



Center for Addiction and Pain Prevention and Intervention



About CAPPI

Welcome to the CAPPI Catch-Up newsletter! Our monthly newsletter will be a way to stay connected and let you all know the events for upcoming months. The Center for Addiction and Pain Prevention and Intervention (CAPPI) is now a year old! The goal of CAPPI is to improve addiction and pain outcomes through research, education, patient care, and community outreach. We are doing this through supporting and enhancing research and collaborations as well as educating the next generation of scientists and practitioners on pain and addiction. Through these activities, we seek to improve patient care and reduce the stigma associated with addiction and pain.

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Message from Directors

Welcome to the April 2021 installment of our CAPPI Catch-Up newsletter! We are happy to report that over the past several months our CAPPI development efforts have been flourishing. CAPPI has been supporting the UAB and national communities in several important ways. . 1) CAPPI served as a sponsor for the 1st annual meeting of the newly developed United States Association for the Study of Pain (USASP). The USASP and its annual meeting help promote scientific advances that reduce the burden of pain. 2) CAPPI has partnered with the Addiction Prevention Coalition as a sponsor in support of their 2021 END HEROIN BHAM 16.6 Challenge. This challenge is an awareness and fundraising effort that challenges people to complete 16.6 miles, reps, minutes, laps, rounds, sets, etc. of running, walking, swimming, riding, praying, meditating or anything you like to do to bring awareness to Substance Use Disorder and overdose in Alabama. 3) CAPPI has contributed funds to help support the UAB Summer Program in Neuroscience (SPIN) for 2021. The SPIN program provides immersive research experience and professional development to undergraduate students in the field of neuroscience with the goal of helping to make them more competitive for entry into Ph.D. focused graduate education programs *(Continued on page 3)*.

Message from Directors (cont'd)

4) Last but not least, CAPPI provided pilot funding to support the preliminary research of Dr. Edwin Aroke (UAB School of Nursing) pertaining to epigenetic markers of racial differences in chronic low back pain. Dr. Aroke subsequently submitted an ancillary R01 application using these preliminary data. In March of 2021 he was informed that his study titled, “Epigenomic and Gene Expression Signatures of Racial Differences in Chronic Low Back Pain” was selected for award by NIH/NIAMS. Dr. Aroke will receive approximately \$1.7 million dollars over the next four years to conduct his study, which will leverage Dr. Goodin’s existing R01, the ERASED low back pain study. We plan to highlight Dr. Aroke’s achievements in a future CAPPI Catch-UP newsletter. In addition, we have continued our community outreach activities through our monthly CAPPI Chats, journal club and Pain and Addiction Special Interest Group (PASIG). Please visit our website for upcoming events. We look forward to bringing you more great news about CAPPI in the future. Stay tuned!

*Karen Cropsey, PsyD, Co-Director
Burel Goodin, PhD, Co-Director*

*Thank
you!*



Upcoming Events

- **April 7:** Pain and Addiction Special Interest Group (PASIG)
- **April 16:** CAPPI Journal Club
- **April 21:** CAPPI Chat: Dr. James Bibb "Molecular Mechanisms that Drive Addiction and Promising New Treatment Approaches."
- **May 5:** Pain and Addiction Special Interest Group (PASIG)
- **May 19:** CAPPI Chat: Dr. Edwin Aroke "Epigenetics of Pain: Racial Differences."
- **May 21:** CAPPI Journal Club
- **June 2:** Pain and Addiction Special Interest Group (PASIG)
- **June 18:** CAPPI Journal Club

For more information on upcoming CAPPI events, visit our [website](#).



CAPPI News

- Perseverance powers Eaton's research linking HIV, substance use and mental health
- New addiction and pain prevention center aims to rally researchers and community
- A complex gene program initiates brain changes in response to cocaine



CAPPI Trainees

CAPPI is involved in the successful training of students ranging from basic science, pain, addiction, substance use, tobacco and cannabis.

For more information on our CAPPI Trainee's and their respective interests, visit our [website](#).



Member Spotlight



Ellen Eaton, M.D.

Social Media Liaison, CAPPI

With a major new R01 grant from the National Institute of Mental Health (NIMH), Eaton will explore innovative ways to expand diagnosis and treatment for these same issues to under-served patients at several Ryan White HIV clinics across Alabama. Her five-year, \$3.3 million grant is titled HIV+ Service Delivery and Telemedicine through Effective PROs — or Positive STEPs for short. PROs are patient-reported outcomes, and they are a key component of the grant, which focuses on implementation science.



[Click here to read more about Dr. Eaton's new R01 grant.](#)

Interested in joining CAPPI? Visit our website to complete a [membership application](#).

Newly Funded Projects

Acute Use of Alcohol and Attentional Bias towards Suicide: An Experimental Test of the Attention-Allocation Model

PI: Dr. Caitlin Wolford-Clevenger

This K23 Mentored Patient-Oriented Research Career Development Award will facilitate the candidate's long-term career goal of conducting patient-oriented research on the behavioral and affective consequences of alcohol use and alcohol use disorders, namely the impact of acute use of alcohol (AUA) on suicidal ideation, attempts, and deaths.

UAB Center for Palliative and Support Care Palliative Research Enhancement Project. Culturally Based Values and Preferences for Clinician Care and Communication with Transgender and Gender Diverse People with Serious Illness and their Partners

PI: Dr. Dr. Caitlin Wolford-Clevenger

This qualitative study will explore values and preference of older transgender and gender diverse people and their partners related to palliative care.

[Click here for a complete list of funded projects by CAPPI members.](#)

CAPPI Manuscripts

1. [A Pilot Study of Nicotine Replacement Therapy Sampling and Selection to Increase Medication Adherence in Low-Income Smokers.](#) **Cropsey, K.L., Wolford-Clevenger, C., Sisson, M.L., Chichester, K.R., Hugley, M.,** Azuero, A., Businelle, M.S., Hendricks, P.S., Shelton, R.C., & Carpenter, M.J.
2. [Insomnia Severity and Depressive Symptoms in People Living with HIV and Chronic Pain: Associations with Opioid Use.](#) Cody, S. L., **Hobson, J. M., Gilstrap, S. R.,** Gloston, G. F., Riggs, K. R., Thomas, S. J., & **Goodin, B. R.**
3. [Cessation classification likelihood increases with higher expired air-carbon monoxide cutoffs: a meta-analysis.](#) Karelitz, J.L., McClure, E.A., **Wolford-Clevenger, C.,** Pacek, L.R., & **Cropsey, K.L.**
4. [Low-Dose Dextromethorphan for the Treatment of Fibromyalgia Pain: Results from a Longitudinal, Single-Blind, Placebo-Controlled Pilot Trial.](#) Mueller, C., **Ness, T.J., & Younger, J.W.**

[Click here for access to more manuscripts authored by CAPPI members.](#)

