# Grace V. Santos

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**Objective**

I am recent graduate from University of California, Berkeley and currently work as an APHL - CDC fellow the New Hampshire state public health laboratory focused on pursuing environmental health and biomonitoring research. I am eager to apply my experience to a research graduate program in the field of Environmental Health Sciences.

**Education**

**University of California, Berkeley | Berkeley, CA** *Graduated May 2022*

B.A. in Chemistry, Minor in Toxicology

**Experience**

**New Hampshire Public Health Lab | Concord, NH** *July 2022 – Present*

***APHL – CDC Environmental Health Fellow / Biomonitoring***

* Validating of CDC method for analyzing PAH metabolites in urine on a LC-MS/MS
* Planning the logistics of an air quality surveillance community science project
* Training on 4 additional Biomonitoring methods using an ICP-MS and LC-MS/MS

**Bowles Agroecology Lab | Berkeley, CA** *June 2021 – June 2022*

***Lab Operations Manager / Environmental Science, Policy & Management***

* Pioneering experimental protocols to contribute to graduate student research
* Acting safety coordinator involving general lab oversight and proper hazardous waste disposal
* Improving lab sustainability and efficiency through recycling programs and partnering with eco-conscious companies
* Supervising undergraduate researchers and maintaining adequate supplies

**Bowles Agroecology Lab | Berkeley, CA**

***Undergraduate Research Assistant / Environmental Science, Policy & Management*** *August 2020 – June 2021*

* Performing various chemical and geological procedures to contribute to graduate student research
* Maintaining overall lab cleanliness and organization

**Leadership \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Berkeley Engineers and Mentors (B.E.A.M) Club | Berkeley, CA** *August 2021 – May 2022*

***Site Leader and Mentor Development Committee Member***

* Leading a group of 3 peers in teaching STEM focused lessons to local elementary school students with limited access to science curriculum
* Growing mentorship of BEAM members through presentations and activities centered on teaching and personal growth

**Publications & Presentations \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Waterhouse, H. Esquivel, K﻿.E., Libbey, K. Thompson, J. Santos, G.V., and Bowles, T.M. *Nitrogen Cycling and Provisioning across a Gradient of Soil Health Management in Organic Farming Systems* [Conference Presentation]*.* ASA, CSSA, SSSA Annual Meeting. 2021

Santos, Grace. “Berlin Study Plan & Updates.”BiomonitoringNH Bi-Annual Technical Advisory Committee (TAC) Meeting, September 29, 2022. Microsoft PowerPoint presentation.

**Awards**

**Cal Grant Competitive Award Recipient** *Fall 2020 & Spring 2021*

**Certificate of Achievement in IGETC** *Spring 2020*

**Presidential Academic Recognition Scholarship** *Fall 2018 & Spring 2019*