

# JAMIE CLARK

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## EDUCATION

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| <b>University of South Carolina</b><br><i>Bachelor of Science, Marine Science emphasis in Biology</i><br>GPA: 3.77 | May 2017 |
| <b>University of South Carolina</b><br><i>Master of Science, Marine Science</i>                                    | May 2018 |

## AWARDS RECEIVED

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- National Oceanic and Atmospheric Administration Ernest F. Hollings Undergraduate Scholarship Recipient – 2015-2017
- University of South Carolina Undergraduate Magellan Grant spring 2016
- University of South Carolina Marine Science Departmental Scholarship recipient 2016
- Maryland Saltwater Sport-fishing Association Scholarship recipient- 2013-2016
- Marine Technology Society Scholarship recipient- 2013, 2015

## RESEARCH EXPERIENCE

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**Dr. Daniel Speiser's Lab University of South Carolina** August 2015 – present

Accelerated Master's Student

- Writing grant proposals for independent graduate work
- Conducting research to investigate regeneration and protein expression of the eye of the Florida fighting conch (*Strombus alatus*)
- Maintaining specimens within recirculating aquaria

**NOAA National Marine Fisheries Service Beaufort, NC Laboratory** May- August 2016

Ernest F. Hollings Intern

- Characterized hawksbill sea turtle (*Eretmochelys imbricata*) size-at-age relationships and growth dynamics using skeletochronology
- Learned skeletochronology, necropsy, and small boat handling techniques
- Presented research at the Ernest F. Hollings Symposium

**Dr. Lori Ziolkowski's Lab University of South Carolina** January 2014 – May 2015

Research Assistant

- Interpreted liquid chromatograph and analyzed the output
- Assembled the laboratory for a new faculty member: performed maintenance, cleaned glassware, organized the laboratory materials, and educated self on use of the equipment

**National Aquarium in Baltimore**

May– August 2014

Intern in the Animal Programs Department [120 hours]

- Learned training techniques to reinforce good behaviors in the animals (juvenile bearded dragons)
- Presented animals to visitors such as a black headed python, yellow footed tortoise, and a shingleback skink to enhance visitors' experiences
- Created a project to enhance foraging behavior in the Sulfur Crusted Cockatoo

**Johns Hopkins Applied Physics Lab**

January - June 2013

Intern in the Aerosols Division

- Experimented with aerosolizing of *Pseudomonas fluorescens* and *P. syringae* to evaluate how much the bacteria grow in size or shrink in size due to water gain and loss

## ANALYTICAL SKILLS

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- Skeletochronology
- Trained in dissection and light microscopy
- Proficient with MatLab, R, Photoshop, Microsoft Word, PowerPoint, and Excel
- Liquid chromatography

## WORK EXPERIENCE

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### **Koger Center for the Performing Arts**

January 2016 - present

Usher

- Provide customer service and directions for attending patrons

### **University of South Carolina Green Quad**

August 2014 – May 2016

Resident Mentor

- Selected to lead Marine Science living community; provide academic support and promote involvement within the marine science department at the university
- Stay attuned to student behavior to proactively identify mental health concerns/suicidal behavior
- Implement and educate first year students on university policies and integrity by enforcing alcohol and drug policies as well as representing the Housing department

### **National Aquarium in Baltimore**

June 2010 - August 2011

Membership Salesman

- Marketed the Aquarium's membership program to visitors to increase numbers for the aquarium

## VOLUNTEER EXPERIENCE

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### **Omega Phi Alpha**

January 2015 - present

- Serve the university community, the community at large, sisters of the sorority, and nations of the world, by performing a variety of tasks such as preparing meals for Ronald McDonald House, cleaning up the Riverbanks Zoo, making cards for sisters abroad, helping organize donations for flood victims, and walking for Relay for Life; 30 hours/semester

### **National Aquarium in Baltimore**

June 2010 – present

Adult Volunteer

- Enhanced visitors' experiences at the aquarium by greeting and talking to them
- Informed visitors about the animals in the aquarium, conservation efforts, and rehabilitation action

## EXTRACURRICULAR ACTIVITIES

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- SEAS- Students Engaged in Aquatic Sciences (President 2015-present, Secretary 2014-15)
- Office of Fellowships and Scholarships Intern (spring 2015- present)
- SCUBA Club at USC (Sports Club Representative spring 2015)
- Omega Phi Alpha- Service Sorority (spring 2015- present)
- National Society of Collegiate Scholars (January 2014-present)
- Alpha Lambda Delta- National Honors Society for First Year Students (August 2013-present)

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MEMBERSHIPS-----International Sea Turtle Society, Maryland Saltwater Sport-fishing Association, Marine Technology Society

CERTIFICATIONS-----PADI Advanced Open Water SCUBA Certified, Hazardous Waste trained, Lab Safety trained

TRAVEL-----Costa Rica, Bermuda, East Coast of U.S.

INTERESTS-----Animals, traveling, basketball, networking