

Data + Advocacy Intern - 2024



Overall goal: Work with a community to understand their existing environmental health concerns and provide data analytics to support their needs.

Use existing environmental and social data to produce novel environmental justice (EJ) insights and present your finding using ArcGIS StoryMaps and other data analytics public-facing tools. [See example here.](https://scienceforgeorgia.org/knowledge-base1/georgia-insights/) (<https://scienceforgeorgia.org/knowledge-base1/georgia-insights/>)

Weekly Hours: 10-20 (during semester), 30-40 (during summer).

Location: 100% remote. Sci4Ga has co-working space in Atlanta and interns are welcome to join us there.

Rolling start and end times.

Pay depends on Sci4Ga funding status.

Action Items and Deliverables

Depending on intern skill set and project need – action items will include any and/or all of the following:

Get Trained & Onboarding

During onboarding we will go over paperwork and other policies and procedures.

Over the course of the semester – all Sci4Ga interns will receive science communication training.

Establish Contact w/ Community and Understand their Environmental Health Concerns

Utilizing existing Science for Georgia contacts reach out to an identified community and understand their community concerns.

Understand Data Needed

Based on community concerns, understand what data needs to be added to the existing Map Project to further contextualize their environmental health concerns.

Identify, Clean, and Analyze Data

Identify supplemental data sets, clean, important, and analyze them in the context of the existing Map Project.

Create Contextualized Data Stories

Create data stories to support the needs of the community.

Report Out to Community

Present your findings to the community, answer questions, and create a plan to address their feedback.

(Stretch Goal) Contextualized Health Information

Given the community feedback and health concerns – create and/or identify a set of one-pagers that people can use to improve their daily environmental health.

Weekly Work Details

All interns have a weekly meeting with their supervisor. Here they will discuss their progress toward goals, plan for the upcoming week, and issues blocking progress. This will also be a time for interns to ask questions and receive career building mentorship.

All interns participate in the weekly Sci4Ga all hands meeting where everyone shares a quick update on progress, and we brainstorm our way through questions.

Over the semester, all Sci4Ga interns will receive science communication training.

Items needed:

1. Laptop

Skills needed:

1. Computer literacy
2. GIS
3. Data Analysis techniques
4. Time management
5. Independent research skills

Skills that will be gained

1. Science communication
2. Public outreach
3. Storytelling
4. GitHub Utilization
5. Agile project management techniques

About Science for Georgia

Science for Georgia is a 501c3 dedicated to bridging the gap between scientists and the public through training, outreach opportunities, and direct contact with the public, policymakers, and the press. Science for Georgia highlights how science can impact people's lives and advocates for the responsible use of science in public policy.

Questions, please reach out to amy.sharma@sci4ga.org or Michael.Czajkowski@sci4ga.org

To apply, please send a resume, cover letter, and writing sample or technical portfolio to amy.sharma@sci4ga.org or Michael.Czajkowski@sci4ga.org