

Reena John

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PROFILE

A proactive volunteer and intern, with experience in both aquatic conservation and animal rehabilitation. Comfortable with navigating chaotic surroundings with a team. Research interests include studying mesophotic coral ecosystems to restore shallow coral reefs and observing the behavioral ecology of animals that cohabitate with endangered coral.

EDUCATION

UNIVERSITY OF MARYLAND, BALTIMORE COUNTY

Catonsville, MD

Bachelors of Science, Biology

August 2015-May 2019

- Minor in Psychology
- Phage Hunters Program
- General and Field Ecology, working with R Program and R Studio

EXPERIENCE

Mote Marine Laboratory & Aquarium- Sarasota, FL

March 2020 - November 2020

Intern

- **DISCLAIMER-** Accepted, but unable to attend due to COVID-19. Because of this, my mentors made the internship available to attend next year without having to reapply. Contact information of mentors can be provided upon request. Listed below is an idea of what my agenda would have been at the internship.
- Catch, tag, and release of injured adolescent/adult turtles and cetaceans.
- Cleaning/maintaining the water quality of tanks.
- Monitoring animal activity.
- Feeding, cleaning, and caring for animals.
- Assisting with medical procedures.

Potomac Pediatrics, Rockville, MD

December 2019 - Present

Medical Assistant

- Taking vitals of patients (height, weight, blood pressure, heart rate, and eye and hearing test).
- Administering vaccines to newborns, young children, teenagers, and adults (occasionally).
- Preparing, sending, and receiving medical records.
- Scheduling patients, running insurance/eligibility, and handling payments.

Dr. Tamara Mendelson, UMBC, Baltimore, MD

August 2018 to May 2019

Teaching Assistant (TA) for Ecology

- Mentored students in learning the concepts of ecology.
- Held office hours in which students could come be tutored.
- Proctored exams and assisted in grading exams and quizzes.
- Held and led group seminars in which students could review material and ask questions.

Phage Hunters, UMBC, Baltimore, MD

August 2018 to December 2018

Student/Intern

- Purified and isolated a *Siphoviridae* bacteriophage from a self-collected soil sample.
- Titrating and plating the titrations of the soil samples the samples to isolate a singular bacterium.
- Running gels and protein digests to identify and measure the isolated bacterium.
- Presented findings to both classmates and colleagues from the biology department.
- Entered findings onto NCBI (Accession MT310898), while co-authoring 5 additional entries.

Bonifant Veterinary Clinic, Silver Spring, MD

June 2014 - August 2016

Veterinary Assistant/Technician

- Administering vaccines to cats and dogs.
- Assisting vet in surgery: provided tools required, read oxygen levels, assisted in post-op care.
- Bathing and assisting in grooming dogs and cats.

PUBLICATIONS

Co-author of six bacteriophage genome NCBI entries (Accessions: MT310898, MK620900, MN284894, MN119376, MK686069, MK686070), **2018**.

ACTIVITIES

- **Volunteer- Baltimore National Aquarium** **August 2018- March 2020**
 - Observing, record keeping, feeding, and cleaning endangered sea turtles.
 - Administering oral medications, transporting, and observing sea turtles.
- **Tutor- UMBC** **September 2016-May 2019**
 - Tutored students in all biology (specifically ecology) related subjects.
 - Prepared abundant examples and practice materials to help teach students.
- **Volunteer- UMBC** **May 2016**
 - Presenting to students the human impact on the ocean and what we can do to fix it.
- **Organized weekly “Canoe and Scoop”** **March 2016-August 2016**
 - Launched program at UMBC with the Parks and Recreation Department in Baltimore.
 - Students could come out on weekends to clean Baltimore’s Inner Harbor on canoes.
- **Secretary- UMBC Crew Team** **January 2016- December 2016**
 - Managed team inventory and money in addition to advertising the club.
 - Designing and collaborating with SewSporty to create the team’s apparel.
- **Volunteer- UMMC Shock Trauma Center** **August 2015-January 2016**
 - Assist providers on duty with transport and care of patients.

ADDITIONAL SKILLS

- **Certifications:** CPR/AED & First Aid. Certified Veterinary Technician
- **Languages:** Fluent in English, Malayalam, Spanish. Conversational in Russian and Korean
- **Computer:** R, RStudio, Microsoft Office (Word, Excel, PowerPoint, etc.), and C Program
- **Instruments:** Has played violin for 18 years. Completed the Suzuki Method for the violin.