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Courses:

BIOL 4555 Human Embryology

BIOL 3701 Anatomy and Physiology Part 1

BIOL 3702 Anatomy and Physiology Part 2

BIOL 3936 Behavioral Neuroendocrinology

BIOL 4990 Undergraduate Research

Education:

PhD in Anatomy, focused on Neuroscience

Research Focus (Summary):

Our laboratory has two main projects. The first project is an in-vitro study that focused on understanding the possible molecular mechanisms involved in the role of estradiol regulating midbrain dopaminergic neurons. The second project uses the Caribbean hermit crab, *Coenobita clypeatus*, as a bioindicator to study the effects of anthropogenic noise on animals' behavior and Nervous system. Both projects engage undergraduate students of UPR-Cayey, providing them skills and aptitudes for Neuroscience research.

Publications: