

Gabrielle K. Hines

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EDUCATION

Johns Hopkins University Bloomberg School of Public Health

Master of Science (MS) in Toxicology for Human Risk Assessment

Graduate Certificate in Risk Sciences and Public Policy

Baltimore, MD

December 2023

Emory University

Bachelor of Science (BS) in Anthropology and Human Biology

Bachelor of Arts (BA) in Human Health

Atlanta, GA

May 2022

WORK & LEADERSHIP EXPERIENCE

California Environmental Protection Agency (CalEPA)

Remote

Research Intern - Department of Toxic Substances Control

May 2023 - December 2023

- Led screening research to aid in the prioritization of chemical product combinations for phthalate alternatives with potential for use in children's toys and care products based on their similarity to ortho-phthalate's chemical structure, industrial function, and physical-chemical properties
- Integrated 5 EPA tools to compare exposure, hazard, and ecotoxicity metrics for phthalates and potential alternatives
- Identified 10 current and proposed regulations at the state and federal level related to the use of 12 phthalates in children's products to highlight current disparities in legislative coverage
- Conducted risk assessments to evaluate lifetime exposure to phthalates from menstrual products, generating various scenarios to yield high, moderate, and low hazard estimates
- Prepared a detailed technical report, effectively communicated findings to a variety of stakeholders, and provided actionable recommendations for future regulatory decision-making

Laboratory for Exposure Assessment and Development in Environmental Research

Atlanta, GA

Research Analyst - Emory School of Public Health

May 2021 - July 2022

- Conducted sample preparation, analysis, and data integration on over 2,000 samples from serum and urine matrices to investigate environmental exposure biomarkers, including pesticides, inflammatory markers, and flame retardants via liquid, gas chromatography-mass spectrometry (LC-MS/GC-MS), and ELISA assay techniques
- Oversaw the acquisition of 600 urinary fungicide metabolite concentrations via targeted quantitative analysis to ascertain exposure levels to ethylene thiourea and propylene thiourea in adolescent populations in Ecuador
- Orchestrated the inventory and organization of 20,000+ urine and blood samples from 4 countries for the international Household Air Pollution Investigation Network (HAPIN) trial to optimize inter-laboratory efficiency

Emory New Student Program

Oxford, GA

Orientation Leader

August 2019 - December 2019

- Advised a group of 17 first-year students during their first weeks on campus and through orientation activities
- Trained in group facilitation skills to aid in the first-year students' college transition and build group relationships
- Developed a course titled "Learning to Lead" for a cohort of 15 students, focused on essential principles and practices of effective leadership, including communication, teamwork, decision-making, and conflict resolution

Sell's Broadway Dance Company

Tampa, FL

Special Needs Dance Teacher

August 2016 - July 2018

- Established and taught an adaptive dance class for special needs individuals to enhance accessibility
- Advocated for spaces that were disability inclusive and engaged with stakeholders to ascertain community needs

Conch Republic Grill and Bar

Tampa, FL

Retail Sales Manager

August 2014 - July 2018

- Fostered excellent customer relations to provide guests with memorable moments of hospitality
- Oversaw both retail and take-out food sales for a high-volume retail and restaurant venue
- Maintained favorable profit margins via nightly, weekly, and quarterly inventories

HONORS & SKILLS

Honors: National Endowment for the Humanities Scholar, 1st Place at National History Day, Lambda Alpha Honor Society

Skills: Proficiency with STATA statistical software package, fluency in written and conversational Spanish