

Cassandra Gipson, Ph.D.



Dr. Cassandra Gipson is an Assistant Professor of Psychology in the Behavioral Neuroscience division of the Department of Psychology at Arizona State University (ASU) in Tempe, Arizona. She received her Ph.D. from the Department of Psychology at the University of Kentucky. She has completed a Post-Doctoral Fellowship in Neuroscience at the Medical University of South Carolina in the Department of Neurosciences. She is actively involved in mentorship, teaching, and research. Dr. Gipson is the Principal Investigator of the Neurobiology of Behavior and Addiction Laboratory at ASU, and mentors undergraduate, honors, and graduate students, as well as Post-Doctoral Fellows. Dr. Gipson is involved in several lines of research, including a study examining potential sex differences and ovarian hormonal impact on the efficacy of the antioxidant, *N*-Acetylcysteine (NAC), to inhibit nicotine reinstatement in a preclinical model of nicotine relapse. As well, she is senior investigator on a study examining the impact of abrupt nicotine reduction as planned by the Food and Drug Administration on nicotine essential value, subsequent relapse vulnerability, and its neurobiological sequelae. Importantly, Dr. Gipson has recently co-authored a systematic review on the ability of basic science to guide informed nicotine and tobacco regulatory policy through her role as a member of the Basic Science Network Advisory Committee for the Society for Research on Nicotine and Tobacco (SRNT). Dr. Gipson is also actively pursuing the role of neuroinflammation and astrocytes in nicotine relapse. She is a member of several professional societies, including SRNT, College on Problems of Drug Dependence, Society of Biological Psychiatry, and Society for Neuroscience. Dr. Gipson has authored several publications and book chapters in the field of addiction neuroscience.