

KELLY ANN HARVELL

Undergraduate Bioengineering Student

Current college freshman at Stanford University seeking meaningful research opportunities in planned field of study, bioengineering. Publication experience, reliable employment history, and ability to grasp new concepts quickly.

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EDUCATION

Graduated Monterey High School, Monterey, CA in May 2020
Stanford University, Stanford, CA

SAT/College GPA: 1550 / 3.96

Expected Bachelor's Graduation Date: June 2024

WORK EXPERIENCE

De la Zerda Lab, Department of Structural Biology at Stanford School of Medicine Stanford, California
Life Science Research Assistant, approx. 10 hrs/week, Nov. 2020 – current

- Processing scanned histology and OCT imaged samples of cancerous skin cells remotely using MATLAB

Starbucks Corporation Marina, California (Store #24503)

Barista, approx. 25 to 35 hrs/week summer & school breaks, 15 hrs/week school yr, Jun. 2020 – current

- Efficiently sequenced drinks at a high volume cafe and drive through Starbucks location

Politzer + Politzer, PC Carmel-by-the-Sea, California

Administrative Assistant for Public Accountant, 4 hrs/week, Feb. 2019 – Mar. 2020

- Assembled tax returns, assisted with office organization, & performed minor accounting

Superior Court of California, County of Monterey Salinas, California

Intern for Honorable Judge Carrie Panetta, approx. 7.5 hrs/week, May 2019 – July 2019

- Observed court proceedings & wrote legal memorandums relating to current trial topics

EXTRACURRICULAR ACTIVITIES

BIOME Member on the Public Domain Protein Project, Sept. 2020 – current

- Reengineering protein sequence of Endoglucanase strain with biocomputational tools
- Providing new sequence as public domain for other research projects involving cellulase enzymes

Doctors Without Borders Member on Fundraising Team, Stanford Chapter, Sept 2020 – current

- Collaborating with team to organize virtual action hours, fundraising, and documentary screening events

Scientific Article Publication on Marine Microbiology in Journal of Emerging Investigators, 2020

- Researched effects of ocean acidification on marine health in Monterey Bay in 2018–2019 school year and published scientific manuscript based on findings at <https://www.emerginginvestigators.org/articles/effects-of-ocean-acidification-on-the-photosynthetic-ability-of-i-chaetoceros-gracilis-i-in-the-monterey-bay>

VOLUNTEER & COMMUNITY OUTREACH

Cardinal Free Clinics Volunteer, Pacific Free Clinic, approx. three 8 hr shifts/quarter, Jan 2021 – current

- Serving in administrative Front Desk role at Pacific branch to broaden access to affordable care

Cypress Community Church Volunteer, approx. 200 hrs/yr (828 total service hours), 2016–2020

- Volunteered as children's ministry Jr. leader and camp counselor for children age 0–12
- Assisted in general volunteering for church events, including food service, decoration setup, hospitality, homeless outreach, renovations, and COVID–19 produce box delivery