

Liana Smale

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EDUCATION

Yale School of the Environment, New Haven, Connecticut Aug. 2021 – Present
Master of Environmental Science (MESc) candidate
Expected graduation: May 2023

University of Michigan (dual degree), Ann Arbor, Michigan Aug. 2016 – May 2020
Program in the Environment BA – *high distinction*
Stamps School of Art and Design BFA – *cum laude*
GPA: 3.88

Danish Institute of Study Abroad (DIS), Copenhagen, Denmark May – Aug. 2018
Two courses: Sustainability, Graphic Design

WORK EXPERIENCE

Yale University

- **Yale Center for Environmental Justice – Brooklyn Botanic Garden**, New Haven, CT Sept. 2022 – Present
Environmental Justice Community Fellow
 - Collaborating with the Brooklyn Botanic Garden to increase the diversity and inclusion of their internship and to understand the broader landscape of horticulture workforce development in New York City.
 - Developing Qualtrics surveys and conducting research to be presented in a final report.
- **UPROSE**, Remote from New Haven, CT August 2022 – Present
Student Consultant
 - Collaborating with UPROSE through a Yale School of the Environment / Yale Law School clinic course to operationalize a Just Transition to renewable energy in Sunset Park, Brooklyn in New York City.
 - Developing strategies for community-led green infrastructure and workforce development, creating circular economy flowcharts for renewable energy, and researching solar capacity of large buildings in Sunset Park.
 - Translating research and reasoning into written and oral communication products through memos and policy recommendations, which will result in Sunset Park, Brooklyn becoming a replicable model of a green industrial waterfront community.
- **Hixon Center for Urban Ecology**, New York, NY Sept. 2021 – Present
Hixon Student Research Fellow
 - Awarded a \$7,000 Hixon Student Research Fellowship to conduct my Master’s thesis research that is advised by Dr. Dorceta Taylor at Yale University, along with researchers at the USDA Forest Service New York City Urban Field Station.
 - “Environmental Justice in Urban Green Space Governance: A Case Study of Three New York City Parks” consists of: conducting interviews, surveys, and participant observation, along with coding interviews and visualizing a collaborative network analysis to explore the social-ecological system of parks in the Bronx in New York City.
 - Accepted to present at three conferences or brown bag events.
- **Justice, Equity, Diversity, and Sustainability Initiative**, New Haven, CT Aug. 2021 – May 2022
Research Associate
 - Collaborated with Dr. Dorceta Taylor and research associates on food access research, which will result in a published research paper that challenges the common

definition of a food desert.

- Wrote a literature review on the Greater Detroit Area; cleaned data on food access in Boston, Massachusetts.
- Analyzed data with ArcGIS and Excel.
- Performed data cleaning with attention to detail to ensure that the team adhered to a strict methodology.

University of Michigan

- **Great Lakes Integrated Sciences and Assessments (GLISA), Ann Arbor, MI** Oct. 2020 – Aug. 2021
Designer
 - Provided written communication to the general public and to potential partners in the form of impact stories about the work done by GLISA, a NOAA Regional Integrated Sciences and Assessments (RISA) team.
 - Improved GLISA’s visual communication by creating Adobe InDesign templates and Adobe Illustrator infographics for various reports.
 - Accepted to present at three conferences or brown bag events.
- **Univ. of Michigan Digital Fabrication Studio, Ann Arbor, MI** Sept. 2019 – May 2021
Design Assistant
 - Taught undergraduate students how to use 3D printers, laser cutters, and CNC machines and helped them work through challenges on their projects.
- **Stamps School of Art and Design Summer Program Student Ambassador** June 2020 – Aug. 2020
Student Mentor
 - Interacted with prospective University of Michigan students, participated on a panel, and presented my design work to prospective students.
 - Discussed creative problem solving and communication strategies through design.

PUBLICATIONS AND PRESENTATIONS

- **Elsevier Urban Transitions Conference, Session Chair/Oral Presenter, Sitges, Spain** 2022
 - Acted as session chair for two sessions, facilitating questions and introducing speakers.
 - Presented my master’s thesis as part of a “Justice in Planning” session at the international conference.
- **New Horizons in Conservation Conference, Poster Presenter/Conference Assistant, Remote** 2022
 - Presented a group poster during the conference about our research and data analysis methodology in the JEDSI Lab on food access in Boston, Massachusetts.
 - Developed designs of the conference slides and sponsor thank-you slides, coordinated poster judges, and fed audience questions to moderators during the conference.
- **Yale College Class of 1964 Reunion, Panel Member, Remote** 2022
 - Participated on a student panel to speak to members of the Yale College class of 1964 about my thoughts on the current focuses of environmental researchers and professionals.
- **Vanderbilt University STEM + Art, Panel Member, Remote** 2021
 - Participated on a panel to speak to STEM-motivated high school students in the School of Science and Math at Vanderbilt about my experience combining science and art/design.

VOLUNTEER EXPERIENCE

- **Various Urban Green Spaces** Aug. 2019 – Present
Volunteer

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- Volunteer at various urban green spaces (parks, gardens, urban farms) in whichever city I am currently living (Ann Arbor, New Haven, and New York City).

Leslie Science and Nature Center, Ann Arbor, MI

Sept. 2018 – Mar. 2020

Volunteer

- Educated the local community about wildlife conservation through care of reptiles and owls.
- Provided care for the animals and logged the work completed in a shared spreadsheet.

AWARDS AND FELLOWSHIPS

Hixon Student Research Fellowship, *Fellow*

2022

- One of five Yale master's students awarded a 2022 fellowship from the Hixon Center for Urban Ecology at the Yale School of the Environment to fund my master's thesis research

Justice, Equity, Diversity, and Sustainability Initiative (JEDSI) Fellowship, *Fellow*

2021 – 2022

- Received a fellowship to conduct research in Dr. Dorceta Taylor's lab at Yale University

Integrative Project Written Thesis Award, *Award Recipient*

2020

- Awarded to the graduating Stamps School of Art and Design senior with the best written thesis for the Integrative Project senior thesis course

University of Michigan James B. Angell Scholar, *Award Recipient*

2019, 2020

- Awarded to students who received an "A" record in all courses for two or more consecutive terms

SKILLS AND ACTIVITIES

- *Data Analysis and Visualization*: ArcGIS Pro, Qualtrics
- *Graphic Design*: Adobe InDesign, Adobe Illustrator, Adobe Photoshop
- *3D Prototyping*: 3D printing, laser cutting, CNC ShopBot, Rhino, Fusion360
- *Video*: Adobe Premiere, DSLR photo/video
- *Activities*: Yale University Intramural Volleyball; Yale School of the Environment Title IX Working Group; University of Michigan Intramural Volleyball