

GREG MENDEL

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EDUCATION

University of New Hampshire, Durham, NH

Expected May 2017

Bachelor of Science in Medical Laboratory Science: Medical and Veterinary Sciences. GPA: 3.52

Relevant coursework: Organic Chemistry, Applied Biostatistics, Microbes in Human Disease, Human Anatomy and Physiology, Pathogenic Microbiology, Phlebotomy Theory, Hematology-Blood Cells and Coagulation, Infectious Disease and Health, Molecular Diagnostics.

COURSEWORK AND LABORATORY SKILLS

Cell Culture Lab

Fall 2015

- Maintained and passaged cell lines for an extended period of time.
- Kept a detailed notebook for every experiment.
- Performed numerous experiments not limited to stem cells, cloning, and karyotyping.

Human Genetics

Spring 2014

- Examined changes in the genetic sequence that leads to human trait anomalies and disease.
- Practiced traditional and contemporary methods of diagnosis like FISH, PCR, and whole genome sequencing.

Laboratory Skills: PCR, Western Blots, Vector Cloning; SDS-PAGE, Native-PAGE Gel Electrophoreses; IEX, Affinity, and Ge Filtration Chromatograph; Plasmid Purification and Protein Expression; Protein and Enzymatic Assays; Isolation of organisms via quadrant steaking; Manual aPTT, PT procedures; and Sysmex, Advia, Coulter Hematology analyzer experience.

RELEVANT PROFESSIONAL EXPERIENCE

Alpha Chi Sigma, University of New Hampshire, Durham, NH

September 2015 – Present

Tutor

- Aided students in both general and organic chemistry courses.
- Taught critical thinking skills, developed problem solving strategies, and helped apply these skills to other material.

Department of Molecular, Cellular, and Biomedical Sciences, UNH, Durham, NH

February 2016- May 2016

Undergraduate Teaching Assistant

- Assisted in the development of lesson plans to determine how to improve past lab protocols for current and future students.
- Guided and supervised undergraduate students throughout laboratory experiments to promote critical thinking skills.
- Proctored exams with laboratory professor.
- Taught specific laboratory protocols and aseptic laboratory techniques.
- Maintained the safety and cleanliness of the laboratory, specimens, and equipment.

Dartmouth-Hitchcock Medical Center, Durham, NH

Summers 2015, 2016

Phlebotomist Intern (100 Hours)

- Greeted patients as they entered the Outpatient Lab and participated on blood draw Rounds in Hospital.
 - Obtained blood through venipuncture from arm or hand, and observed blood bank draw procedures.
 - Batched blood onto computer system and transported it to the Lab with Urine, Semen, and Stool specimen.
 - Observed throat culture and glucose tolerance tests.
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CAMPUS LEADERSHIP AND ACTIVITIES

UNH Table Tennis, Durham, NH

September 2013 - Present

Vice President

- Co-founder by connecting with others to begin a new organization on campus.
- Attend meetings with the Coordinator of Student Organizations and Leadership to establish the organization and to communicate about how to become a successful organization.

Relay for Life, Durham, NH

March 2014 – June 2014

Captain

- Participated on a team and worked with others to fundraise a total of \$1,000.
- Served as team captain, recruited ten members for the team, and encouraged teammates to persevere through the night.
- Motivated teammates in completing the full 24-hour period during event by setting a good example.