

Murray J. Sternberg

Email: sternbergmurray@gmail.com

PERSONAL STATEMENT

Inspired to find ways to work towards a sustainable and equitable society. Interested in the interplay of physical, chemical, and biological Earth processes and the ways humans interact with them.

EDUCATION

- **Emory University** Atlanta, GA
● *BS: Environmental Sciences - Earth and Atmospheric Science; Minor: Physics* Aug 2020 - May 2024
Current GPA: 3.794
Coursework: General and Organic Chemistry, Classical and Modern Physics, Astronomy, Calculus I, II, and III, Math Methods for Scientists and Engineers, Statistical Inference (RStudio), Environmental Science, Soil Science, Biogeochemistry, Geoscience, Environmental Epidemiology, Cultural Anthropology, Medical Anthropology, Middle Eastern and South Asian Studies, Spanish
Activities: Astronomy Club, Club Tennis
- **Bard High School Early College** Manhattan, NY
● *AA: Liberal Arts (Bard College); NY State Regents Diploma* Sep 2016 - Jun 2020
GPA: 3.7
Coursework: General Biology, Immunology, Infectious Diseases, History and Philosophy of Religion, History of American Education, Literary Theory, Magical Realism
Activities: Robotics Team (Treasurer), Tennis Team (MVP 2019, Co-Captain 2020)

SKILLS

- **Technical & Field Experience:** Microsoft Office Suite, LaTeX, Final Cut Pro, Adobe Photoshop, various laboratory techniques of Chemistry and Physics, wildlife handling
- **Soft Skills:** Organization, oral and written communication, time management, reliability

EXPERIENCE

- **Sihi Biogeochemistry Lab** Atlanta, GA
● *Undergraduate Researcher* Aug 2022 - Present
 - **Research:** Assist with research on soil organic matter and greenhouse gases.
- **NYC Department of Parks & Recreation** New York, NY
● *Habitat Connectivity in Saltmarshes Intern* Jun 2022 - Aug 2022
 - **Ecological Monitoring:** Contributed to an ecological research team using proper wildlife handling techniques (identification, measurement, handling, capture, and tagging) of diamondback terrapins and estuarine fishes.
 - **Literature Review:** Performed research and synthesized technical information from varied audiences on topics including sustainability solutions, invasive species management, and ecological infrastructure.
 - **Data Collection:** Collected, entered, and organized data in the field and in Excel.
- **New York Hall of Science** New York, NY
● *Explainer* Sep 2019 - Jul 2020
 - **Visitor Interactions:** Actively engaged with visitors to communicate STEM topics grounded in design-based museum exhibits and foster scientific curiosity and creativity.
 - **Demonstrations:** Studied to perform demonstrations of science and technology, as well as instructions for interactive exhibits, to groups of 30+ visitors.
- **American Museum of Natural History** New York, NY
● *Saltz Intern* Jul 2019 - Aug 2019
 - **Informal Education:** Facilitated scientific conversations with 50+ visitors daily using artifacts, VR experiences, and hands-on experiments to provide an informal education of museum content.
 - **Diorama Study:** Conducted specialized diorama studies in the Hall of Meteorites and the Hall of the Universe to present a diverse range of visitors with a working knowledge of specific scientific processes.
- **Riverside Clay Tennis Association** New York, NY
● *Coach* Jul 2018 - Aug 2018
 - **Dynamic Instruction:** Directed stretching routines, drills, and match play to teach young players (aged 6 to 16) the basics of tennis, while promoting a fun, safe, and well-balanced environment.

HONORS AND AWARDS

- Dean's List: Spring 2022 at Emory University

VOLUNTEER EXPERIENCE

- **New York Public Library** Manhattan, NY
● *Shelved and organized materials, managed holds, and answered visitors' questions.* Jan 2017 - Nov 2017