Maribel Hernández, PhD
ASERT/IRACDA Fellow
University of New Mexico Health Sciences Center
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Education

Indiana University Indianapolis • Indianapolis, IN — 2020 – 2024
Ph.D. in Psychology (Addiction Neuroscience)

Indiana University – Purdue University Indianapolis • Indianapolis, IN — 2020
M.S. in Psychology (Addiction Neuroscience)

St. Edwards University • Austin, TX — 2015
B.S. in Psychology; Behavioral Neuroscience concentration

Teaching

Teaching Mentor: Not assigned yet

Publications

Phillip Starski, Addyson Siegle, Danielle White, Bea Paras, Christy Tham, **Maribel Hernández**, Nicholas Grahame, Stephen L Boehm 2nd, & Frederic Hopf (2024). Sex and Genetic Behavioral Engagement Differences in Crossed High Alcohol-Preferring and Low Alcohol Preferring Mice. *Genes, Brain and Behavior.* (submitted)

Hernández, M., Zhang, Y., Filippelli, G. M., & Boehm, S. L. (2023). Early-life low-level lead exposure alters anxiety-like behavior, voluntary alcohol consumption and AC5 protein content in adult male and female C57BL/6 J mice. *Neurotoxicology and Teratology*, *95*, 107149. https://doi.org/10.1016/J.NTT.2022.107149

*Bauer, M. R., ***Hernández, M.**, Kasten, C. R., & Boehm, S. L., 2nd (2022). Systemic administration of racemic baclofen reduces both acquisition and maintenance of alcohol consumption in male and female mice. *Alcohol (Fayetteville, N.Y.)*, 103, 25–35. Advance online publication. https://doi.org/10.1016/j.alcohol.2022.06.003 *denotes co-authorship

Rangel-Barajas, C., Coronel, I., Zhang, Y., **Hernández, M**., & Boehm, S. L. (2020). Low-level developmental lead exposure does not predispose to adult alcohol self-administration, but does increase the risk of relapsing to alcohol seeking in mice: Contrasting role of GLT1 and xCT brain expression. *Neuropharmacology*, Vol. 181. https://doi.org/10.1016/j.neuropharm.2020.108339

Smoker, M. P., **Hernández, M**., Zhang, Y., & Boehm, S. L. (2019). Assessment of Acute Motor Effects and Tolerance Following Self-Administration of Alcohol and Edible ∆9-Tetrahydrocannabinol in Adolescent Male Mice. Alcoholism: Clinical and Experimental Research, 43(11), 2446–2457. https://doi.org/10.1111/acer.14197

Research

Current Research

- Investigating the behavioral genetics of alcohol use disorder using transgenic mouse models and neuroscience techniques

Research mentors:

- Amanda Barkley-Levenson, PhD, Assistant Professor, Department of Pharmaceutical Sciences
- Benjamin Clark, PhD, Associate Professor, Department of Psychology