Stanford | Haas Center for Public Service
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Schneider Fellows – Summer 2020

The Schneider Fellows program provides Stanford students with opportunities to work at leading U.S. non-governmental organizations (NGOs) in the sustainable energy field.

Undergraduate Students

- **Juliana Berglund-Brown, ’21 (Civil and Environmental Engineering); U.S. Green Building Council, Washington, D.C.** Juliana worked with the Arc Platform on improving performance-based transportation scoring, analyzing scoring techniques for building re-entry after COVID-19, and designing and developing methodologies to score organizations on their sustainability efforts using performance based metrics.

- **Evelyn Correa, ’22 (Undeclared); Natural Resources Defense Council, San Francisco, CA.** Evelyn worked with the non-profit organization, NRDC, where she worked on advocating and researching clean energy and fuels. Her work centered on economic avenues to electrifying the transportation center.

- **Chris Escobedo, ’20 (Earth Systems); Audubon, Los Angeles, CA.** Chris worked with the policy team for Audubon California, and the Debs Park team in Los Angeles. Chris worked on several projects involving policy development, advocacy, and community engagement, and a main project of creating a report on an anti-displacement strategies for Audubon.

- **Lindsay Filgas, ’22 (Earth Systems); United Nations Foundation, Washington, D.C.** Lindsay collected data to inform communications around upcoming IPCC reports and prepared communication materials for other relevant UN events and reports. Her contributions spanned the UN and UN Foundation’s work on climate, oceans, and biodiversity.

- **Chloe Gould, ’22 (Earth Systems); Natural Resources Defense Council, New York, NY.** Chloe worked on a comprehensive whitepaper that discussed the benefits of truck and bus electrification in New York State, and some of the financial and non-financial barriers associated with the uptake. She also created a blog to be published on the NRDC website that digests the main points of the whitepaper and makes it more accessible to the general public.

- **Myles Haigney, ’22 (Undeclared); Union of Concerned Scientists, Cambridge, MA.** Myles supported the Union of Concerned Scientists’ Clean Energy program and Power Ahead campaign in conducting literature reviews on U.S Climate Alliance states’ clean and renewable energy goals as they modeled equitable decarbonization pathways for these states to reach 100% renewable electricity penetration by 2050. He also compiled and annotated research on the public health impacts of

climate change and emissions and examples of how states determined their specific emissions reductions goals for the newly convened New Hampshire Ad Hoc Commission on Emissions.

- **Maria Paula Hernandez Fernandez, ’21 (Bioengineering); Rocky Mountain Institute, Washington, D.C.** Maria Paula spent the summer on the Industry Team at the Rocky Mountains Institute working mainly on two projects: COMET and ETI Australia. COMET aims to create a unifying carbon accounting framework based on emissions factors and ETI Australia aims to decarbonize the mineral sectors of Australian industry.

- **Kendall Matsumoto, ’22 (Earth Systems and Comparative Studies in Race and Ethnicity); Environmental Defense Fund, San Francisco, CA.** Kendall worked on the Western Water Team to launch a revolutionary, web-based platform known as “OpenET,” which makes evapotranspiration data (a key metric in water usage) widely accessible, low-cost, and trustworthy for users, farmers, and water managers across the Western United States. In addition to the OpenET project, she worked extensively on the Wester Water Team's newly-launched Diversity, Equity, Inclusion, and Justice cross-cutting team to helped shape a strategic framework for EDF’s groundwater work that authentically incorporated recognition of social, racial, and economic inequities.

- **Amal Priestly, ’21 (Earth Systems and Religious Studies); Environmental Defense Fund, San Francisco, CA.** Amal worked on a Corporate Pollution Accountability Tool which attempted to attribute air pollution to the trucking pollution of major companies’ supply and distribution pathways.

- **Angela Song, ’20 (Mathematics); Audubon, San Francisco, CA.** During her fellowship with the National Audubon Society, Angela used data analysis to help identify marine biodiversity hotspots and trends in bird count data.

- **Shikha Srinivas, ’21 (Environmental Systems Engineering); U.S. Green Building Council, Washington, D.C.** Shikha assisted with research and development for the Arc platform, which provides data analytics on energy, waste, transportation, water, and the occupant experience for buildings. Alongside her co-intern, Juliana, she analyzed alternative transportation metrics, compared re-occupancy strategies for workplaces in light of COVID-19, and designed a sustainability assessment for organizations.

- **Ryan Treves, ’22 (Earth Systems); Natural Resources Defense Council, Washington, D.C.** Ryan worked for the Natural Resources Defense Council as a part of the Energy Efficiency for All program. He led the group’s efforts to track the fast-changing utility regulation landscape during COVID-19 and helped lay groundwork for a utility democratization campaign.

Graduate Students

- **Laura Anderson, ’21 (Earth Systems, Environmental Communication); Environmental Defense Fund, Raleigh, NC.** Laura joined the EDF Oceans team as a climate mitigation intern. During the

summer, she worked on a collaborative report exploring the potential of blue carbon ecosystems to mitigate climate change.

- **Lea Beylot-Lacroix, ’21 (Sustainable Design and Construction- Energy); Environmental Defense Fund, San Francisco, CA.** Lea worked at the Environmental Defense Fund (EDF) on building electrification and decarbonization in California. She helped implement a $120M program to encourage the transition from gas appliances to efficient electric appliances.

- **Nathaniel Buescher, ’20 (Civil Engineering); Rocky Mountain Institute, Boulder, CO.** Nathaniel Buescher contributed to Rocky Mountain Institute’s Sustainable Energy for Economic Development (SEED) program as a Schneider Fellow. Over the summer, he developed recommendations for how a Nigerian electricity utility could aggregate large commercial customers into portfolios for distributed energy resources. He also developed a conceptual design of a software platform where customers can procure energy from developers.

- **Noah Dewar, ’21 (Environmental Geophysics); World Resources Institute, Washington, D.C.** Noah joined the Water team at World Resources Institute (WRI) in Washington D.C. He worked on a number of projects related to water-related risk and global armed conflict prediction with machine learning for the Water, Peace, and Security partnership of which WRI is a member.

- **Jill Horing, ’23 (Management Science and Engineering); Natural Resources Defense Council, Washington, D.C.** – currently completing fellowship experience

- **McKenzie Hubert, ’21 (Chemical Engineering); Environmental Defense Fund, San Francisco, CA.** McKenzie joined the Vehicle Electrification team at the Environmental Defense Fund, which is working to accelerate the transition of commercial trucks to zero emission technology. She researched the environmental and social issues associated with Li-ion batteries in electric vehicles and identified opportunities for EDF to promote sustainability in battery manufacturing and waste management. She also researched hydrogen fuel cell vehicles to inform the team of market opportunities and barriers in medium- and heavy-duty trucking.

- **Luke Liechty, ’21 (MS in Engineering, Design Impact); Rocky Mountain Institute, Basalt, CO.** During his time working on the India Mobility Data initiative at the Rocky Mountain Institute (RMI), Luke was responsible for researching, developing, and authoring a paper on the future of data-driven mobility solutions in Bangalore, India. Through extensive research and the synthesis of insights pulled from numerous stakeholder interviews, Luke designed the framework for how Bangalore can aggregate and disseminate mobility data to solve its crippling traffic congestion and air pollution problems.

- **Manisha Rattu, ’20 (Earth Systems); Natural Resources Defense Council, San Francisco, CA.** Manisha employed her interdisciplinary skills and passion for equity and justice to help the NRDC Climate Challenge with their efforts to center equity in upcoming frameworks, particularly frameworks that will guide cities in their building efficiency and decarbonization priorities.