

SUMMARY

Ph.D. scientist and policy professional experienced in energy and climate policy, focusing on grid modernization, resilience, and clean technology integration. Skilled at bridging scientific research and policy to advance evidence-based solutions. Eager to apply analytical expertise across new and evolving challenges.

EDUCATION

Doctorate, Physics - Georgia Institute of Technology 2024
Graduate Certificate, Sustainable Energy & Environmental Management - Georgia Institute of Technology 2023
Bachelor of Arts, Physics & Mathematics - Bryn Mawr College 2018

POLICY EXPERIENCE

CCST Science & Technology Policy Fellow | California Energy Commission, Sacramento, CA 2024 - 2025
Office of Chair David Hochschild

- Lead policy portfolio of transmission, energization, grid resiliency, distributed energy resources, energy storage, emerging technologies, and data fidelity
- Analyzed proposed legislation from the California State Legislature, delivering clear, actionable policy impact assessments
- Developed science-based, data-driven policy recommendations and reports by integrating stakeholder engagement, research synthesis, cross-agency collaboration, organizing workshops, and managing Tribal and public engagement
- Coordinated international engagement and energy diplomacy initiatives for the Chair, including managing foreign delegation visits of 30+ participants and supporting cross-border policy exchanges
- Prepared the Chair's public engagements with tailored talking points, slide decks, and organizer coordination, enhancing outreach and stakeholder relations

Science for Development Institute (SCI4DI) Scholar | U.S. Agency for International Development 2024

- Selected for immersive training on integrating scientific expertise into international development policy, with an emphasis on innovation, federal engagement, and advancing evidence-based solutions

Student Representative | Georgia Tech Graduate Student Diversity Council 2020 - 2024

- Proposed policy initiatives enhancing the experience of College of Sciences graduate students

RESEARCH EXPERIENCE

Ph.D. Researcher | Georgia Institute of Technology, Atlanta, GA 2018 - 2024

- Led international research projects collaborating with scientists across eight countries
- Conducted electrical grid simulations for enhanced outage analysis
- Developed efficient data analysis algorithms for gravitational wave event identification
- Managed and mentored 3 undergraduate and 2 junior graduate researchers

Pathways Intern | National Institutes of Health, Bethesda, MD 2014 - 2015

- Developed an automated pipeline for the Database of Antimicrobial Activity and Structure of Peptides

MENTORSHIP AND OUTREACH

Georgia Tech Physics Allies for Wellness, Founder 2022 - 2024

- Established the mentoring organization, negotiated scope with stakeholders, and developed the budget
- Served as a liaison between the community and administration, addressing stakeholder concerns

Georgia Tech Society of Women in Physics, Vice President 2019 - 2024

- Mentored women in physics and fostered participation and success within Georgia Tech and Atlanta