

Undergraduate Research Resume

(555)-444-3333|| research@u.rochester.edu

Undergraduate Education

UNIVERSITY OF ROCHESTER

Bachelor of Arts Dual Majors in Biology and Economics

ROCHESTER, NY

Expected May 20XX

- Cumulative GPA of 3.XX out of 4.0; Dean's List All Eligible Semesters

Relevant Courses and Labs

Chemical Concepts, Systems, and Practices 1 & II with Lab, Principles of Biology 1 & II with Lab, Organic Chemistry with Lab, Matlab, Statistics, Physics

- Chemical Concepts, Systems, and Practices: Introduction to basic chemistry, discussing stoichiometry, atoms and gases, chemical equilibrium, and acids and bases
- Principles of Biology: Topics discussed included biochemistry, molecular and cellular evolution, and cell reproduction as an overview of various areas of biology.
- Techniques utilized include PCR, gel electrophoresis, DNA isolation, DNA transformation and conjugation, Northern Blotting, gel filtration chromatography, ion-exchange chromatography, size-exclusion chromatography, IR analysis, and separatory techniques

Research Experience

ADVANCED PAIN AND WELLNESS INSTITUTE

Lab Technician

WILLIAMSVILLE, NY

Summer and Winter Breaks 20XX- 20XX

- Collected samples, studied and performed tests on body fluids, chemical compounds, and biological specimens
- Utilized lab equipment and complex computer programs to perform tests including PCR, IR analysis and DNA isolation

UNIVERSITY OF ROCHESTER

Research Assistant to Sam Researcher, Ph.D

ROCHESTER, NY

May 20XX-Present

- Studying 3 research projects including relationships, impact of positive and negative feedback on emotions and neutral emotions within a business environment
- Placing ECG sensors, skin conductance tapes and blood pressure cuffs on subjects for experimentation
- Read signals and videotape subjects to ensure safety
- Act as participant in study and code readings from each experiment; prepare study findings for excel document

HAUTMAN –WOODWARD MEDICAL RESEARCH CENTER

Researcher

BUFFALO, NY

July- August 20XX

- Performed analytical research of 3-dimensional structures and genomic sequences of various proteins in an effort to create a timeline of each known protein dating back to the first tertiary protein
- Experience using online sequencing programs as well as performing comparative analysis of two protein structures

Co-Curricular and Leadership Experience

UNIVERSITY OF ROCHESTER

Tour Guide & Recruitment and Training Leader, Office of Admissions

ROCHESTER, NY

Spring 20XX-Present

- Review all tour guide applications and direct all group interviews

Student Alumni Ambassador

Spring 20XX-Present

- Liaison between student body and alumni to promote connections on and off campus

Member of Delta Upsilon Fraternity

Spring 20XX-Present

Head Teaching Assistant & Teaching Assistant (TA), Principles of Biology

Fall 20XX & 20XX

- Promoted as Head TA to assist in creation of exams, course structure and topics for discussion
- As TA, taught recitation, graded weekly assignments and exams, held office hours