

# Hans J. Prevost

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## **Education**

University of Louisiana at Lafayette; Lafayette, Louisiana  
Bachelor of Science in Biology, Minor in Chemistry  
Expected graduation: December 2018

## **Research Experience**

Undergraduate Research Assistant, January 2018 – Present  
University of Louisiana at Lafayette, Department of Biology; LA, USA  
Research advisor: Dr. Beth Stauffer

- Analysis of phytoplankton community composition and abundances of a Louisiana estuary using flow cytometry
- Quantification of chlorophyll biomass of phytoplankton communities using fluorometry
- Assisting graduate students in the field to obtain samples for analysis.
- Basic lab safety and maintenance protocol

Undergraduate Research Assistant, August 2018 – Present  
University of Louisiana at Lafayette, Department of Biology; LA, USA  
Research advisor: Dr. Karen Smith

- Quantification of microglia and astrocyte cells in macaque brains after exposure to the Zika virus
- Sectioning, staining, and preparation of nervous tissue for histological slides.
- Basic lab safety and maintenance protocol

## **Professional and Volunteer Experience**

Swimming Coach, May 2018 – Present  
City of Lafayette Aquatics; Lafayette, Louisiana

- Taught young children beginner swimming techniques
- Coached competitive swimmers and taught advanced swimming techniques

Front Desk Agent, June 2014 – April 2015  
University of Louisiana at Lafayette, Office of University Housing; LA, USA

- Served as a liaison between the residents and residence assistants
- Provided security for the residents by checking identifications of incoming individuals.

Volunteer Tutor, January 2015 – May 2017  
Biology Mentoring Matters, University of Louisiana at Lafayette

- Tutored students in various biology courses

Volunteer Peer Mentor, August 2015 – May 2018

Peer Mentor Program, University of Louisiana at Lafayette

- Mentored first year freshman in first year seminar courses

### **Awards**

- University of Louisiana at Lafayette Centennial Academic Scholarship
- Knights of Columbus Scholarship
- Fritz Lang Scholarship
- Dean's List (2014 – 2018)
- President's List (2015)

### **Presentations**

- **Prevost, HJ**, Pathare, M, Stauffer, BA. 2018. Comparison of Seasonal Abundances of Pico- and Nanoplankton in a South Louisiana Estuary. Poster presentation at the Gulf Estuarine Research Society Conference. Galveston, TX.
- Pathare, M, **Prevost, HJ**, Stauffer, BA. 2018. Exploring Trophic Interactions between Microzooplankton and Phytoplankton in Eutrophic and Oligotrophic Waters of the Northern Gulf of Mexico. Oral presentation at the Gulf Estuarine Research Society Conference. Galveston, TX.
- **Prevost, HJ**, Pathare, M, Stauffer, BA. 2018. Changes in Seasonal Abundances and Phytoplankton Community Composition at Vermilion Bay, Louisiana. Poster presentation at the UL Lafayette REU and Summer Undergraduate Research Symposium. Lafayette, LA.
- Pathare, M, **Prevost, HJ**, Stauffer, BA. 2018. Trophic Interactions between Microzooplankton and Phytoplankton In the Atchafalaya Vermilion Bay. Poster presentation at the State of the Coast Conference. New Orleans, LA.

### **Relevant Coursework and Credentials**

- PADI Open Water diving certification
- Microsoft Office (Word, Excel, Publisher, PowerPoint)
- CellQuest Pro
- Adobe Photoshop and Illustrator
- HydroLab DS-5X, DataSonde 5X (multi-parameter sonde)
- R statistical software