

Kruttika Gopal

4201 Massachusetts Ave NW, Washington, DC 20016 | (203) 817-1154 | kg2134a@student.american.edu

EDUCATION

American University, College of Arts and Sciences (CAS), Washington, DC
Bachelor of Arts in Environmental Studies, Minor in Political Science
GPA of 3.98

December 2022

Honors: **2021 Udall Scholar, 2022 Truman Scholarship Finalist**, Honors Program, School of Public Affairs Leadership Program, Dean's List for 5 semesters, Presidential Scholarship recipient

Relevant Coursework: ENVS-324 (Environmental Health), SPA-370 (American Environmental Policy & Politics), ENVS-260 (Energy & Pollution), ECON-379 (Economics of Environmental Policy)

Jonathan Law High School, Milford, CT

June 2019

Honors: Graduated in top 1% of class, selected to be Salutatorian, National Honor Society, High Honors

WORK EXPERIENCE

Science and Solutions Intern, **The Climate Reality Project**, Washington, DC

September 2021-Present

- Researching and tracking climate science and energy developments and their related policy issues
- Developing scientific support materials for the slide deck presented by Al Gore at Climate Reality trainings
- Presenting complex climate science developments in digestible research memos and other forms of scientific and policy communication

Policy and Health Education Intern, **Children's Environmental Health Network**, Washington, DC

May-August 2021

- Authored and piloted *The Patron*, the premier monthly legislative roundup newsletter regarding children's environmental health
- Drafted policy statements and outreach materials relevant to CEHN's mission of protecting the environmental health of all children
- Revitalized CEHN's presentation of dense scientific analysis with research briefs on climate and environmental health studies

Director of United Nations Environment Assembly, **International Model United Nations Association**, New York, NY

August 2019-March 2021

- Chaired the committee simulation of the UN Environment Assembly at the world's largest and most prestigious Model UN conference for secondary school students
- Fostered close relationships between staff members, student delegates, school faculty advisors, and other conference attendees
- Authored a published piece of research on mitigating the effects of pollution on marine life

Intern, **Youth Legislative Council**, Office of State Senator James Maroney, Milford, CT

June 2018-June 2019

- Composed a bill banning polystyrene trays in Connecticut schools, which passed in the state senate
- Investigated alongside local policy experts to generate legislative ideas for the state of Connecticut and local towns
- Coordinated key aspects of a senatorial campaign, including social media accounts, creating graphics, and voter outreach

RESEARCH EXPERIENCE

Student Researcher, **Research Lab of Dr. Valentina Aquila**, American University

January 2022-Present

- Monitoring particulate matter pollution across Washington, DC and modeling the relationship between community demographics, quantity of monitoring systems, and air quality levels using geographic information system (GIS) mapping tools

Member, **Honors Program**, American University

August 2019-Present

- Conducted [research](#) studying the effects of environmental racism on the neurological development of children in Washington, DC
- Studied transnational migration and urban change in the DMV region through a specialized course culminating in a research project on the relationship between sustainability initiatives and environmental gentrification in Washington, DC

Member, **School of Public Affairs Leadership Program**, American University

August 2019-Present

- Conducted an independent research project studying how climate change stands to worsen air pollution levels and increase the risk of ozone-related health issues, and how these effects on air quality disproportionately impact low-income residents of color in Washington, DC; culminating in organizing an environmental justice "day of action" that engaged participants across the country

SKILLS

- *Computer*: Microsoft Office (Word, Excel, Powerpoint); Google Suite; Asana; WordPress, arcGIS Pro, Zotero
- *Social Media Marketing*: Facebook, Instagram, Twitter, YouTube, LinkedIn
- *Language*: English (fluent verbal, reading, and writing); Spanish (intermediate verbal, reading, and writing); Tamil (intermediate verbal, novice reading and writing)