

Geoscience Education and Outreach Internship

STEP INTERNSHIP 2023

Raleigh, NC
NC Geological Survey

PROJECT DESCRIPTION / OBJECTIVE

Part of the mission of the North Carolina Geological Survey is to provide geoscience/earth science education and outreach to a variety of audiences, including K-12 students, educators, and the general public.

The student will assist the NCGS Education and Outreach Coordinator with development of our Geoscience Education program.

This will include:

- Development of educational materials
- Assisting with redesign of our website
- Participation in education and outreach events

MAJOR TASKS TO BE PERFORMED

- Assist the Education and Outreach Coordinator with development of earth science educational materials for a variety of audiences such as K-12 learners, educators, and the public. The materials may include graphics, written word, videos, and interactive online content.
- Perform research to assist with the development of the earth science educational materials. General topics of research will include rocks, minerals, geologic time, plate tectonics, geologic mapping, and geologic hazards.
- Assist with the development of earth science lesson plans and activities. This content will be produced for our website as well as for use at education and outreach events.
- Assist with Education and Outreach Coordinator with website design and content.
- Travel with and assist the Education and Outreach Coordinator with in-person and virtual STEM events.

FINAL PRODUCT OR OUTCOME ANTICIPATED

The student will have participated in the development of a more robust Geoscience Education Program. Their research and writing will be used in NCGS educational materials and will be posted on the NCGS website along with our other education and outreach materials. The student will also acquire public speaking experience and will hopefully gain comfort in public outreach events.

QUALIFIED CANDIDATE MUST POSSESS

- Technical writing skills are essential
- Ability to work remotely and have internet access to perform essential duties
- Experience in science lesson plan development would be helpful, but not necessary

TRAVEL

The student will travel with the Education & Outreach Coordinator to public education and outreach events. This will occur less than a handful of times during the internship, as the frequency of events tends to slow down during the summer months.