

EDUCATION

University of Wisconsin-Green Bay
Bachelor of Science, December 2000
Majors: Chemistry and Human Biology with a Health Science Emphasis, GPA 3.91
Summa cum laude graduation honors

RELATED COURSES

Instrumental Analysis	Biochemistry Organic	Chemistry
Physical Chemistry	Analytical Chemistry	Molecular Biology
Genetics	Microbiology	Human Physiology

INSTRUMENTATION AND LABORATORY TECHNIQUES

GC-MS	GC-FID	HPLC
NMR	LSC	PCR
UV- VIS spectrometer	atomic absorption spectrometer	IR spectrometer
affinity chromatography	gel-filtration chromatography	ion-exchange chromatography
Biuret assay	BCA assay	Bradford assay
gel electrophoresis	refractometer	GE gamma ray detectors
neutron howitzer	adiabatic bomb calorimeter	NaI(Tl) gamma ray detector

WORK HISTORY

Enzymatic Therapy, Green Bay, WI May 1998 to Present
Chemistry Intern, Advisor: Dr. Starkey

- Organized layout of new chemical storage room and setup up chemical database
- Plated standard plate yeast and mold
- Performed identification of samples by IR and physical testing of samples
- Prepared buffers, agars, and solutions
- Operated Atomic Absorption Spectrometer for identification of metals
- Assisted in Standard Operation Procedure composition and editing
- Accomplished numerous filing and paperwork projects

University of Wisconsin-Green Bay, Green Bay, WI May - Aug. 1998

Research Assistant for Dr. Bauer-Dantoin, "Reproductive Hormone Gene Expression"

- Amplified RNA with the polymerase chain reaction
- Separated DNA with gel electrophoresis
- Stripped DNA contamination
- Cultured and separated nephron cells

Nicolet Paper Company, De Pere, WI May - Aug. 1996/97, Jan. 1998

Head Paper Tester and Quality Control Office Assistant

- Operated Quality Control Laboratory to insure paper quality
- Assisted in updating computer system
- Comparison trials of different models of smoothness machines and calipers
- Wrote Standard Operating Procedures