

**Education****Emory University**, Atlanta, GA

May 2023

*Bachelor of Science in Environmental Science (concentration in Earth and Atmospheric Sciences), minor in Music*

Cumulative GPA: 3.6/4.0

Honors: QuestBridge Scholar, Dean's List (Fall 2020), Pi Epsilon Member (Environmental Science Honor Society, Fall 2022)

**Awards**

- Ceres Global Scholarship Winner, Feb. 2023
- Da Vinci Talks Finalist with IDEAS Week, Feb. 2023
- Undergraduate 1st-Place Winner of [Global Climate Action Symposium](https://bit.ly/GCAS2021) Art Contest (bit.ly/GCAS2021), Sept. 2021
- Department of Environmental Sciences Green Career Internship Fund Award, May 2021

**Work Experience****Horticulture Department at the Shedd Aquarium**, Chicago, IL

June 2021 - Aug. 2021

*Organic, Sustainable Gardening Intern*

- Actively explored how to create biodiverse managed landscapes through an independent project consisting of a 70-page document called "The Field Guide to the Gardens at the Shedd Aquarium" for the Migratory Bird Garden and documented the history of the gardens through interviews
- Practiced sustainable gardening techniques within 12 different garden spaces of Shedd (such as water conservation, pesticide-free gardening, composting, & supporting the resilience of native plants)
- Prepared 26 written, plant profiles for the Education Department's elementary school campers to highlight native Illinois flora & fauna; compiled a list of animal species spotted during Shedd's first Fauna Blitz

**Partnership for Southern Equity (PSE)**, Atlanta, GA

Sept. 2020 - May 2021

*Keep That Same Energy (KTSE) Youth Ambassador*

- Served as a liaison between 2 communities: PSE and Emory College student body by hosting a virtual youth empowerment session with the team of 9 ambassadors
- Brainstormed with the Just Growth team to gain community input on the development of the City of East Point's Equitable Growth & Inclusion Plan and phone banked for the East Point, GA COVID-19 Financial Assistance for Utility Payment to inform community leaders of the utility bill pay assistance program
- Applied racial and environmental justice knowledge learned over the course of the year into a virtual concert titled "Notes of Equity" and performed 5 original songs focused on environmental activism and advocacy

**Microwave Systems, Sensors, and Imaging Lab at University of Southern CA**, Los Angeles, CA June 2019 - Aug. 2019*Environmental Monitoring Intern*, Research Experiences for Undergraduates (REU) internship funded by the National Science Foundation

- Installed wireless sensor networks during fieldwork in New York to detect near real-time measurements of soil moisture levels and soil matric potential
- Collected soil samples from the Millbrook Environmental Monitoring Station (Institute of Ecosystem Studies) field site and conducted tests to characterize the electromagnetic and hydraulic properties of soil

## **The Field Museum of Natural History, Chicago, IL**

May 2018 – Aug. 2018

### *Institute of Museum & Library Services Intern*

- Organized, photographed, and digitized an Ordovician Fossil Invertebrates Collection
- Created 1,126 catalog records and 2,120 photographs of the fossils and labels
- Joined the Society for the Preservation of Natural History Collections (SPNHC)

### *Women in Science Intern*

June 2017- Aug. 2017

- Organized, digitized, and photographed the Thomas V. Testa Fossil Invertebrates Collection by using EMu, an object-oriented database
- Conducted an interview with the fossil collector, Thomas V. Testa
- Produced a video with fellow intern to describe the collection and its importance to the science community

## **Leadership**

- *Undergraduate Researcher, Sihi Biogeochemistry Lab of Emory College* Jan. 2023 - present
- *Member, University Senate's Committee on the Environment* Aug. 2019 – Dec. 2021
- *Co-Founder & Inaugural Chapter Chair, Climate Reality Project: Emory University Chapter* May 2019 – Dec. 2021
- *Notetaker, Physical Oceanography class* June 2020 - Aug. 2020
- *Research Analyst, Goizueta Energy and Environment Group* Aug. 2018 – May 2019

## **Community Service**

- *Food Justice & Sustainability Volunteer, Volunteer Emory, Chattanooga, TN* Oct. 2022
- *Select Organized Litter Obliterator, Forest Preserve District of Cook County, Chicago, IL* July 2020- Present
- *Curriculum Researcher, Sustainability Clubs, Eugene, OR (remote internship)* June 2020 - Aug. 2020
- *Mind Bubble Tutor, Dekalb County Public Library/Volunteer Emory, Atlanta, GA* Feb. 2019 - May 2019

## **Professional Organizations**

- American Geophysical Union (AGU) July 2019 - present
- Society for the Preservation of Natural History Collections (SPNHC) Aug. 2018 - May 2019

## **Certifications**

**The Climate Reality Project**, Climate Reality Leadership Corps Certificate

Mar. 2019

**Cook County Sheriff's Department**, Trained Election Judge

Feb. 2017 & Feb. 2020

## **Scientific Publications**

- Akbar, R.; Silva, A.; Chen, R. H.; Golestani, N.; Bakian Dogaheh, K.; Kannan, A.; **Kahn, D.**; Moghaddam, M.; Entekhabi, D., "[Recent Progress and Development in Energy Efficient and Smart in situ Wireless Sensor Networks: SoilSCAPE,](#)" vol. 2019, 2019.
- **D. Kahn**, "Encouraging Women in Science Programs: An Intern's Perspective," 30-Mar -2019. [Online]. Available: [osf.io/q8cnz](https://osf.io/q8cnz).
- Mayer P.; Hodge K.; **Kahn D.**; Best M.; Dryer Y.; Pritza M.; Nelson J.; Wittry J. 2018 "[Interns and Volunteers Crucial in Curating and Digitizing Fossil Invertebrates in the Field Museum's Fast Growing Mazon Creek Collection,](#)" Biodiversity Information Science and Standards 2: e25942. <https://doi.org/10.3897/biss.2.25942>.

## Presentation Experience

- Soil, Science, & Songs. Da Vinci Talks Finalist for IDEAS Week 2023: Breaking the Cycle, Atlanta, GA, Feb. 20, 2023.
- Contemporary Climate Challenges. Emory Climate Analysis Team & Climate Reality Project, Apr. 21, 2021 (via Zoom).
- Think Global, Act Local: Your Energy Matters. Partnership for Southern Equity, Dec. 10, 2020 (via Zoom).
- **Kahn, D.**; Bakian Dogahneh, K.; and Moghaddam, M. Characterization of the Electromagnetic and Hydraulic Properties of Soil. University of Southern California, Los Angeles, CA, Aug. 9, 2019.
- Encouraging Women in Science Programs: An Intern's Perspective. 34th Annual Society for the Preservation of Natural History Collections Conference, Chicago, IL, May 30, 2019. Available: [osf.io/q8cnz](https://osf.io/q8cnz).
- Environmental Awareness for Elementary School Students, Laurel Ridge Elem. School, Decatur, GA, May 2, 2019.
- Western Colonialism Impact on Polynesian Island Artwork. 18th Annual Georgia Undergraduate Art History Forum, The University of West Georgia, Carrollton, GA, Mar. 29, 2019.
- Science Achievers Celebration, Graduating high school senior speaker. The Museum of Science & Industry, June 16, 2018.
- Research Workshop for Science Olympiad students, Evergreen Park High School, May 2018.
- STEM Internships & Undergraduate Research, Engineering Pathway program at Moraine Valley Community College. Palos Hills, IL., Nov. 10, 2017.

## Environmental Activism Music Performances

- In progress: Environment & Art Sessions For Emerging Leaders (EASEL) Fellowship with Science Gallery Atlanta JUSTICE Exhibition and ELND, May 2023.
- In progress: Performance at Commencement Celebration with Department of Environmental Science at Emory, May 5, 2023.
- "Nothing Else Matters" during Da Vinci Talks for IDEAS Week 2023: Breaking the Cycle, Feb. 20, 2023.
- Plastival (plastic-free carnival) performance with Plastic Free Emory, McDonough Plaza, Atlanta, GA, Oct. 18, 2022.
- "Music for Whale Rights" concert for Whale Week, virtual, Nov 2021.
- Performed original song called "Change Who We Are" for Emory Climate Coalition's Strike, Atlanta, GA, Sept. 24, 2021.
- "Notes of Equity" concert with Partnership for Southern Equity (PSE), virtual, May 20, 2021.

## Photography Publications and Exhibits

- "Monument Rocks Natural Landmark" B. Jones Gallery in the Emory Career Center, October 2022 – May 2023.
- **Dana Kahn**, *Many As One*. Second Annual Winter Contest. Emory Alloy Literary Magazine, Mar. 27, 2023. Available: <https://alloy.home.blog/2021/03/27/many-as-one/>.

## Technological Skill Sets

- Statistical programming language (R/RStudio), Collections management technology (EMu database used in museum collections), Photography, Productivity (Google & MS office suite), Design software (Inkscape, Netfabb, Sculptris, & MakerWare) for CNC Machines (Laser cutter, Vinyl cutter, & 3D printer) within Fabrication laboratories, & iNaturalist

## Languages

- Native in English
- Level I in American Sign Language (ASL)
- Intermediate in Spanish