

Orven Froie A. Mallari

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Education

University of Michigan | Ann Arbor, MI – Ph.D. in Anthropology, August 2022 -
Yale University | New Haven, CT – B.S. Environmental Engineering, May 2021. GPA: 3.52
Stanton College Preparatory School | Jacksonville, FL – High School IB Diploma, 2017

Academic Experience

Bulosan Intern, Bulosan Center for Filipino Studies | UC Davis Asian-American Studies Dept. –
– Nov. 2021-June 2022

- Planning and executing original research on environmental justice topics in the Philippines and its relationship with the Filipinx diaspora.

STARS II Fellow with Professor Julie Zimmerman | Yale Department of Environmental Engineering, New Haven, CT — Sept. 2019-June 2021

- As part of the Science, Technology, and Research Scholars II Program, performed research analyzing (1) cytotoxicity in carbon-based nanomaterials and (2) selective sorption in hematite nanomaterials against arsenic-tainted water supplies.

Summer Startup Project Specialist, Grantas Cosmetics | Tsai Center for Innovative Thinking @ Yale — April 2020-August 2020

- Analyzed possible manufacturers for Grantas products on their commitment to sustainability throughout the product's life cycle, designing new packaging methods for compostable cosmetic products
- Created a blog illustrating various environmental issues pertinent to the cosmetics industry

Research Assistant with Professor Desiree Plata | Massachusetts Institute of Technology, Dept. of Civil and Environmental Engineering, Cambridge, MA — May-August 2019

- Contributed to a project on sustainable carbon nanotube synthesis by looking for fundamental discoveries in the bond-building mechanisms that occur during graphene synthesis
- Engineered a system that safely performs chemical vapor deposition in ambient conditions outside of a chemical hood

STARS Summer Fellow with Professor Nilay Hazari | Yale University Department of Chemistry, New Haven, CT — May 2018-August 2018

- Developed a project on finding new pathways in Suzuki-Miyaura coupling, specifically using benzyl benzoate's as a novel nucleophile
- Co-authored a final paper presented at the Science, Technology, and Research Scholars Summer Conference

Publications and Presentations

“Green Dreams, Aeta Nightmares: Green Grabbing Practices in New Clark City, Philippines”. Yale Undergraduate Research Journal, vol. 2, issue 2.

“Nano-Hematite Selectivity in Oxo-Anion Adsorption”. Science, Technology, and Research Scholars II Symposium, May 2021 [online].

Work and Volunteer Experience

Tutor, Homework Hotline | New Haven Public Schools, Oct. 2020-June 2021

- Taught K-12 students attending Title I public schools on their weekly homework, in an effort to relieve inequalities in the transition to online learning this school year.

Residential College Distribution Assistant | Pierson College of Yale University New Haven, CT, Aug. 2020-Dec. 2020

- Administered incoming and outgoing mail for Pierson College, while creating and following protocol adhering to the university’s COVID-19 policies.

Co-Curricular Involvement

Michigan Anthropology Grad. Students: Faculty Meeting Student Rep., August 2022 – present
Anthropology Undergraduate-Graduate Mentorship Program: Mentor, September 2022 – present
Kasama, the Filipino Club at Yale: Co-President, Dec 2018-Sept 2020; Secretary, Dec 2017-Dec 2018. *Led board meetings and facilitated discussions regarding the Filipinx and Filipinx-American community at Yale; organized and emceed several sociocultural events such as Barrio Fiesta; collaborated with other affinity groups in event planning and political solidarity; integrated alumni networks into primary affairs.*

WYBCx Yale Radio: Radio DJ & Co-Host, Jan 2019-September 2021

Project Bright: Re-Volv Team Solar Ambassador, Sept. 2019-May 2020

jookSongs Spoken Word Group: Performer, Sept. 2018-Jan 2020

Immigrant History Project: Curriculum Contributor, Sept 2019-May 2020

Languages and Skills

Tagalog (fluent speaker, reader, and writer)

Kapampangan (fluent speaker, reader, and writer)

French (adequate reading and writing ability)

Japanese (basic reading ability)

Sustainable Design Thinking (AutoCAD, Life Cycle Analysis)

Scientific Instrument Design and Repair

Online Remote Technologies (Zoom, G Suite, Google Docs, Google Slides)

Microsoft Office (Word, Excel, Powerpoint)