

Helene Rodriguez

45 South Road, Kingston, RI 02881

Hrodriguez@uri.edu | 401-874-9999 | <https://www.linkedin.com/in/helenerodriguez>

EDUCATION

University of Rhode Island, Kingston, RI

Bachelor of Science: Biology, GPA 3.6/4.0

20XX

Dean's List, Science Honor Society

TECHNICAL SKILLS

- Efficiently conduct independent or group laboratory research and accurately record data
- Ability to thoroughly research literature and identify pertinent publications using the Internet
- Proficiency with Microsoft Word, Excel, Access, ArcGIS, and SigmaPlot
- Multilingual with fluency in English, Spanish, and Portuguese, and beginner in Arabic

RELATED RESEARCH/LAB EXPERIENCE

Independent study in Genetics

12/20XX-05/20XX

UNIVERSITY OF RHODE ISLAND, Kingston, RI

- **"DNA Topological Modifications after Gyrase Inhibition"** Explored DNA modifications in E. Coli and Salmonella
- Separated DNA fragments with pulsed gel electrophoresis
- Applied Lowry assays and used spectrophotometry, digital photography, and density quantification software
- Prepared written report summarizing data analysis and conclusions
- Advanced understanding of the activation of the DNA repair system in E. Coli by demonstrating that both of the subunits of the topoisomerase enzyme possess a DNA binding specificity

Molecular Biology Lab Student Assistant

09/20XX – 12/20XX

UNIVERSITY OF RHODE ISLAND, Kingston, RI

- Conducted DNA cloning, sequencing, and mapping of the Vibrio fisheri lux operon using PCR and gel electrophoresis
- Created report, using SigmaPlot to visually represent findings, and presented to faculty
- Map sample locations of origin using ArcGIS

Assistant Laboratory Technician

05/20XX-12/20XX

RHODE ISLAND BLOOD CENTER, Providence, RI

- Maintained proper records and documentation of blood products Conducted troubleshooting and determination of appropriate or suspect products
- Trained department lab aides on procedures and requirements

ADDITIONAL WORK EXPERIENCE

Student Worker, UNIVERSITY CATERING 03/20XX-08/20XX

Customer Service, CVS, 01/20XX-07/20XX

Server, Bon Vue, 05/20XX-05/20XX

ACTIVITIES

Treasurer

09/20XX - Present

SEEDS OF SUCCESS University of Rhode Island, Kingston, RI

- Document, approve, and report on organization expenditures
- Collaborate with fellow executive board members to strategically plan priorities for the year, and execute events