

[REDACTED] 3 | [REDACTED] | [REDACTED], SA

Personal Profile:

Determined college graduate who has a passion for environmentalism and intends to continue research in conservation and educate local communities on sustainable practices.

Technical and Field Skills:

- Experience working with rare and endangered plant species such as Encinitas Baccharis and Orcutt's Hazardia by conducting focal observations for San Diego Pollinator Monitoring Program (SDPMP).
- Basic GIS skills from GIS mapping in ENVS 210 Research Methods class and collecting focal observation data for San Diego Pollinator Monitoring Program (SDPMP).
- Ability to navigate and use Microsoft and Google workspace for data intake from SDPMP and collecting visitor data for San Diego Botanic Garden Welcome Center (SDBG WC).
- Knowledge of InVEST deep learning technology for pollinator data collection under ESIP Pollinator Project.

Personal Skills:

- Public service and teamwork skills from collaborating with local San Diego residents for Earth Day as Kate Sessions Commitment intern.
- Experience in educating and assisting community members with basic plant care and knowledge at SDBG WC Plant Shop.
- Involvement in collaborating with other student researchers and working as a team to create data pulls and semester reports for SDPMP.
- Passion for the environment through teaching communities in San Marcos (CSUSM Sustainability Garden) and Oceanside (Community Roots Farm) about the importance of being connected to the environment.

Education:

- California State University, San Marcos. Major in Environmental Studies (ENVS), Minor in Anthropology. Graduation Date: May 2023, GPA: 3.6
- West-Mec Veterinary Program. Phoenix, AZ Graduation Date: May 2019, GPA: 4.0

Employment:

- San Diego Botanic Garden Encinitas, CA 2/1/23-present:

Visitors Services Associate

Responsibilities include: greeting and checking in visitors, managing visitor data through various POS systems, responding to emails and phone calls, checking inventory, managing memberships, having a basic understanding of botany in the San Diego area, and assisting visitors at the plant shop.

Research Experience:

- San Diego Pollinator Monitoring Research Program Encinitas, CA 02/01/2021-Present:
Co-Manager, Monitor

Responsibilities include: monitoring native plants, identifying pollinators, attending monthly meetings, assisting colleagues, and helping create a report every semester.

- ENVS 210 Research Methods Class, Spring 2021: Created group research proposal on Tijuana River Media Bias

Responsibilities include: combining both environmental research and mass media research to create a proposal aimed to define media bias of the Tijuana River crisis.

Internships:

- Kate Sessions Commitment San Diego, CA 11/18/21-12/10/23: Communications Intern

Responsibilities include: educating the public on the importance of trees through social media and utilizing Canva for infographic posts, collaborating with San Diego community members to host an Earth Day event, and creating a tree gallery for the San Diego public.

- ESIP Pollinator Project San Diego, CA 11/12/23-1/1/24: Remote Intern

Responsibilities Include: evaluating impact of wildfires using InVest ecosystem services software, utilizing deep learning technology to detect pollinator activity and collecting data to provide resource managers with more information regarding conservation practices.

Awards and Nominations:

- 2023 CHABSS Dean's Outstanding Student Award

Awarded 05/2023. Nominated by ██████████ for exemplary academic and field work for CSUSM's ENVS Program.

- Dean's List Award Spring 2020-Spring 2023, 6 semesters with an average of GPA 3.5 or higher.

Community Service:

- Community Roots Farm 03/2023-Present

Member since 2023, worked alongside other students to learn how to practice organic farming in smaller urban communities. Learned how to compost, grow native California plants, and understand the use of seed archives.

- CSUSM Sustainable Food Project Garden Cleanup 03/2021-09/2021

Member since 2021, assisted in garden cleanups at CSUSM's Sustainability Garden.

- CSUSM Fresh Market Mondays 08/2019-03/2020

Member since 2019, volunteered to distribute free food to college students.



California State University SAN MARCOS

[REDACTED]
Environmental Studies Program
Biology Department
California State University San Marcos
333 S Twin Oaks Valley Rd.
San Marcos, CA 92096

7 March 2023

To Whom It May Concern;

It is my great pleasure to recommend [REDACTED] has been my student in several classes, both lower and upper division, over the past two years and she consistently ranked in the top 5%. [REDACTED] demonstrates attention to detail and focus, combined with insightful analysis.

I have reviewed [REDACTED] work individually and in group projects. Her individual work is of the highest quality, showing an ability to master complex concepts and apply them to real life situations. In groups [REDACTED] is a skilled collaborator, going beyond what is required and taking on extra tasks as needed. I always find [REDACTED] pleasant, professional and positive, with a helpful attitude toward her peers.

Based on her excellent performance in classes, I invited [REDACTED] to join my research group in early 2021. She immediately proved herself to be an invaluable researcher and team member.

Our research is a longitudinal observational survey of pollinator networks in Coastal Sage Scrub, and [REDACTED] showed her dedication and understanding as she quickly completed her training. She is able to grasp the "big picture" goals of research while attending to the data collection and analysis with accuracy and consistency. She combines effective communication and strong writing skills with a solid technical understanding as she utilized GIS tools to collect, store and analyze our data.

In a short few months [REDACTED] showed appropriate skill and commitment to be promoted to trainer, teaching new student researchers how to monitor transects. When we launched a new site at the San Diego Botanic Garden (SDBG) in Encinitas, [REDACTED] was my first choice to co-lead the project. She and her partner created new transects and worked with the SDBG Conservation Department staff to establish protocols. In addition to performing regular focal observations, last summer [REDACTED] worked with our new team to develop and test camera traps for insect pollinator surveys of the rare plant *B. vannesae*. It was no surprise to me that [REDACTED] was eventually offered a staff position at SDBG, given the motivation, reliability and team work she demonstrated.

[REDACTED] has been an asset to my classes, my research group, and our campus, and I'm sure she will contribute to the community and her field in the future. I look forward to watching [REDACTED] progress as she is a talented and caring person who will go far. Please contact me for any further information at [REDACTED]

Sincerely,
[REDACTED]