

Jennifer Koester

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EDUCATION

Bachelor of Science, Marine Science – Biology

Graduation May 2019

Minor: Coastal Management

GPA: 3.77

Eckerd College, St. Petersburg, FL

HONORS AND AWARDS

- Ford Apprentice Scholar
 - Senior Thesis Student
 - Eckerd College Presidential Scholarship
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RESEARCH EXPERIENCE

Independent Researcher

September 2017 – Present

Eckerd College, St. Petersburg, FL

- Conducting literary reviews and gathering scientific journals to support the research process
- Designing research project comparing data from two different salmon farm sites with varying environmental constraints
- Gathering input/output data from a salmon farm in British Columbia
- Analyzing data using SimaPro software through a life cycle analysis
- Disseminating results in a written report intended for publication, guest lecturing for undergraduate “Green Design” courses
- Presenting research as thesis defense

Research Assistant

August 2016

Eckerd College, St. Petersburg, FL

- Surveyed mangrove tree species in Cockroach Bay, FL
 - Studied mangrove forest establishment over time
 - Ran transects with tree counts and measured large specimen using diameter at breast height
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ACADEMIC TEACHING EXPERIENCE

Chemical and Physical Oceanography Teaching Assistant

January 2019 – Present

Eckerd College, St. Petersburg, FL

- Co-leading class sessions, data collection, and fielding questions for 15 students
- Preparing equipment and glassware for weekly experiments
- Assisting in data collection, safety procedures, and teaching during a local research cruise
- Providing assistance with Microsoft Excel as needed
- Grading lab reports or assignments in a timely manner

Principles of Ecology Teaching Assistant

August 2018 – December 2018

Eckerd College, St. Petersburg, FL

- Prepared equipment and assisted in laboratory class sessions for 20 students
- Co-led data collection for weekly experiments or field work, fielding any relevant questions

- Provided data analysis and Microsoft Excel workshops as needed
- Analyzed, transformed, or reformatted class data in a timely manner

Microeconomics of the Environment Teaching Assistant

August 2017 – May 2018

Eckerd College, St. Petersburg, FL

- Offered biweekly tutoring sessions for students
 - Communicated clearly when tutoring groups of 20-30 students
 - Organized study sessions before exams
 - Graded weekly homework assignments in an efficient and timely manner
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WORK EXPERIENCE

Office of Sustainability Intern

August 2018 – Present

Eckerd College, St. Petersburg, FL

- Implementing sustainability initiatives on campus
- Overseeing student projects and organizing "Eco-Reps" club meetings
- Managing social media accounts for the Office of Sustainability and "Eco-Reps"
- Planning campus events such as Arbor Day and Earth Day

Teen Learning Lab Assistantship

June 2018 – August 2018

John G. Shedd Aquarium, Chicago, IL

- Developed weekly schedules for 6 interns
- Designed curricula for teambuilding, science literacy, and career readiness
- Managed drop-in appointments
- Assisted students with writing protocols for new projects

Intern

December 2016 – January 2017

School and Community Assistance in Recycling and Composting Education (SCARE), Glen Ellyn, IL

- Completed short-term internship with the environmental nonprofit SCARCE
- Wrote online content to promote events
- Lead volunteer groups and represented SCARCE
- Co-lead educational environmental workshops for various age groups

Great Lakes and Sustainability Assistantship

June 2016 – August 2016

John G. Shedd Aquarium, Chicago, IL

- Assisted with planning and executing Great Lakes Action Days such as beach sweeps, invasive species removal, and native species monitoring
 - Managed volunteers in the field, pre-activity communications, and logistics planning
 - Prepared and organized materials and supplies necessary for programs such as waivers, data sheets, clipboards, and field equipment
 - Assisted in research and writing for social media and blog posts
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VOLUNTEER EXPERIENCE

Director of Environmental Responsibility August 2018 - Present

Eckerd College Organization of Students (ECOS) Eckerd College, St. Petersburg, FL

- Managing and distributing a \$6,000 budget to campus and community environmental projects
- Interviewing and appointing passionate individuals to form the committee
- Collaborating with committee members to solve campus environmental problems

Lead Peer Mentor August 2017 - April 2018

Center for Academic Excellence, Eckerd College, St. Petersburg, FL

- Led training for 20 peer mentors
- Developed workshops on emotional mentorship and handling conflict
- Assisted 6 peer mentors with mentoring responsibilities throughout the school year

Peer Mentor August 2016 - April 2017

Center for Academic Excellence, Eckerd College, St. Petersburg, FL

- Developed interpersonal relationships with 22 first year students at Eckerd College
- Maintained an accessible and visible presence to students
- Identified students needing assistance
- Mitigated issues through problem-solving, crisis intervention, or referring students to other campus resources
- Served as a reference for students wanting to join campus organizations

EXTRACURRICULAR EXPERIENCE

- Director, ECOS Environmental Responsibility Committee, 2018- Present
- Committee Member, Environmental Responsibility Committee, Eckerd College, 2015-2018
- Committee Member, Eckerd Campus Farm Working Group, Eckerd College, 2018
- Committee Member, Sustainable Food Service Committee, Eckerd College, 2016-Present
- Board Member, Culinary Relations Board, Eckerd College, 2015-2018

PROFESSIONAL MEMEBERSHIP

- The Oceanography Society
- Mathematical Association of America

CERTIFICATIONS AND TRAINING

- SimaPro Training, Eckerd College, August 2018-Present
- Arc GIS Training, Eckerd College, August-December 2018
- SSI SCUBA Open Water Certification, Gulfport Dive Shop, April 2016
- Conversational French Training, Eckerd College, August-December 2015