The mission of the Oklahoma Tobacco Research Center is to reduce, and ultimately eliminate, tobacco-related morbidity and mortality in Oklahoma through research that informs interventions and policies with a particular emphasis on addressing tobacco-related health disparities.
New Grant Funded

Drs. Bui and Businelle are co-investigators in a recently NCI-funded R01 grant that uses an automated video-assisted intervention to help people living with HIV (PLWH) to quit smoking (R01CA243552, PI: Dr. Damon Vidrine). This is a multisite study that will recruit PLWH who smoke in several cities in the US. Dr. Bui is the site PI and will enable the opportunity for PLWH in Oklahoma to participate in the study for smoking cessation treatment.

Accepted Publications


Click here for list of additional publications from this quarter.
The image above shows both standard and investigational interventions have successful quit rates that are biochemically verified using carbon monoxide three times above that of standard quitline treatment.

In The News

Dr. Michael Businelle was interviewed by channel KOCO 5 regarding the Smart-T3 smoking cessation app intervention. Learn more>

Dr. Alayna Tackett had the opportunity to share information with Stateline Oklahoma on her innovative study of how e-cigarettes affect the respiratory airways. Learn more>

Amy Cohn was interviewed by Journalist's Resource about her recent publication, "Menthol flavor most popular among young smokers, research shows." Learn more>
Formative Studies

A formative study is small pilot study to test the viability of a larger, more extensive study.

Characterizing Cannabis Use among Adults Undergoing Cancer Treatment (Kendzor/Cohn MPIs)
The primary objectives of this project are to: 1) characterize the prevalence, purpose, frequency, and modality of cannabis use; as well as the perceived physical and psychological effects of cannabis use (negative and positive) among adults undergoing cancer treatment at the Stephenson Cancer Center, 2) compare the frequency and severity of physical and psychological symptoms between those who use cannabis and those who do not, 3) to compare opiate and other medication use among those who use cannabis and those who do not, and 4) assess providers’ beliefs and practices related to cannabis use in their patients.

Proposal for developing a large-scale survey on cannabis use and co-use with alcohol, tobacco, and other drugs (Cohn/Kendzor MPIs)
Using a national sample of n = 2,500 adults aged 18 and older, the primary objectives of this project are to: 1) identify the prevalence and patterns of medical and non-medical cannabis use in Oklahoma compared to other states in the SouthWest region; 2) Examine associations of medical and non-medical cannabis use with harm perceptions of cannabis; and 3) Examine the co-occurrence of cannabis with alcohol, tobacco, and illicit drug use (including opioids), across sub-groups (race/ethnicity, gender, age, comorbidity).

The Toxicological and Respiratory Profile of iQOS Compared to Combustible Cigarettes (Tackett/Kendzor MPIs)
This pilot study will examine current young adults smokers (aged 18-25 years; N = 50). Participants will be randomized to switch from combustible tobacco (usual brand cigarette controls (UBC)) to the IQOS for 1 months. Participants will have daily assessments and home-based spirometry assessed via ecological momentary
assessment. Participants will also complete weekly in-lab visits to complete a full respiratory assessment protocol and to provide biospecimen samples.