zvolensky, M. J., Garey, L., & **Businelle, M. S.** (revise and resubmit). Examining the use of interoceptive exposure exercises in people with and without a history of chronic physical health problems. Submitted to *Journal of Anxiety Disorders*. 11-7-24
12. \*De La Torre, I., \*Hébert, E.T., Kezbers, K.M., \*Walters, D., \*Mao, B., Pope, Z.C., \*Benson, L., Shi, D., \*Stanley, N., & **Businelle, M.S.** (revise and resubmit). Associations between cannabis use and same-day health behaviors. *Psychology of Addictive Behaviors*.
13. Santa Maria, D., Nyamathi, A., Lightfoot, M., Paul, M., Quadri, Y., Padhye, N., **Businelle, M.**, Fernandez-Sanchez, H., White, M., Jones, J.T. Results of a randomized wait-list controlled trial of CAYA: A nurse case management HIV prevention intervention for youth experiencing homelessness. Submitted to *Preventing Chronic Disease*. 5-7-24
14. Braun, A., Corcoran, S., Wollenberg, G., McClanahan, K., Liebe, R., **Businelle, M.**, & Joyce, J. (under review). US-based dietetics students are not using empathetic communication: Results of a national survey. 4-13-24
15. Benson, L., Hébert, E. T., Dempsey, W., Sperry, S., Kendzor, D. E., & **Businelle, M. S.** (invited manuscript for special issue in the *Advances in Methods and Practices in Psychological Science* journal). Time-related considerations for modeling event-based data collected via ecological momentary assessment.
16. Shi, D., \*Hébert, E., & **Businelle, M. S.** (2023). A longitudinal network model to assess affect structures in ecological momentary assessment: Likert and slider response formats may not be equivalent. <https://doi.org/10.31234/osf.io/bdpre>
17. Garey, L., Matoska, C., \*Robison, J., \*Montgomery, A., \*Hébert, E., Vujanovic, A., Kezbers, K. M., Gallagher, M. W., Obasi, E. M., Zvolensky, M. J., & **Businelle, M. S.** (under review). Development and pilot testing of a culturally adapted mHealth program for smoking cessation and anxiety sensitivity reduction for Black adults.
18. \*Min, J., \*Benson, L., \*Ra, C. K., \*Hébert, E. T., Kendzor, D. E., Frank-Pearce, S. & **Businelle, M. S.** (under review). Association between momentary feelings of stress and moment-to-moment changes in motivation and self-efficacy during a smoking cessation attempt.
19. Shi, D., Oliver, J. A., \*Hébert, E. T., Kendzor, D. E., \*Benson, L., \*Ra, C. K., Neil, J. M., Sayette, M. A., & **Businelle, M. S.** (under review). Modeling longitudinal smoking urge transitions to predict quit date abstinence: A latent transition analysis.

## INVITED WORKSHOPS, SYMPOSIA & PAPER PRESENTATIONS

1. **Businelle, M. S.** (2024, October). Using the Insight mHealth Platform to Rapidly Develop and Deploy Smartphone-Based Assessments and Interventions. Invited speaker at the FRQ-S Co-Chair in AI and Digital Health Symposium. Montreal, Canada.
2. Kezbers, K. M., \*Hebert, E., Pope, Z. C., & **Businelle, M. S.** (2024, October). Let There Be Light...But in the Morning or at Night? The Influence of Daylight Saving Time on Health Behaviors. Oral Presentation at the 2024 American College of Lifestyle Medicine Annual Conference, Orlando, Florida.
3. **Businelle, M. S.** (2024, June). 2<sup>nd</sup> Annual Insight<sup>TM</sup> EMA & JITAI Study Design and Implementation Workshop. Health Promotion Research Center. Oklahoma City, OK. (20 attendees)
4. Garey, L., Thai, J. M., Charles, J. J., \*Kezbers, K., Hoepfner B. B., Giordano, T. P., \*Montgomery, A., Gallagher, M. W., Cheney, M., Zvolensky, M. J., **Businelle, M. S.** (2024, April). Development of MASP+: An Accessible, Culturally Informed, Digital Intervention to Address Health Disparities in Smoking, HIV, and Mood among Black Adults. Invited talk presented to the Texas Developmental Center for AIDS Research 2024 Annual Conference, Houston, TX, United States.
5. \*Gajos, J. M., Gimenez-Santana, A., Walker, J. T., Cropsey, K. L., Walters, S. T., & **Businelle, M. S.** (2024). Using risk terrain modeling and geographically-explicit ecological momentary assessments to

- examine alcohol use in adults experiencing homelessness. Paper presentation at the Society for Ambulatory Assessment. Ann Arbor, MI.
6. \*Benson, L., Sperry, S., H., Dempsey, W., \*Hébert, E., Kendzor, D., & **Businelle, M., S.** (2024). Opportunities and challenges in applying multilevel recurring event survival models to event-based data collected via ecological momentary assessment. Individual Paper Presentation at the 2024 Society for Ambulatory Assessment Conference, Ann Arbor, MI.
  7. Kendzor, D. E., Hart, J., Davie, M., Chen, M., Frank-Pearce, S. G., Doescher, M. P., Alexander, A. C., **Businelle, M. S.**, Ogunsanya, M., Sifat, M. S., & Boozary, L. K. (2024, March). Financial incentives to promote engagement with the state tobacco helpline in counties experiencing persistent poverty: The CLIMB pilot study. Oral paper presented at Annual Meeting of Society for Research on Nicotine & Tobacco (SRNT), Edinburgh, Scotland.
  8. Shao, R., Calle, P., Liu, Y., Kendzor, D., Neil, J., **Businelle, M.**, & Pan, C. (2024, March). A randomized controlled trial of large language model-created tobacco treatment messages evaluated by tobacco treatment specialists. Oral paper presented at Annual Meeting of Society for Research on Nicotine & Tobacco (SRNT), Edinburgh, Scotland.
  9. Bui, T. C., Xangsayarath, P., Kulkarni, S., Xayavong, D., Soulaphy, C., Phandouangsy, K., Keopaseuth, P., Keothongkou, K., Dittaphong, V., Vidrine, J. I., **Businelle, M. S.**, Frank-Pearce, S. G., & Vidrine, D. J. (2023, October). Mobile health technology for personalized tobacco cessation support in Laos: Preliminary results. Oral presentation at the NCI/FIC's Mobile Health Technologies (mHealth) Network 2023 Meeting. Bethesda, MD.
  10. **Businelle, M. S.** (2023, October). TSET Health Promotion Research Center. Presented at the 2023 Annual Thematic Meeting on Addictions at Dartmouth University in Hanover, New Hampshire.
  11. **Businelle, M. S.** & Tonkin, S. (2023, October). Remote bioverification of smoking abstinence using low-cost carbon monoxide sensors. Presented at a SRNT virtual event entitled: "Emerging Technology of Relevance to the Field of Nicotine and Tobacco." Virtual webinar.
  12. Cohn, A., Kendzor, D. E., Romm, K. F., Shang, C., & **Businelle, M. S. [discussant]** (2023, September). Simulated and Real-World Conditions to Evaluate Tobacco Product Choices, Product Switching, and Alternative Health Behaviors in Vulnerable Populations, Annual SRNT-E Conference, Society for Research on Nicotine and Tobacco - Europe, London, UK, Symposium.
  13. Kendzor, D. E., \*Alexander, A. C., **Businelle, M. S.**, Noble, B., Frank-Pearce, S. G., Zaring-Hinkle, B., Boozary, L. K., Sifat, M. S., Cohn, A. M., Wagener, T. L., & Ahluwalia, J. S. (2023, September). "E-Cigarette Switching and Financial Incentives for Smoking Cessation Among Adults Experiencing Homelessness: A Pilot and Feasibility Study (part of Symposium, Simulated and Real-World Conditions to Evaluate Tobacco Product Choices, Product Switching, and Alternative Health Behaviors in Vulnerable Populations)", Annual SRNT-E Conference, Society for Research on Nicotine and Tobacco - Europe, London, UK, Symposium Presentation.
  14. \*Mao, B., \*Benson, L., Koslovsky, M., \*Hébert, E., Frank-Pearce, S., Boozary, L., Wetter, D., Kendzor, D. & **Businelle, M.** (2023, September), Dynamic relations between current smoking triggers and imminent smoking among socioeconomically disadvantaged adults: A time-varying effect model. Oral presentation at the Society for Research on Nicotine and Tobacco Scientific Meeting - Europe, London, the United Kingdom.
  15. **Businelle, M. S.** (2023, June). 1<sup>st</sup> Annual EMA & JITAI Study Design and Implementation Workshop. Health Promotion Research Center. Oklahoma City, OK. (10 attendees)
  16. Shi, D., \*Hébert E., & **Businelle, M.** (2023). Exploring dynamic patterns of ecological momentary assessment data using longitudinal Gaussian graphical model. *Advances in Psychology Special Issue: Network Psychometrics*.
  17. \*Benson, L., Frank-Pearce, S. G., \*Hébert, E. T., Kendzor, D. E., & **Businelle, M.** (2023, May). Time-related considerations for modeling event-based data collected via ecological momentary assessment and wearable devices. Association for Psychological Science Annual Convention. Washington DC.
  18. \*Gajos, J. M., Oliver, J. A., \*Hébert, E. T., Walters, S. T., & **Businelle, M. S.** (2023, June). Does the relationship between affect and social interactions among adults experiencing homelessness differ during moments when at a shelter versus not? Paper presented at the biannual meeting of the Society for Ambulatory Assessment in Amsterdam, Netherlands.

19. Kendzor, D. E., **Businelle, M. S.**, Waring, J. J.C., Dallery, J., \*Alexander, A. C., Frank-Pearce, S. G., & Vidrine, D. J. (2023, April). Mobile assessment of smoking status in combination with identity verification and automated incentive payments (part of Symposium: Innovative Approaches in Remote Biochemical Verification in Tobacco Research? Lessons Learned and Future Directions. Annual Meeting, Society for Research on Nicotine and Tobacco, San Antonio, TX.
20. Johnson, A., Bold, K., **Businelle, M.**, Carroll, D., Correa-Fernandez, V., McCarthy, D., Pickner, W., Spears, C. A., Vickerman, K., Vidrine, D., & Webb Hooper, M. (2023, April). Tobacco Treatments that Work for Priority Populations. Preconference workshop to be presented at the 2023 meeting of the Society for Research on Nicotine and Tobacco. San Antonio, TX.
21. Le, T. N., Kulkarni, S., Le, C. P., **Businelle, M. S.**, Kendzor, D. E., Nguyen, A., & Bui, T. C. How to quit smoking: Tips from United States Vietnamese healthcare providers, community leaders, and past tobacco users. Oral presentation at the Stephenson Cancer Center, Annual Cancer Research Symposium, 2023; March 10; Oklahoma City, OK.
22. Warner, E., Azizoddin, D., Ford, L., Appleseth, H., Bradley, D., Cohn, A., **Businelle, M.**, Spicer, P., Frank-Pearce, S., & McQuoid, J. (2023, March). It frees your body from that pain thought: Understanding cannabis use for pain among older residents of rural communities. Annual Cancer Research Symposium, Stephenson Cancer Center, Oklahoma City, Oral Presentation.
23. **Businelle, M. S.** (2022, April). mHealth Study Design and Implementation Workshop. Society for Behavioral Medicine Leadership Institute presentation at the 2022 SBM annual conference. Baltimore, MD.
24. **Businelle, M. S.**, Hébert, E. T., Benson, L., Neil, J., Kendzor, D. E., Frank-Pearce, S., Ra, K., & Kezbers, K. (May, 2022). *Talk Title*: Project Phoenix: Pilot Intervention for Smokers Who Are Not Ready to Quit Smoking. *Symposium Title*: M-health, Personalization, and Prediction of Substance Use: Recent Innovations and Future Directions. Association for Psychological Science Annual Convention. Chicago, IL. Accepted Symposium.
25. Xangsayarath, 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.
26. 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.
27. 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.
28. 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.
29. \*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).
30. **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.
31. 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.

32. 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)
33. \*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.
34. \*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.
35. \*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.
36. \*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)
37. \*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)
38. \*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.
39. **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.
40. **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.
41. 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.
42. 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.
43. **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.
44. **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.
45. **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.



46. **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.
47. 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.
48. 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.
49. **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.
50. 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.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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.
56. 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.
57. 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.
58. **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.
59. 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.

60. 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.
61. **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. \*Ra, C.K., Spaeth, A., **Businelle, M.**, Steinberg, M., Amaro, C., & Handorf, E. (2025, March). Development of Snooze 2-Quit: A novel smoking cessation app for socioeconomically disadvantaged individuals (SDIs). Poster submitted for presentation at the Scientific Meeting of American Academy of Health Behavior, San Diego, CA.
2. \*Montgomery, A., \*Tonkin, S., Zhao, J., Kezbers, K. M., Zvolensky, M. J., Garey, L., \*Mao, B., & **Businelle, M. S.** (2025, March). Daily associations between anxiety and depression and health behaviors during a 6-month mHealth intervention. Poster presentation at the Society of Behavioral Medicine 46th Annual Meeting & Scientific Sessions, San Francisco, CA, United States.
3. \*Langford, J. S., \*Becerra, J., \*Tonkin, S., Jones, D. R., \*Hébert, E., & **Businelle, M.** (2025, March). Using random versus fixed prompts in ecological momentary assessment: does it matter? Poster accepted for the Society of Behavioral Medicine 46th Annual Meeting & Scientific Sessions, San Francisco, CA.
4. \*Kezbers, K. M., Robertson, M. C., \*Hebert, E. T., \*Montgomery, A. R., & **Businelle, M. S.** Implementation of deception detection and abatement procedures to preserve data integrity in remotely delivered behavioral research. (2025, March). Poster presentation at the Society of Behavioral Medicine 46th Annual Meeting & Scientific Sessions, San Francisco, CA.
5. Hoogland, C. E., Sutton, S. K., Jones, S. R., Nagy, B., Businelle, M. S., Shih, Y. C., Vidrine, J. I., Vidrine, J. (under review). Baseline Sociodemographic, Smoking-Related, and Psychosocial Characteristics of Participants Recruited In-person vs. Online to a Smoking Cessation RCT Targeting People with Food Insecurity. Poster to be presented at the 2025 Society for Research on Nicotine & Tobacco Annual Meeting, New Orleans LA.
6. Rings, V., Hinton, A., Narla, S., Peraza, N., Yamaguchi, N., Miller, L., Cohn, A. M., **Businelle, M.**, Leventhal, A. M., Wagener, T. L., & \*Tackett, A. P. (under review). Differences in Co-Use of Alcohol and Cannabis Among Current and Never E-Cigarette Using Young Adults. Poster to be presented at the 2025 Society for Research on Nicotine & Tobacco Annual Meeting, New Orleans LA.
7. Narla, S., Rings, V., Peraza, N., Yamaguchi, N., Miller, L., Cohn, A., **Businelle, M.**, Leventhal., Wagener, T.L., & \*Tackett, A.P. (under review). Differences in Perceptions of Tobacco 21, Ease of E-Cigarette Purchase, Perceptions of Harm, and Flavor Restrictions Among Young Adult Current and Never Users of E-Cigarettes. Poster to be presented at the 2025 Society for Research on Nicotine & Tobacco Annual Meeting, New Orleans LA.
8. Lunningham, J., Zhou, Z., Huh, D., Oliver, J., **Businelle, M.**, Walters, S. T., & Mun, E.-Y. (2024, June). Increase in alcohol and other substance use due to the COVID-19 pandemic among individuals experiencing homelessness in Dallas, TX. Presented at the 47th Annual Scientific Meeting of the Research Society on Alcohol. Minneapolis, MN.
9. Kulkarni, S., Xangsayarath, P., Soulaphy, C., Xayavong, D., Phandouangsy, K., Keopaseuth, P., Alounlungsy, P., Le, T., Vidrine, D. J., Vidrine, J. I., Le, P. H., Frank-Pearce, S. G., **Businelle, M. S.**, & Bui, T. C. (2024, May). Mobile health technology for personalized tobacco cessation support among cancer survivors and caregivers in Laos: A pilot trial. Poster presentation at the NCI's 12th

- Annual Symposium on Global Cancer Research (ASGCR). *JCO Global Oncology*, 10(Supplement\_1), 123-4. DOI: 10.1200/go-24-10100.
10. Ziauddin, M. M., Ponton, N., Nizio, P., Jones, A. A., **Businelle, M. S.**, Redmond, B. Y., Buckner, J. D., Obasi, E. M., Zvolensky, M. J., & Garey, L. (2024, April). Assessing the accessibility and feasibility of a mobile intervention to address cannabis use disorder among Black adults. Poster presented at Undergraduate Research Day at The University of Houston, Houston, TX.
  11. Garey, L., Matoska, C. T., \*Robison, J., \*Montgomery, A., \*Hébert, E. T., Vujanovic, A., Kezbers, K., Cheney, M., Gallagher, M. W., Obasi, E. M., Zvolensky, M. J., & **Businelle, M. S.** (2024). A proof-of-concept trial of a smoking cessation and anxiety sensitivity reduction smart-phone application for Black adults. Poster accepted for presentation at the XXVII International Congress of the International Association Of Cross-Cultural Psychology 2024, Bali, Indonesia.
  12. \*Walters, D., Chen, S., \*Hebert, E. T., Kezbers, K., \*Gajos, J., & **Businelle, M. S.** (2024, March) Relations between chronic conditions (mental and physical) and feeling tired are moderated by daily health behaviors. Poster presentation at the Annual Cancer Research Symposium; Oklahoma City, OK.
  13. \*De La Torre, I., \*Hébert, E. T., Kezbers, K.M., \*Montgomery A.R, \*Barker, B., & **Businelle, M. S.** (2024, March). Health-related factors associated with cannabis use. [Poster Presentation]. 2024 Annual Cancer Research Symposium, Oklahoma City, OK.
  14. Fernandez, S.B., Garey, L., **Businelle, M.**, Cheney, M., Chen, A., Jones, A., Obasi, E., Trepka MJ. (2024). Study Protocol for Freedom to Reach Emotional Empowerment (FREE) mHealth Intervention. Accepted as a poster presentation for the American Academy of Health Behavior Annual Conference. Savannah, GA.
  15. Jones, A. A., Nizio, P., Clausen, B. K., **Businelle, M. S.**, Ponton, N., \*Redmond, B. Y., Buckner, J. D., Obasi, E. M., Zvolensky, M. J., & Garey, L. (2024, April). A Mobile Application to Address Cannabis Use Disorder Among Black Adults. Poster accepted to the American Academy of Health Behavior Annual Convention, Savannah, GA.
  16. Matoska, C. T., **Businelle, M. S.**, Garey, L., Gallagher, M. W., \*Hébert, E. T., Vujanovic, A., \*Alexander, A., Kezbers, K., \*Robison, J., \*Montgomery, A., & Zvolensky, M. J. (2024, April). An integrated mHealth app for smoking cessation in Black smokers with anxiety: Protocol for a randomized controlled trial. Poster accepted for presentation at the American Academy of Health Behavior 2024 Scientific Meeting, Savannah, Georgia.
  17. Thai, J. M., **Businelle, M. S.**, Garey, L., Gallagher, M. W., \*Hébert, E. T., Vujanovic, A., \*Alexander, A., Kezbers, K., Robison, J., Montgomery, A., & Zvolensky, M. J. (2024, April). An integrated mHealth app for smoking cessation in Black smokers with anxiety: Protocol for a randomized controlled trial. Oral presentation at the American Academy of Health Behavior 2024 Scientific Meeting, Savannah, GA, United States.
  18. Thai, J. M., Garey, L., Zvolensky, M. J., Gallagher, M. W., Vujanovic, A., Kendzor, D. E., Stephens, L., Cheney, M., \*Cole, A. B., Kezbers K., Matoska, C. T., \*Robison, J., \*Montgomery, A., \*McGrew, S. J., & **Businelle, M. S.** (2024, April). *Study protocol for the Easing Anxiety Sensitivity for Everyone (EASE) randomized controlled trial: A smartphone-based anxiety and depression intervention for racially/ethnically diverse adults* [Poster Presentation]. American Academy of Health Behavior, Savannah, Georgia.
  19. \*Boozary, L.K., Chen, S., Chen, M., Sifat, M.S., \*Alexander, A.C., Ogunsanya, M.E., \*Tonkin, S.S., Oliver, J.A., **Businelle, M. S.**, Wetter, D. W., & Kendzor, D.E. (2024, March). Daily Smartphone-Assessed Discrimination is Associated with a Decreased Likelihood of Abstinence Among Adults Participating in Smoking Cessation Treatment. Society for Research on Nicotine and Tobacco, Annual Meeting, Edinburgh, Scotland, Poster.
  20. Le, T. N., Kulkarni, S., **Businelle, M. S.**, Kendzor, D. E., Nguyen, A., & Bui, T. C. (2024, March). Barriers and facilitators for healthcare providers in giving effective smoking cessation assistance for Vietnamese patients living in the United States. Poster presented at the 30th Annual Meeting of the Society for Research on Nicotine and Tobacco, Edinburgh, Scotland, UK.
  21. Cheney, M. K., Zingg, T., Kezbers, K., Montgomery, A., Staley, N., Bain, C., Frank-Pearce, S., Kendzor, D., & **Businelle, M. S.** (2024, March). Engaging smokers not yet ready to quit in a smoking

- cessation mHealth intervention: A qualitative analysis of post intervention interviews. Presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Edinburgh, Scotland.
22. Shorey Fennell, B., Hoogland, C. E., Cottrell-Daniels, C., Jones, S. R., Bui, T. C., **Businelle, M. S.**, Shih, Y. C. T., Sutton, S. K., Shahani, L. R., Vidrine, J. I., & Vidrine, D. J. (2024, March). Demographic, smoking related, and clinical associations of cannabis and tobacco co-use among people with HIV who are seeking tobacco treatment. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco in Edinburgh, Scotland.
  23. Sifat, M., Chen, M., Davie, M., Cohn, A. M., Alexander, A. C., **Businelle, M. S.**, Kharazi Boozary, L., Ogunsanya, M., & Kendzor, D. E. (2024, March). The association of cannabis use with smoking dependence and cessation among tobacco helpline callers from persistent poverty counties. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco in Edinburgh, Scotland.
  24. Ogunsanya, M. E., Frank-Pearce, S., **Businelle, M. S.**, \*Alexander, A. C., Boozary, L. K., Sifat, M. S., Wetter, D. W., & Kendzor, D. E. (2024, March). The impact of an incentive-based smoking cessation intervention among minoritized and vulnerable adults. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco in Edinburgh, Scotland.
  25. \*Tonkin, S., Kendzor D., Frank-Pearce, S., Vidrine, D., \*Hébert, E., Vesely, S., \*Boozary, L., Oliver, J., & **Businelle, M.** (2024). Depressive symptoms and difficulties initiating cessation on the target quit day: A mechanistic evaluation of pre-quit stress among adults with low income. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco in Edinburgh, Scotland.
  26. \*Shao, R., Chen, M., Kendzor, D., Frank-Perace, S., Hébert, E., Vidrine, D., Vesely, S., & **Businelle, M.** (2024, March). Temporal dynamics of psychological and situational factors in predicting abstinence. Poster presented at the Annual Meeting of Society for Research on Nicotine & Tobacco (SRNT), Edinburgh, Scotland.
  27. \*Walters, D., Chen, S., \*Hébert, E. T., Kezbers, K., \*Gajos, J., & **Businelle, M. S.** (2024, March). Relations between chronic conditions (mental and physical) and feeling tired are moderated by daily health behaviors. Poster presentation at the Annual Meeting for the Society for Behavioral Medicine; Philadelphia, PA.
  28. \*Mao, B., Chen, S., Neil, J., \*Hébert, E., & **Businelle, M.** (2024, March). Patterns of unhealthy behaviors on weekends versus weekdays: An analysis using Ecological Momentary Assessment. Poster presentation at the Society for Behavioral Medicine Scientific Meeting, Philadelphia, PA.
  29. \*Shao, R., Neil, J., \*Hébert, E., Chen, M., & **Businelle, M.** (2024, March). Bridging the gap in cancer screening: A study on adherence and interest in a smartphone-based cancer screening management app. Poster presented at 45<sup>th</sup> Annual Meeting & Scientific Sessions of The Society of Behavioral Medicine (SBM), Philadelphia, PA.
  30. \*Gajos, J. M., Cropsey, K. L., Walters, S. T., & **Businelle, M. S.** (2024, March). Relations between affect, self-efficacy, and alcohol expectancies in adults experiencing homelessness. Poster accepted for presentation at the Society of Behavioral Medicine 2024 Annual Meeting. Philadelphia, PA.
  31. Cottrell-Daniels, C., Shorey Fennell, B., Hoogland, C.E., Jones, S.R., Shih, Y.C.T., **Businelle, M.S.**., Sutton, S.K., Hoover, D.S., Vidrine, J.I., & Vidrine, D.J. (2024, March). Demographic, smoking, and health correlates of cannabis and tobacco co-use among adults with low SES in a smoking cessation RCT. Poster accepted for presentation at the Society for Behavioral Medicine Annual Meeting, Philadelphia, PA.
  32. \*Barker, B. A., Chen, M., \*Becerra, J. A., \*De La Torre, I., Reingle Gonzalez, J. M., Kendzor, D. E., Cannell, M. B., & **Businelle, M. S.** (2024, March). The relation between discrimination and health behaviors in recently incarcerated adults experiencing homelessness. Poster accepted for presentation at the Society for Behavioral Medicine Annual Meeting, Philadelphia, PA.
  33. \*Azizoddin, D. R., DeForge, S. M., Baltazar, A. R., Benson, J., Oseguera, G., Beck, M., Edwards, R., Allsop, M., **Businelle, M. S.**, Tulsy, J., & Enzinger, A. (2024, March). Development and testing of a pain-cognitive behavioral therapy serious game to support patients with advanced cancer and pain. Abstract presented as a poster presentation at the 2024 Society of Behavioral Medicine Conference, Philadelphia, PA.
  34. \*Azizoddin, D. R., DeForge, S. M., Baltazar, A. R., Tulsy, J., Edwards, R., Schreiber, K., Allsop, M., **Businelle, M. S.**, Madison, S., & Enzinger, A. (2024, March). Feasibility testing of an mHealth

- application (STAMP+CBT) that integrates pain-CBT with pharmacologic education to support advanced cancer patients managing pain. Abstract presented as a poster presentation at the 2024 Society of Behavioral Medicine Conference, Philadelphia, PA.
35. \*Montgomery, A., \*Tonkin, S., Cannell, M. B., Gonzalez, J., \*De La Torre, I., \*Ulm, C., \*Robison, J., Kendzor, D. E., & **Businelle, M. S.** (2024, March) Medication non-adherence and its impact on mental health and substance use among adults experiencing homelessness. Poster presentation accepted to Society of Behavioral Medicine 2024 Annual Meeting, Philadelphia, PA.
  36. \*Azizoddin, D. R., Baltazar, A. R., DeForge, S. M., Tulsy, J., Edwards, R., Schreiber, K., Allsop, M., **Businelle, M. S.**, & Enzinger, A. (2023, October). Feasibility and acceptability of an mHealth app integrating pain-cognitive behavioral therapy and pharmacologic support for advanced cancer patients. Abstract presented as a poster presentation at the American Society of Clinical Oncology (ASCO) 2023 Quality Care Symposium, Boston, MA.
  37. DeForge, S. M., Baltazar, A. R., Enzinger, A., Edwards, R., Tulsy, J., Schreiber, K., Allsop, M., **Businelle, M. S.**, & \*Azizoddin, D. R. (2023, October). Perspectives of advanced cancer patients on mobile health interventions to support coping with cancer pain. Abstract presented as a poster presentation at the American Society of Clinical Oncology (ASCO) 2023 Quality Care Symposium, Boston, MA.
  38. Nguyen, A., Nagykaladi, Z., Bui, T. C., **Businelle, M.**, Chen, S., Nguyen, T., Nguyen, L., Eschiti, V., & Dwyer, K. (2023, August). A culturally grounded mHealth intervention for diabetes self-management in Vietnamese patients [Poster Presentation]. Association of Diabetes Care & Education Specialists (ADCES23) annual conference, Houston, TX.
  39. Kulkarni, S., Xangsayarath, P., Xayavong, D., Soulaphy, C., Phandouangsy, K., Keopaseuth, P., Keothongkou, K., Le, T., Vidrine, D., Vidrine, J., Frank-Pearce, S., **Businelle, M.**, & Bui, T. (2023). Mobile health technology for tailored tobacco cessation support in Lao People's Democratic Republic: A pilot trial. *Cancer Epidemiology, Biomarkers & Prevention*. 32, 63-. DOI: 10.1158/1538-7755.ASGCR23-Abstract-63.
  40. **Businelle, M. S.**, \*Benson, L., Neil, J., \*Hébert, E. T., Kendzor, D. E., Frank-Pearce, S., Kezbers, K., Vidrine, D., & Gaur, A. (2023, September). A novel smartphone-based intervention for adults who are not ready to quit smoking. Poster presented at the 2023 Society for Research on Nicotine and Tobacco – Europe meeting, London, UK.
  41. Garey, L., Matoska, C. T., \*Robison, J. H., \*Montgomery, A. M., Kezbers, K. M., Gallagher, M. W., Obasi, E. M., **Businelle, M. S.**, & Zvolensky, M. J. (2023, June). Development and pilot testing of a culturally adapted mHealth program for smoking cessation and anxiety sensitivity reduction among Black smokers. Poster presented at the 2023 World Congress of Cognitive and Behavioural Therapies annual meeting, Seoul, South Korea.
  42. Bejarano, G., \*Hébert, E. T., Zaring-Hinkle B., **Businelle, M. S.**, Kendzor, D. E. (2023, June). Small Financial Incentives Reduce the Negative Impact of Financial Strain on Smoking Cessation [Poster Presentation]. Academy Health Annual Research Meeting, Seattle, WA.
  43. \*Montgomery, A., Cheney, M., \*Barker, B., \*Stanley, N., Kezbers, K., Zingg, T., Frank-Pearce, S., Kendzor, D., & **Businelle, M.** (2023, May). Qualitative evaluation of a novel smartphone-based smoking cessation induction application. 2023 Colloquium on Qualitative Health Sciences Research in Oklahoma, Oklahoma City, OK.
  44. Xangsayarath, P., Kulkarni, S., Xayavong, D., Soulaphy, C., Phandouangsy, K., Keopaseuth, P., Keothongkou, K., Le, T., Frank-Pearce, S., Vidrine, D. J., Vidrinem J. I., **Businelle, M. S.**, & Bui, T. C. (2023, April). Gender-specific motives and barriers for tobacco smoking cessation in Lao People's Democratic Republic. Poster presented at the Consortium of Universities for Global Health 2023 Conference, Washington D.C.
  45. \*Benson, L., \*Hébert, E. T., \*Stanley, N., \*Montgomery, A., Kendzor, D. E., \*Alexander, A., Wetter, D. W., **Businelle, M. S.** (2023, April). Contingency management is associated with lower smoking risk and longer periods of smoking abstinence during a quit attempt [Poster Presentation]. Society of Behavioral Medicine Annual Meeting, Phoenix, AZ.
  46. Henderson, K.C., Teklu, H., Kendzor, D., **Businelle, M.**, Eriksen, M., Wetter, D., & Spears, C.A. (2023, April). Usability testing: Mindfulness-based addiction treatment delivered through mobile

- technology for low-income smokers. Poster presented at the Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Phoenix, AZ.
47. \*Neumann, M., Shi, D., Kezbers, K. M., \*Robison, J. H., & **Businelle, M. S.** (2023, April). Comparison of health behaviors and characteristics between COVID-19 vaccinated and unvaccinated individuals. Poster presentation accepted to the Society of Behavioral Medicine 2023 Annual Meeting, Phoenix, AZ.
  48. \*Walters, D., \*De La Torre, I., Shi, D., \*Bingjing, M., \*Hébert, E. T., & **Businelle, M. S.** (2023, April). Daily cannabis use and demographics interact to effect affect and other substance use. Poster presentation at the Annual Meeting for the Society of Behavioral Medicine; Phoenix, AZ.
  49. \*Ulm, C., \*Gajos, J., \*Becerra, J., Barry, A., \*Hébert, E., \*Ra, C., Shi, D., & **Businelle, M.** (2023, April). Private religiosity better predicts less hazardous drinking than public religiosity. Poster presentation at the Annual Meeting for the Society of Behavioral Medicine Scientific Meeting; Phoenix, AZ.
  50. \*Barker, B. A., Shi, D., \*Becerra, J. A., \*Stanley, N. S., \*Hébert, E. T., \*Gajos, J. M., Piper, M., & **Businelle, M. S.** (2023, April). Perceived discrimination events are related to next-day health behaviors. Poster presentation at the Annual Meeting for the Society of Behavioral Medicine; Phoenix, AZ.
  51. \*Becerra, J., Shi, D., \*Gajos, J., \*Barker, B., \*Ulm, C., \*De La Torre, I., \*Hébert, E. T., Piper, M. E. & **Businelle, M. S.** (2023, April). Are there benefits to using fixed versus random or 2 versus 4 smartphone-based ecological momentary assessments? Poster presentation at the Annual Meeting for the Society of Behavioral Medicine Scientific Meeting; Phoenix, AZ.
  52. \*De La Torre, I., \*Walters, D., Shi, D., \*Hébert, E. T., \*Ra, C., & **Businelle, M. S.** (2023, April). Cannabis use is related to sleep quality and duration. Poster presentation at the Annual Meeting for the Society of Behavioral Medicine Scientific Meeting; Phoenix, AZ.
  53. \*De La Torre, I., Shi, D., \*Ulm, C., \*Walters, D., \*Hébert, E., & **Businelle, M.** (2023, April). Cannabis use is related to increased physical activity. Poster presentation at the Annual Meeting for the Society of Behavioral Medicine Scientific Meeting; Phoenix, AZ.
  54. \*Robison, J.H., \*Gajos, J.M, Shi, D., Kezbers, K.M., \*Neumann, M., & **Businelle, M. S.** (2023, April). Smartphone-based Likert- and slider-type questions may not be equivalent in assessing relationships between daily sleep and affect. Poster presentation at the Annual Meeting for the Society of Behavioral Medicine; Phoenix, AZ.
  55. \*Neumann, M., Shi, D., Kezbers, K. M., \*Robison, J. H., & **Businelle, M. S.** (2023, April). Comparison of health behaviors and characteristics between COVID-19 vaccinated and unvaccinated Individuals. Poster presentation at the Annual Meeting for the Society of Behavioral Medicine Scientific Meeting; Phoenix, AZ.
  56. \*Sifat, M. S., \*Hébert, E. T., Ahluwalia, J. S., **Businelle, M. S.**, \*Waring, J. J. C., Frank-Pearce, S., Noble, B., Bryer, C., Madison, S., Planas, L. G., & Kendzor, D. E. (2023, April). Smartphone-based medication reminders increase daily medication adherence and decrease the likelihood of daily smoking. Poster presentation at the Annual Meeting for the Society of Behavioral Medicine; Phoenix, AZ.
  57. Nizio, P., Zappi, C., \*Smit, T., Bizier, A., Buckner, J. D., Redmond, B. Y., **Businelle, M. S.**, Obasi, E. M., Zvolensky, M. J., & Garey, L. (2023, March). The indirect effect of anxiety sensitivity on reasons for smoking through false safety behaviors among Black smokers. Poster presented at the 2023 Collaborative Perspectives on Addiction annual meeting, Albuquerque, NM.
  58. \*Benson, L., \*Hébert, E. T., \*Montgomery, A., \*Stanley, N., Kendzor, D. E., Wetter, D. W., & **Businelle, M. S.** (2023, March). Daily social support and pressure to quit are associated with time to recurring smoking lapses [Program Chair's Choice Paper Presentation]. Collaborative Perspectives on Addiction Annual Meeting, Albuquerque, NM.
  59. Doan, K. T., Le, T. N., Kulkarni, S., **Businelle, M. S.**, Kendzor, D. E., Nguyen, A., & Bui, T. C. (2023, March). Stakeholder beliefs about the factors required to successfully implement cancer prevention programs for Vietnamese smokers in the United States. Poster presentation at the American Society of Preventive Oncology 2023 Annual Conference. San Diego, CA.

60. \*Walters, D., \*De La Torre, I., Shi, D., \*Bingjing, M., \*Hébert, E. T., & **Businelle, M. S.** (2023, March). Daily cannabis use and demographics interact to effect affect and other substance use. Poster presentation at the Annual Cancer Research Symposium; Oklahoma City, OK.
61. \*De La Torre, I., \*Walters, D., Shi, D., \*Hébert, E. T., \*Ra, C. K., & **Businelle, M. S.** (2023, March). Cannabis use is related to sleep quality and duration. [Poster Presentation]. Annual Cancer Research Symposium, Oklahoma City, OK.
62. \*Ulm, C., Chen, S., \*De La Torre, I., \*Fleshman, B., \*Benson, L., \*Hébert, E., Kendzor, D., Frank-Pearce, S., Neil, J., Song, H., & **Businelle, M.** (2023, March). Do smokers initially unmotivated to quit open smartphone messages that promote and support smoking cessation attempts? [Poster presentation]. 2023 Annual Cancer Research Symposium, Oklahoma City, OK, USA.
63. \*Stanley, N., Kezbers, K., \*\* Hébert, E., Kendzor, D., & **Businelle, M.** (2023, March). Smoking treatment history and preferences among adults entering a smoking cessation program. Poster presentation at the Annual Meeting for the Society for Research on Nicotine and Tobacco; San Antonio, TX.
64. \*Montgomery, A., \*Benson, L., \*Hébert, E. T., \*Stanley, N., Bejarano, G., Kendzor, D. E., \*Alexander, A., Wetter, D. W., & **Businelle, M. S.** (2023, March). Contingency management is associated with lower smoking risk and longer periods of smoking abstinence during a quit attempt. Poster presentation at the Annual Meeting for the Society for Research on Nicotine and Tobacco; San Antonio, TX.
65. Le, T. N., Kulkarni, S., Le, C. P., **Businelle, M. S.**, Kendzor, D. E., Nguyen, A., & Bui, T. C. (2023, March). How to quit smoking: Tips from United States Vietnamese healthcare providers, community leaders, and past tobacco users. Poster presentation at the Annual Meeting for the Society for Research on Nicotine and Tobacco; San Antonio, TX.
66. Schlam, T. R., Chen, M., \*Ra, C. K., Frank-Pearce, S. G., Kendzor, D. E., & **Businelle, M. S.** (2023, March). Predictors of setting a quit date among people originally unwilling to quit smoking assigned to a motivational app. Poster presented at the 29th annual convention of the Society for Research on Nicotine and Tobacco (SRNT), San Antonio, TX.
67. Villanti, A. C., Hinton, A., Schulz, J., Erath, T., Mehta, T., Tidey, J., **Businelle, M.**, & Wagener, T. L. (2023, March). Substitutability of Combustible Menthol Cigarette Alternatives: A Randomized Clinical Trial. 2023 SRNT 29th Annual Meeting; 2023; San Antonio, TX.
68. Doshi, R., Liu, J., Jeon, S., **Businelle, M. S.**, \*Hebert, E. T., Nally, L. M., Stults-Kolehmainen, M., Fucito, L. M., Weinzimer, S. A., Gerstein, M. B., & Ash, G. I. (2022, November). Machine learning to identify predictors of lapses in a beginners' exercise program for adults with Type 1 Diabetes. AHA Annual Meeting and Circulation Supplement Version.
69. \*Azizoddin, D. R., Anderson, K. S., Baltazar, A. R., Beck, M. R., Tulsy, J. A., Edwards, R. R., **Businelle, M.**, Enzinger, A.C. (2022). Development of an mHealth app integrating pain-cognitive behavioral therapy and opioid support for patients with advanced cancer (STAMP+CBT). Poster presented at the American Society of Clinical Oncology (ASCO) 2022 Quality Care Symposium. Chicago, IL.
70. Comer, C. C., Marcolina, R. J., **Businelle, M. S.**, & Gonzalez, J. (2022, September). Stress and Health in Persons Recently Released from Jail Experiencing Homelessness. Accepted poster presentation for the 2022 Conference for the Southern Criminal Justice Association. Asheville, North Carolina.
71. Taylor, A., Murillo, R., **Businelle, M. S.**, Chen, T.-A., Kendzor, D., Solari Williams, K.D., & Reitzel, L. R. (2022, April). Physical activity guideline adherence and sleep inadequacies in an adult homeless sample and the potential moderating effect of sex. Abstract accepted for presentation at the annual PHLs Symposium at the University of Houston, Houston, Texas.
72. Sifat, M., Ehlke, S., Alexander, A., Boozary, L., **Businelle, M.**, & Kendzor, D. (2022, May). Higher distress tolerance protects against discrimination-related mental health problems among non-White adults experiencing homelessness. Society for Prevention Research 30th Annual Meeting. Seattle, Washington.
73. Roberts, R. D., Brown, H. A., Chen, T. A, **Businelle, M. S.**, Obasi, E. M., Kendzor, D. E., & Reitzel, L. R. (2022, April). Social cohesion/trust is associated with smoking status amongst adults experiencing homelessness. Poster presentation accepted for presentation at the annual meeting of the

- Psychological, Health, and Learning Sciences Research Symposium, University of Houston, Houston, TX.
74. Brown, H. A., Roberts, R. D., Chen, T. A., **Businelle, M. S.**, Obasi, E.M., Kendzor, D. E., Reitzel, L. R. (2022, April). 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. Poster to be presented at the University of Houston annual Psychological, Health, & Learning Sciences Research Symposium (PHLS), Houston, TX.
  75. Walters, S. T., Mun, E. Y., Tan, Z., Lunningham, J. M., \*Hébert, E. T., Oliver, J. A., & **Businelle, M. S.** (2022, June). Feasibility and efficacy of a just-in-time adaptive smartphone intervention for adults with alcohol misuse who are experiencing homelessness. Poster presented at the annual meeting of the Research Society on Alcoholism, Orlando, FL.
  76. \*Hébert, E.T., Walters, S.T., Oliver, J.A., Mun, E.Y., Tan, Z., Shi, D., Vesely, S & **Businelle, M.S.** (2022, June). Preliminary effectiveness of a just-in-time adaptive intervention to reduce drinking: The impact of tailored messages on drinking lapse risk factors. Poster presented at the annual meeting of the Research Society on Alcoholism, Orlando, FL.
  77. Martinez, J., Jafry, M. Z., Chen, T. A., **Businelle, M. S.**, Kendzor, D. E., Vijayaraghavan, M., Britton, M., & Reitzel, L. R. (2022, April). Guest Support for Outdoor Smoke-free Policies within a Homeless Shelter. Poster presentation for the University of Houston's 2022 Undergraduate Research Day, Houston, TX
  78. Jafry, M. Z., Martinez, J., Chen, T. A., **Businelle, M. S.**, Kendzor, D. E., & Reitzel, L. R. (2022, April). Perceived Social Support Attenuates the Association between Stress and Health-Related Quality of Life among Adults Experiencing Homelessness. Poster presentation for the University of Houston's 2022 Undergraduate Research Day, Houston, TX
  79. \*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.
  80. 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.
  81. 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).
  82. 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.
  83. \*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.
  84. \*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.
  85. 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.



86. 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.
87. Perski, O., \*Hébert, E. T., Naughton, F., Hekler, E. B., Brown, J., & **Businelle, M. S.** (2022, April). Technology-mediated just-in-time adaptive interventions (JITAI) to reduce harmful substance use: A systematic review. Poster accepted for presentation at the Society of Behavioral Medicine annual conference, Baltimore, MD.
88. 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.
89. \*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.
90. \*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.
91. \*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.
92. \*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.
93. \*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.
94. \*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.
95. \*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.
96. 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.
97. 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.
98. 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.
99. \*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.

100. \*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.
101. \*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.
102. \*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.
103. \*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)
104. 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).
105. \*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.
106. 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.
107. \*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.
108. 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)
109. 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)
110. 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.
111. 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)
112. 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.

113. 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.
114. \*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.
115. \*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.
116. \*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.
117. 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)
118. \*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.
119. 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)
120. 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)
121. \*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)
122. \*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.
123. \*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.
124. \*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.
125. \*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.
126. \*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.

127. \*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.
128. 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.
129. \*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.
130. \*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.
131. \*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.
132. \*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.
133. 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.
134. \*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.
135. \*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.
136. \*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.
137. 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.
138. \*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.
139. \*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.
140. \*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.
141. \*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.
142. 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.
  143. \*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.
  144. 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.
  145. 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.
  146. 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.
  147. 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.
  148. 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.
  149. 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.
  150. 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.
  151. 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.
  152. 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.
  153. 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.
  154. 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.

155. 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.
156. \*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.
157. 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.
158. \*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.
159. 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.
160. \*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.
161. \*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.
162. 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.
163. \*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.
164. \*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.
165. 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.
166. \*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.
167. 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.
168. 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

169. 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.
170. 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.
171. \*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.
172. \*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.
173. \*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.
174. \*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.
175. \*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.
176. \*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.
177. 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.
178. \*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.
179. \*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.
180. 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
181. 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.
182. \*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.
183. \*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.
  184. \*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.
  185. \*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.
  186. \*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.
  187. 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.\*\***
  188. \*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.
  189. \*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.
  190. \*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.
  191. \*Garey, L., Reitzel, L. R., \*Bakhshaie, J., Kendzor, D. E., Zvolensky, M. J., & **Businelle, M. S.** (March 2015). Subjective social status and readiness to quit among homeless smokers. Poster presented at the 15th annual meeting for the American Academy of Health Behavior, San Antonio, TX.
  192. \*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.
  193. \*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.
  194. \*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.
  195. \*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.



196. \*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.
197. \*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.
198. \*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.
199. \*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.
200. \*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.
201. \*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.
202. \*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.
203. \*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.
204. \*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.
205. \*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.
206. \*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.
207. **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.
208. 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.
209. Kendzor, D. E., **Businelle, M. S.**, Reitzel, L. R., \*Rios, D. E., Scheurman, 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.
210. 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.

211. 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.
212. \*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.
213. \*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.
214. \*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.
215. 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.
216. **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.
217. **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.
218. **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.
219. \*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.
220. 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.
221. \*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.
222. \*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.
223. \*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.
224. 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.

225. 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.
226. **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.
227. 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.
228. 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.
229. 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.
230. **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.
231. **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.
232. **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.
233. 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.
234. 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.
235. 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.
236. 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.
237. 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.

238. 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.
239. Copeland, A. L., Kendzor, D. E., Clendenin, A., Patterson, S. M., **Businelle, M. S.**, & Rash, C. J. (March 2005). Tobacco prevention program for 2<sup>nd</sup> – 7<sup>th</sup> 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.
240. 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.
241. **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.
242. **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. Developing and Testing Novel Smartphone Applications for Smoking Cessation. (2022, September). Invited speaker at the *Koop Institute Annual Conference* at Dartmouth University. Lebanon, NH.
2. mHealth and Ecological Momentary Assessment Opportunities in Research. (November, 2022). *Radiation Oncology Group Meeting*, Stephenson Cancer Center. Oklahoma City, Oklahoma.
3. How I built this. (September, 2022). Invited interview/podcast at the *International Society for Research on Internet Interventions*. Pittsburg, Pennsylvania.
4. Mental Health 101 and the COVID-19 Pandemic. (August, 2022). *Southern Plains Tribal Health Board Training Summit*. Virtual Meeting.
5. mHealth and Ecological Momentary Assessment Opportunities in Research. (August, 2022). *Department of Otolaryngology Head and Neck Surgery Special Seminar*. Oklahoma City, Oklahoma.
6. The EASE app for Stress, Anxiety, Sadness, and Depression. (May, 2022). *Live Well OUHSC*. Oklahoma City, Oklahoma.
7. Using mHealth and Ecological Momentary Assessment to Understand and Intervene Upon Health Behavior Change. (May, 2022). *University of Houston, HEALTH-FAST ATOD Speaker Series*. Houston, Texas.
8. mHealth and Ecological Momentary Assessment Applications in Research. (March, 2022). *College of Allied Health Research Faculty Development Seminar*. University of Oklahoma Health Sciences Center. Oklahoma City, Oklahoma.
9. 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.
10. Using the Insight Mobile Health Platform to conduct behavior change interventions. (September, 2021). *Boston University Mobile and Electronic Health Affinity Research Collaborative*. Virtual visit.
11. 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.
12. 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.
13. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (November, 2020). *University of Oklahoma Psychology Department Seminar*. Virtual visit.
14. 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.

15. Businelle, M. S. & Kendzor, D. E. The INSIGHT Mobile Health Platform: Design and Intervention Applications (November, 2020). *University of Wisconsin Grand Rounds*. Virtual visit.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. Using Smartphones to Identify and Intervene Upon Mechanisms of Behavior Change (September, 2019). *Grand Rounds at the University of Alabama Birmingham*. Birmingham, Alabama.
22. Using Smartphones and Sensors to Identify and Intervene Upon Mechanisms of Behavior Change (June, 2019). *OU Medicine Analytics Meeting*. Oklahoma City, Oklahoma.
23. Taking Smoking Cessation Interventions Mobile – The Smart Treatment (Smart-T) Projects. (April, 2019). *OU Fit Lunch and Learn*. Oklahoma City, Oklahoma.
24. Using the Insight mHealth Platform and Integrated Biosensors to Improve Health Outcomes. (March, 2019). *3rd Annual OU-OUHSC Biomedical Engineering Symposium*. Oklahoma City, Oklahoma.
25. Developing Smartphone Based Assessments and Just-in-Time Adaptive Interventions. (January, 2019). *University of Oklahoma Health Sciences Center Department of Periodontics*. Oklahoma City, Oklahoma.
26. 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.
27. 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.
28. Project Phoenix: A Smartphone Based Smoking Cessation Induction Trial. (June 2018). *Oklahoma Tobacco Research Center Journal Club*. Oklahoma City, Oklahoma.
29. 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.
30. Developing and Testing Smartphone Based Assessments and Interventions. (March 2018). *Hematology/Oncology Grand Rounds, Stephenson Cancer Center*. Oklahoma City, Oklahoma.
31. Developing and Testing Smartphone Based Assessments and Interventions. (February 2018). *Harold Hamm Diabetes Center at the University of Oklahoma*. Oklahoma City, Oklahoma.
32. Developing Smartphone Based Assessments and Just-in-Time Adaptive Interventions. (February 2018). *University of North Texas Psychology Department*. Denton, Texas.
33. 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.
34. Using Intensive Longitudinal Data to Identify and Intervene Upon Mechanisms of Behavior Change in Socioeconomically Disadvantaged Adults. (November 2017). *American Cancer Society*. Atlanta, Georgia.
35. 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.

36. 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.
37. Using the OTRC mHealth Resource to Identify and Intervene Upon Mechanisms of Behavior Change (March 2017). *Oklahoma State University Clinical Psychology Colloquium*. Stillwater, Oklahoma.
38. The Mobile Health Shared Resource: Description of Services. (December 2016). *Family Medicine Research Forum*. Oklahoma City, Oklahoma.
39. Invited speaker at the *American Cancer Society Cancer Action Network* annual Oklahoma City Cancer Policy Forum. (November 2016). Oklahoma City, OK.
40. Complex human activity recognition using smartphone and wrist-worn motion sensors. (July 2016). *Oklahoma Tobacco Research Center Journal Club*. Oklahoma City, Oklahoma.
41. Momentary Assessment and Just-in-Time Interventions in Socioeconomically Disadvantaged Smokers. (May 2016). *American Cancer Center*. Oklahoma City, Oklahoma.
42. Reducing Health Disparities Among Homeless Adults. (February 2016). *Family Medicine Research Forum*. Oklahoma City, Oklahoma.
43. 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.
44. 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.
45. Innovative Interventions for Socioeconomically Disadvantaged Smokers. (November 2014). *Austin Campus of the University of Texas School of Public Health*. Austin, TX.
46. Using Ecological Momentary Assessment in Socioeconomically Disadvantaged Populations. (April 2014). *University of North Texas School of Public Health*. Fort Worth, TX.
47. Innovative Interventions for Socioeconomically Disadvantaged Smokers. (March 2014). *University of Texas Southwestern Medical School Second Year Medical Students*. Dallas, TX.
48. Innovative Interventions for Socioeconomically Disadvantaged Smokers. (February 2014). *Parkland Hospital Tobacco Cessation Clinic*. Dallas, TX.
49. Addressing Health Disparities Among People Experiencing Homelessness: From Research to Policy Change. (November 2013). *Parkland Hospital*. Dallas, TX.
50. 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.
51. Reducing Health Disparities among Homeless Adults. (November 2013). *University of Texas Southwestern Medical Center, Clinical Psychology Program*. Dallas, TX.
52. Reducing Cancer Disparities using Mobile Technology (April 2013). *American Cancer Society Cattle Baron's Ball Fundraiser*. Dallas, TX.
53. Smoking and Smoking Cessation in a Homeless Sample of Smokers Seeking Cessation Treatment (March 2013). *The Bridge Homeless Assistance Center*, Dallas, TX.
54. Reducing Tobacco Related Disparities among Homeless Adults (February 2013). *Center for Brain Health*. Dallas, TX.
55. Healthy Lungs. Smoking and Smoking Cessation in America (January 2013). *University of Texas Southwestern Medical Center Lunch and Learn*. Dallas, TX.
56. 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.
57. Socioeconomic Disparities in Smoking Cessation: Understanding the Mechanisms. (December 2009). *The University of Texas MD Anderson Cancer Center Grand Rounds*. Houston, TX.
58. Socioeconomic Disparities in Smoking Cessation: Understanding the Mechanisms. (November 2009). *The University of Texas School of Public Health*, Dallas Campus. Dallas, TX.
59. 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.

60. Decision-Making in Individuals Who Abuse Substances. (February 2007). *Johns Hopkins Bayview Medical Center*, Department of Psychiatry and Behavioral Sciences, Baltimore, MD.
61. 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
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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)

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**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**

01/2023-present	Jeremy Langford, PhD Primary Mentor University of Oklahoma Health Sciences Center
07/2023-10/2023	Jessica Becerra, PhD (Federal Management Partners Consulting in 2023) Primary Mentor University of Oklahoma Health Sciences Center
09/2022-08/2024	Bingjing Mao, PhD (became faculty at Louisiana State University in 2024) Co-Mentor University of Oklahoma Health Sciences Center
09/2022-present	Sarah Tonkin, PhD Co-Mentor University of Oklahoma Health Sciences Center
09/2022-08/2024	Ruosi Shao, PhD (became faculty at Florida State University in 2024) Co-Mentor University of Oklahoma Health Sciences Center
09/2021-08/2023	Lizbeth Benson, PhD (became faculty at the University of Michigan in 2023) Primary Mentor University of Oklahoma Health Sciences Center
11/2018-11/2022	Ashley Cole, PhD (became faculty at Oklahoma State University in 2019) Mentor Oklahoma State University



9/2018-present	Adam Alexander, PhD (became OUHSC faculty in 2020) Secondary Mentor University of Oklahoma Health Sciences Center
6/2019-present	Chaelin “Karen” Ra, PhD (became faculty at Rutgers University in 2022) Primary Mentor University of Oklahoma Health Sciences Center
8/2016-present	Emily Hébert, DrPH (became faculty at The University of Texas 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. (became faculty at Texas A&M University in 2017) Co-Mentor University of Texas School of Public Health

**Dissertation Committee Member**

2021-2024	Tanya Smit University of Houston Status: Proposal Fall 2021; Dissertation defended 10/2024
2021-2024	Angelina Mayorga University of Houston Status: Proposal Fall 2021; Dissertation defended 4/2024
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**

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

**Thesis Committee Member**

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

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|-------------|--|
| 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**

08/2021- 7/2022 Jiwon (Jenny) Min, PhD  
Mentor  
University of Oklahoma Health Sciences Center

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**

<b>Advisor to MPH Students</b>	<b>Years</b>
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)

<b>Advisor to MPH Students</b>	<b>Years</b>
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

2016-2022 Editorial Board, The American Journal of Drug and Alcohol Abuse

**Grant Reviewing**

10/2024 NIH  
ZAT1 AM(08) NCCIH Training and Education Review Panel

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**

2020-2024 HPRC Seed grant reviewer

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**

- 2017–2022 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**

- 2021–2023 Co-Chair, SRNT Treatment Network Committee
- 2017–2018 Member, Clinical Program Committee for the 2018 SRNT Annual Meeting
- 2017–present Co-Chair SRNT mHealth Work Group
- 2017–2019 Co-Chair Treatment Network Education Committee, SRNT
- 2013–2019 Member, SRNT Disparities Network Committee
- 2013–2023 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**

2019-2024	HPRC Search Committee <ul style="list-style-type: none"><li>• 3 Faculty hired in 2020</li><li>• 4 Faculty hired in 2021</li><li>• 3 Faculty hired in 2022</li><li>• 4 Faculty hired in 2023</li><li>• 11 Faculty hired in 2024</li></ul>
2019 (May)	Co-Leader Stephenson Cancer Center Cancer Prevention and Control Program
2019-present	Co-Director TSET Health Promotion Research Center (HPRC) / Oklahoma Tobacco Research Center (OTRC)
2019-2023	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
2016-2019	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
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Co-Reviewer, Ph.D. Clinical Psychology Program

## LOCAL SERVICE TO THE PROFESSION

### Grant Reviewing

- |             |   |
|-------------|---|
| 2018, 2019  | Presbyterian Health Foundation Team Science Grant applications  |
| 2016, 2018  | Oklahoma Tobacco Research Center Seed Grant Program, Oklahoma City, OK  |
| Summer 2013 | University of Texas Southwestern Medical Center Community-Based Pilot Research Grants, Dallas, TX                   |
| 2003        | Office of Public Health/HIV/AIDS Program<br>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  |
| 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<br>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<br>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<br>Provided in-service to a group of offshore workers on the warning signs and treatment of substance abuse and dependence.   |

## SELECTED PRESS COMMUNICATIONS

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|---------------|--|
| August 2024   | Interview with syndicated internet talk show (>900 stations) about: Mobile Apps to Battle Substance Abuse <a href="https://www.talkzone.com/episodes/199/11973.html">https://www.talkzone.com/episodes/199/11973.html</a>  |
| July 2022     | Interview with OKC Fox affiliate focused on the EASE app for anxiety/depression: <a href="https://okcfox.com/news/local/smartphone-app-to-help-anxiety-and-depression-in-the-works-pandemic-mental-health-crisis-covid-study-participants-make-up-to-400-dollars-ou-health">https://okcfox.com/news/local/smartphone-app-to-help-anxiety-and-depression-in-the-works-pandemic-mental-health-crisis-covid-study-participants-make-up-to-400-dollars-ou-health</a> |
| June 2022     | NIH Press Release about the EASE app for anxiety and depression. <a href="https://covid19.nih.gov/news-and-stories/treating-anxiety-depression-during-pandemic-with-mobile-app">https://covid19.nih.gov/news-and-stories/treating-anxiety-depression-during-pandemic-with-mobile-app</a>   |
| February 2022 | Television interview with NBC (KFOR) focused on the EASE app for anxiety and depression during the COVID-19 pandemic. <a href="https://kfor.com/news/local/ou-researchers-oklahoma-city-pastor-seeking-participants-in-mental-health-app-study/">https://kfor.com/news/local/ou-researchers-oklahoma-city-pastor-seeking-participants-in-mental-health-app-study/</a>  |

- 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/UNHTG76LPVH6NPV3JOVPIGTAJY/>
- 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](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>