

Jessica Klinkam

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EXPERIENCE

Restoration Science Intern — *Partnership for the Delaware Estuary*

May 2022 - Present, WILMINGTON, DE

- Assist with day-to-day management of on-going restoration projects including the Growing Greener oyster shell recycling program
- Conduct marsh and estuarine field work using a RTK
- Track deliverables and maintain project timelines

Undergraduate Research Assistant — Virginia Institute of Marine Science: *Coastal & Estuarine Ecology Lab, Crustacean Disease Lab*

December 2020 - Current, GLOUCESTER POINT, VA

- Independently developed and documented a non-invasive methodology to estimate lobster fecundity using ImageJ/FIJI
- Conducted field work using trawl nets, fyke nets, transect/quadrat work, snorkeling, and shallow-water core sampling on the Chesapeake Bay
- Completed sample processing of seagrass samples and marine invertebrate identification
- Supported team goals by often arriving early, working irregular/long hours and weekends

Undergraduate Intern — *MarineOmics Working Group*

January 2021 – May 2021, REMOTE

- Collaborated with others to conduct a comprehensive literature review of more than 1,000 scientific papers
- Independently analyzed and visualized collected data using R-Studio to determine the current-state of reproducibility and research-transparency in the developing marine omics field
- Developed and presented a PowerPoint of the results and conclusion to a large group

EDUCATION & AWARDS

College of William & Mary — *Biology, minor in Marine Science*

August 2018 - May 2022, WILLIAMSBURG, VA

University Studies Abroad Consortium (USAC) — *Tropical Ecology, Sustainable Development: Women & The Environment, Intermediate Spanish*

August 2021 - December 2021, HEREDIA, COSTA RICA

SKILLS

- Organization, attention to detail, and time management
- Ability to conduct marine field work in difficult and varying conditions
- Promoting and practicing laboratory safety measures
- PADI Open Water Diver Certification
- Programs: ArcGIS Pro, R-Studio, ImageJ/FIJI, Excel, PowerPoint, Word
- Experience in GIS, marine ecology, conservation biology, and marine invertebrate biology

VOLUNTEER WORK

- **Undergraduate Teaching Assistant:** Worked with professor to provide academic and study support for a large undergraduate biology class
- **Virginia Aquarium:** Led and supported informal education programs for local youth scout groups
- **Virtual Learning Partners:** Mentored and tutored academically struggling local middle-school students