

# Rachel “Kai” Lopez

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## Summary of Qualifications:

- Undergraduate student at FIU trained as an FIU Scientific Diver to AAUS standards
- Experience working in a lab doing a wide variety of common analyses
- Experience writing for scientific purposes and doing self-driven research
- Extensive experience with boats and boat handling
- Reliable, hard working, and self-motivated
- PADI Open Water Scuba Instructor with over 1000 dives
- Emergency First Response Instructor (CPR/first aid) and trained as an Emergency Oxygen Provider for SCUBA diving injuries through DAN

## Work Experience

- Jan 2016- present    Lab technician at Florida International University Seagrass Ecosystems Research Lab
- Active participation in both field and lab work. I commonly run analyses for Carbon , Nitrogen, and Phosphorous content as well as prepping samples for stable isotope analysis.
- 2015-2016            Crew at Deco Divers (formerly RJ Diving Ventures)
- Performed rescues, cleaned and maintained vessel, loading and unloading the vessel, line work, anchoring, watch keeping, administrative duties, customer service
- 2015-2016            SCUBA Instructor at Grove Scuba

-Responsible for teaching classes, maintaining the shop, filling cylinders, making sales, organizing large events, telephone and email communications, IT services, etc.

2011-present      Liaison at Princess Cruises

2013-2015      Crew at RJ Diving Ventures

-see description under Deco Divers

### **Awards**

- Second place for best poster at 2016 Gulf Estuarine and Research Society Conference

### **Professional Certifications**

- Trained as an FIU Scientific Diver through AAUS
- PADI Open Water SCUBA Instructor
- PADI Emergency First Response Instructor
- Provider for Emergency Oxygen for Scuba Diving Injuries as well as Basic Life Support: CPR and First Aid through DAN
- Boater Safety Education Certification (Florida)

### **Languages Spoken**

Fluent in both English and Spanish

### **Education**

2014-present      Bachelors in Marine Biology at Florida International University  
Honors College [in progress]

2014      Graduated Miami Beach Senior High (magna cum laude)

### **Additional Relevant Experience**

- Guest lecturer at Miami Beach Senior High where I mentored marine science students and provided instruction regarding seagrasses and careers in science.
- Public speaking experience as a presenter at the Miami Beach Centennial Resiliency Summit and as a speaker at the Youth Forum on Climate Change and Water held by the Environmental Coalition of Miami and the Beaches (2015)
- Considerable experience as a volunteer research assistant doing coral restoration research at Florida International University (2014-2015) in the Burkpile lab
- Nominated for Silver Knight Award for my work in education of youth in conservation issues through coral restoration diving. (2014)
- Leadership experience as the president of the Miami Beach Senior High Scuba Club (2012-2014)
- Additional volunteer experience at the Museum of Science and Discovery and the Environmental Coalition of Miami and the Beaches.