

MARY LYON
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Present Address:
Mount Holyoke College
1997 Blanchard Student Center
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EDUCATION

Mount Holyoke College, South Hadley, MA
Candidate for Bachelor of Arts, May 1999
Major: Chemistry Minor: Mathematics Major GPA: 3.28

Rensselaer Polytechnic Institute, Troy, NY (summer 1997)

RELEVANT COURSES

Atomic & Molecular Structure	Methods of Measurement
Biology	Nuclear Magnetic Resonance
Calculus I & II & III	Organic Chemistry I & II
Chemical Thermodynamics	Physics I & II
Chemistry	Physical Organic Chemistry
Genetics	Protein Structure and Function

RELEVANT EXPERIENCE

Chemistry Research, *Colgate University, Hamilton, NY*

Studied the kinetics of the hydrostannation of diethyl acetylenedicarboxylate and tributyltin hydride in the solvent 95% ethanol under the supervision of an Organic Chemistry professor. Summer 1997 and January 1998.

Chemistry Research, *University of Vermont at Burlington, Burlington, VT*

Studied direct solid sample analysis using Atomic Emission Spectroscopy under the supervision of an Analytical Chemistry professor. Utilized a tandem Inductively Coupled Plasma and Plasma Gun. Summer 1998.

Reader for Chemistry Department, *Mount Holyoke College, South Hadley, MA*

Corrected Fundamental Chemistry laboratory write-ups, and Organic Chemistry I and II homework over the course of a semester. Assessed how well the students know the lab material and class lecture. Fall 1998 -present, spring 1998 and 97, and fall 1997.

WORK EXPERIENCE

Clerical Assistant, *Oneida Orthopaedics Associates, Oneida, NY*

Served as assistant bookkeeper: processed payroll (using computer checkbook), accounts payable and accounts receivable. Demonstrated proficiency in the use of the Fax, computer, postage meter, and copiers. Performed occasional typing and filing. Part time beginning summer 1994-present.

Day Care Aide, *Oneida City Hospital Wee Care Center, Oneida, NY*

Assessed the physical and emotional needs of 16-25 month-old children. Planned organized activities to meet these needs. Summer 1996.

Volunteer Tutor, *Hamilton Learning Center, Holyoke, MA*

Tutored highschool students in Algebra and Chemistry. Assisted grammar students with their homework in spelling, phonics, and mathematics. 1995-1996 and January 1997.

SKILLS

Computer: Excel, HyperChem, MacSpartan, Microsoft Word, RasMol, Spectracalc, Speclink, Windows.
Instrumentation: Atomic Absorption, Distillation Apparatus, Fluorescence Spectrometer, High Performance Liquid Chromatograph, Plasma Gun-Inductively Coupled Plasma, Infrared Spectrometer, Mass Spectrometer, Mass Spectrometer/Gas Chromatograph, Nuclear Magnetic Resonance Spectroscopy (1H, 13C), Ultraviolet Spectrometer.

ACTIVITIES

Hall Programming Coordinator, 1997-present.
Volunteer at Northampton Nursing Home, 1996-1997.
Volunteer as Mount Mansfield Summit Caretaker 1998.
Student Activities Board for Blanchard Campus Center, 1995-1997.