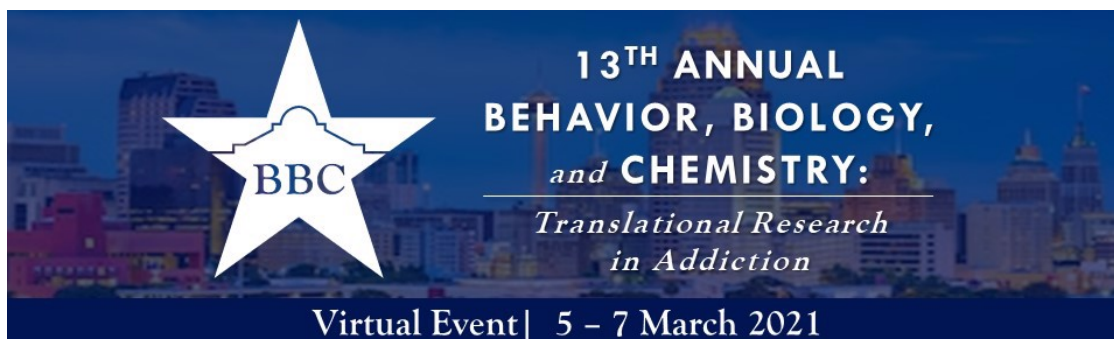




Spring 2021 Vol. 1, No. 1

ARTT | UT Health | Addictive Behaviors

BBC Goes Virtual in 2021



The [13th Annual Behavior, Biology and Chemistry \(BBC\) Meeting](#) will be streamed online for the first time ever! This three-day conference highlights translational research among chemists, biologists, and behavioral scientists working on substance use disorders. Follow the links to learn more about BBC, register, as well as discover the free [Pathways to Careers in Science \(PCS\) Workshops](#).

[Register Now!](#)

Texas Substance Use Symposium 29-30 April 2021



The Texas Substance Use Symposium (TxSUS) is a unique opportunity to bring together health care providers, law enforcement, behavioral health professionals and recovery specialists to collaboratively identify local substance use challenges and solutions to this public health concern. In addition to a multitude of learning sessions, guests work

alongside like-minded professionals while networking and building partnerships with local and national leaders in the field. Visit TxSUS.org for more information.

Register Now!

Program Announcements

Apply for the ARTT Pilot Project Program!

This program fosters new research initiatives and collaborations between and among investigators working in the area of substance use disorders.

[Read the RFA](#) to learn about application information and to apply. The deadline for applications is 19 March!

T32 Postdoctoral Positions are now open!

We are seeking qualified, highly motivated applicants for a NIDA T32 Postdoctoral Training Program. Postdoctoral fellows receive interdisciplinary training across various laboratories and areas of expertise, taking advantage of the research diversity of participating faculty mentors [Learn more](#) about the program and apply!

ARTT Spotlight



**Dr. Lisa M Cleveland and UT
Health School of Nursing
receive \$3.8 million to build
Women's Wellness Campus**



**Dr. Gregory T Collins receives
2021 JH Woods Early Career
Award in Behavioral
Pharmacology**

The campus will be built on nearly 2.9

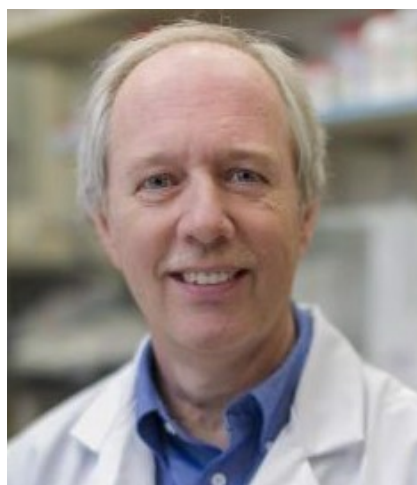
The distinguished [ASPET](#) honor was

acres of land on San Antonio's East side and will provide a home for pregnant and parenting mothers recovering from substance use disorders to be with their children.

To read the full story, visit the UT Health San Antonio website [here](#).

given to Dr. Collins in recognition of his innovative and multi-tiered approach to understanding how individual differences, including behavioral and drug histories, impact drug-taking and drug-seeking behaviors.

The award will be presented during the [ASPET Annual Meeting at Experimental Biology 2021](#) on Friday, 30 April.



A study on biased agonism by Drs. Kelly A Berg and William P Clarke is one of the top 10 most-viewed papers of the year in the International Journal of Neuropsychopharmacology!

Making sense of pharmacology: inverse agonism and functional selectivity explores two concepts in contemporary pharmacology that entail major implications for the use of drugs in medicine and research and impact new drug development. Read the full report in the [International Journal of Neuropsychopharmacology](#).

TxMOUD Recovery Support Services Program

The Texas Medication for opioid use disorder (TxMOUD) program at UT Health San Antonio is enhancing efforts to expand access to low-barrier, evidence-based treatment with the Recovery Support Services Project. The initiative will address the impact social determinants of health have on recovery outcomes by linking justice-involved individuals and those with opioid use disorder to sustainable, long-term recovery. The program is designed to reach 875 individuals across 11 Texas regions through partnerships with community organizations.

Peer Recovery Support professionals, are people who have been successful in the recovery process, help others experiencing similar situations. Through shared understanding, respect, and mutual empowerment, the Recovery Support Services Project helps people become and stay engaged in the recovery process and reduces the likelihood of relapse by integrating medication support and a broad spectrum of psychosocial supports.

For more information, contact Richard Hamner at hamner1@uthscsa.edu or by phone (210) 450-5370.

ARTT-Sponsored Lecture

Psilocybin: Behavioral and Therapeutic Effects

Matthew W. Johnson, Ph.D.

Professor

Behavioral Pharmacology Research Unit

Department of Psychiatry and Behavioral Sciences

Johns Hopkins University School of Medicine

Baltimore, Maryland

Wednesday, February 10, 2021 12:00 PM-1:00 PM

<https://zoom.us/j/92268309321?pwd=SFZlZnRXRQTm1aVWpXblFzQldwdz09>

Meeting ID: 922 6830 9321

Passcode: **dA#gcze8@C**

[View Flyer](#)

Grant & Awards

Michelle R Doyle is a 5th year graduate student, PhD candidate, working with Dr. Gregory T Collins. Her application, " *Role of dopamine D3 and serotonin 2C receptors in the development of an addiction-like phenotype in rats*," was funded by NIDA for a R36DA050955 Grant.

Dr. Gregory T Collins received a Merit Award from the VA entitled " *Preclinical psychopharmacology of substance abuse*," and a renewal of R01DA039146 from NIDA entitled " *Bath salts: abuse-related and toxic effects*."

Publications



Victor M Jimenez Jr, PhD, recently published *Methocinnamox (MCAM) reverses and prevents fentanyl-induced ventilatory depression in rats* in *The Journal of Pharmacology and Experimental Therapeutics*. He reports that MCAM reverses the ventilatory depressant effects of fentanyl in a time- and dose-related manner. Read the full article [here](#).

Shaun M Jones, MPH, co-authored *Availability of buprenorphine/naloxone films and naloxone nasal spray*



[in community pharmacies in Texas, USA](#), in [Addiction](#) describing the availability of buprenorphine/naloxone films and naloxone nasal sprays in Texas and comparing availability by pharmacy type and location. Read more about the article [here](#).

Other Publications

Cleveland M, McGlothen-Bell K, Scott LA, Recto P. (2020) [A life-course theory exploration of opioid-related maternal mortality in the United States](#). *Addiction*. 115:2079-2088. [PMID32279394]

Doyle MR, Sulima A, Rice KC, Collins GT. (2020) [MDPV self-administration in female rats: influence of reinforcement history](#). *Psychopharmacology*. Online ahead of print. [PMID33236170]

Doyle MR, Sulima A, Rice KC, Collins GT. (2020) [Interactions between reinforcement history and drug-primed reinstatement: studies with MDPV and mixtures of MDPV and caffeine](#). *Addiction Biology*. Online ahead of print. [PMID32237282]

France CP, Ahern GP, Averick S, Disney A, Enright HA, Esmaeli-Azad B, Federico A, Gerak LR, Husbands SM, Kolber B, Lau EY, Lao V, Maguire DR, Malfatti MA, Martinez G, Mayer BP, Pravetoni M, Sahibzada N, Skolnick P, Snyder EY, Tomycz N, Valdez CA, Zapf J. (2020) [Countermeasures for preventing and treating opioid overdose](#). *Clinical Pharmacology and Therapeutics*. Online ahead of print. [PMID33113208]

Mada S, Gerak LR, Soyer A, Maguire DR, Hu Z, Minervini V, Cunningham CW, France CP. (2020) [Behavioral effects of benzylideneoxymorphone \(BOM\), a low efficacy \$\mu\$ opioid receptor agonist and a \$\delta\$ opioid receptor antagonist](#). *Psychopharmacology*. 237:3591-3602. [PMID32820390]

McGlothen-Bell K, Cleveland L, Recto P, Brownell E, McGrath J, Cleveland LM. (2020) [Feeding behaviors in infants with prenatal opioid exposure: an integrative review](#). *Advances in Neonatal Care*. 20:374-383. [PMID32868587]

Moon TJ, Mathias CW, Mullen J, Karns-Wright TE, Hill-Kapturczak N, Roache JD, Dougherty DM. (2020) [Social support and the rehabilitation of alcohol-impaired drivers: drinking motives as moderators](#). *Health Communication*. 1-11. Online ahead of print. [PMID32091242]

Seaman RW, Doyle MR, Sulima A, Rice KC, Collins GT. (2021) [Characterization of the discriminative stimulus effects of MDPV and structurally related synthetic cathinones in rats](#). *Behavioural Pharmacology*. Accepted ahead of print.

Wasserman AM, Mathias CW, Hill-Kapturczak N, Karns-Wright TE, Dougherty DM. (2020) [The development of impulsivity and sensation seeking: associations with substance use among at-risk adolescents](#). *Journal of Research on Adolescence*. 30:1051-1066. [PMID32951266]

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