

MCS Resume 1

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA
Bachelor of Science in Biological Sciences, GPA: 3.6
Minor: Biomedical Engineering

May 2017

RESEARCH & WORK EXPERIENCE

Office Assistant – Mellon College of Science Dean's Office, Carnegie Mellon University August 2014 – Present

- Facilitate the operation of a university office through administrative responsibilities and event coordination
- Managed 100 volunteers for MCS Pride Day to assign positions and responsibilities to serve over 500 event attendees

Clinical Research Intern – Atlantic Melanoma Center: Morristown Medical Center, Morristown, NJ June 2014 – August 2014

- Investigated the incidence of BRAF, NRAS, and C-Kit mutations in melanoma patients within the Atlantic Health System
- Conducted a retrospective chart review on 111 patients who underwent oncologic genetic testing
- Studied patient demographics leading to the possible development of certain genetic mutations
- Performed an extensive literature review of medical articles pertaining to melanoma cases and genetic mutations
- Presented trends establishing the foundation of research and results of my study in a comprehensive research article

Phage Hunter – Phage Genomics Research Course, Carnegie Mellon University August 2013 – May 2014

- Identified phage that infects Arthrobacter bacteria
- Streaked, plated, & cultured bacteria and phage
- Used electron microscopy to analyze phage structure
- Used spectroscopy & restriction enzyme analysis to purify phage DNA
- Used bioinformatics to analyze phage genomes and evolutionary history

LEADERSHIP EXPERIENCE

NeuroSAC, Board Member, CMU August 2015 – Present

- Plan and organize Carnegie Mellon and community service events to increase camaraderie between Neuroscience majors while giving back to the Pittsburgh community

Secretary, Future Leaders of Science, CMU September 2014 – Present

- Maintain accurate and thorough written records of the proceedings of the organization
- Collaborate with team of 5 officers to organize community service and fundraising events

Junior Community Group Leader, InterVarsity Christian Ministry, CMU January 2014 – May 2014

- Assisted in the planning and implementation of women's Bible study and team-building events

TECHNICAL SKILLS

Research: Titrametric analysis, cell transformation, making competent cells, enzyme digestions, DNA ligation, DNA synthesis, primer design, SDS gel, mini-prep, spectroscopy, bacterial vector cloning, electroencephalogram subject running, NIH web based training course complete, polymerase chain reaction, high-pressure liquid chromatography, infrared spectroscopy, nuclear magnetic resonance, extraction, gas chromatography, distillation, boiling point determination

Computer: Excel, PowerPoint, MiniTab, SPSS

Language: Fluent in Spanish

EXTRACURRICULAR ACTIVITIES

Alpha Phi Omega, Vice President of Fellowship September 2013 – Present

Intramural Track Team, Member January 2013 – Present

Biological Sciences Student Advisory Committee, Member September 2013 – May 2014