

BIOGRAPHICAL SKETCH

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NAME: Tlapa, Julia Diane

eRA COMMONS USER NAME (credential, e.g., agency login): JTLAPA

POSITION TITLE: Predoctoral Graduate Student

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Grinnell College	BA	05/2023	Biology, Anthropology
University of Wisconsin-Madison	PhD	In Progress	Endocrinology and Reproductive Physiology

A. Personal Statement

I am a graduate student in the Endocrinology and Reproductive Physiology training program, and I work under Dr. Kim Keil-Stietz in the Department of Comparative Biosciences. I have a broad background in biology, as well as anthropology, with specific training focusing on reproduction, particularly in-vitro-fertilization. At my current position, I am combining my interest in reproduction with the focus of my lab, which is urogenital toxicology. Previous work in the Keil-Stietz lab has shown that developmental exposure (in utero and lactational) to polychlorinated biphenyls (PCB) alters voiding physiology in adult male and female mice. The mechanisms that drive these changes in voiding physiology are still not completely known. While we have previously characterized voiding physiology and bladder contractility, I propose to study the urethra as a possible tissue which also contributes to PCB induced changes in voiding function due to its importance to voiding function. As a scientist, I value communication amongst project members, scientific integrity in data collection and management, and people-driven research.

B. Positions, Scientific Appointments, and Honors**Positions and Scientific Appointments**

2023 – Present	Graduate Student, Endocrinology and Reproductive Physiology Training Program, Keil-Stietz Lab, Department of Comparative Biosciences, University of Wisconsin-Madison
2023 – Present	Member, Society of Toxicology
2023 – Present	Member, Society for the Study of Reproduction
2023 – 2023	Intern, Gamete and Embryology Molecular Biology Team, ABS Global
2023 – 2023	Research Student, Praitis Lab, Grinnell College

Honors

2023	Graduating with Honors, Grinnell College Departments of Biology, Department of Anthropology
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C. Contributions to Science