

Jane Corsair

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EDUCATION

Associate of Arts, General Science

Santa Monica College, Santa Monica, California
Transfer Major: Environmental Science

To be Conferred June 2024
GPA: 3.6

- Relevant Coursework: Organismal and Environmental Biology; Cell Biology and Evolution; Organic Chemistry
- Campus Involvement: STEM Program, Student Clubs (Earth Science)

SKILLS

Field Work: Data Collection and Presentation; Observation (Bird Watching, Camera Trapping); Sampling Methods (Transect Making); Soil and Water Testing Methods; Quantitative Research; Mapping (Sound, Habitat)

Lab: Experience with Precision Balance Weighing, Sterilizing, Titrating, and Preparing Media; Utilizing Light and Compound Microscopes, pH Meters, Incubators and Volumetric Glassware, and Centrifuges

Animal Knowledge: Injured Wildlife Handling; Animal Feeding and Cleaning; Drug Administration and Wound Cleaning

Software Skills: Proficient: Microsoft Office Suite (Excel, Word, PowerPoint); Google Workspace (Docs, Sheets, Slides)

FIELD WORK EXPERIENCE

Science Intern

Friends of Ballona Wetlands, Playa del Rey, California

September 2022 – March 2023

- Identified and removed invasive vegetation from local ecosystem
- Assisted with the implementation of vegetative management practices, including planting native plants
- Created line transects for plant sampling
- Observed, measured, and recorded data gathered from plant sampling within transects into Microsoft Excel
- Assisted with the organization of the biannually native plant sale

Animal Caretaker Volunteer

OC Wildlife Hospital, San Rafael, California

August 2019 – March 2020

- Performed daily feeding and cleaning regimens for injured and recovering wildlife (raptors, reptiles, songbirds, waterfowl, and small mammals)
- Ensured animal living arrangements are met using proper heat lamps, water features, and fresh foliage
- Prepared operating rooms including gathering supplies and cleaning any tools and surface areas
- Assisted in oral, intramuscular, and intravenous drug administration in birds and small mammals
- Aided in surgical preparation including restraining and anesthetizing animals
- Managed and trained over 10 new volunteers on animal care
- Assisted caretaker staff in the release of over 500 animals to their natural habitat

RELEVANT COURSEWORK AND LAB EXPERIENCE

Independent Studies - Organic Chemistry

Laboratory of Dr. Jamey Anderson, Santa Monica College, Santa Monica, California

February 2023 – June 2023

- Ran a variety of 1D/2D NMR experiments (COSY, Multiple Bond Correlations, Heteronuclear Correlation, Spin-Spin Correlation, D2O Shake) using JEOL NMR

Organismal and Environmental Biology

Santa Monica College, Santa Monica, California

February 2023 – June 2023

- Identified and discussed the anatomy, ecological function, and life cycles of nonvascular, seedless vascular, nonflowering, and flowering plants

Principles & Practice of Scientific Research

Santa Monica College, Santa Monica, California

February 2023 – June 2023

- Led group research on the ion content in water samples from the Ballona Wetlands
- Performed chemical experiments and analyzed qualitative results in Microsoft Excel
- Expressed results and findings in the form of a research paper and campus presentation to coincide research

Cell Biology and Evolution

Santa Monica College, Santa Monica, California

August 2022 – December 2022

- Designed experiments using the scientific method to collect, analyze, and interpret data
- Wrote lab reports using the standardized format for publication in scientific journals