

Chemistry and Entry Level Position

Objective	To obtain an entry level position in the chemical or pharmaceutical industry.								
Education	<p>Bachelor of Science in Chemistry DePaul University, Chicago, Illinois,</p> <table><tr><td>Quantitative Chemical Analysis</td><td>Physical Chemistry</td></tr><tr><td>Instrumental Analysis</td><td>Inorganic Chemistry</td></tr><tr><td>Biochemistry</td><td>Organic Chemistry</td></tr><tr><td>Mathematical Methods of Chemistry</td><td>Polymer Chemistry</td></tr></table>	Quantitative Chemical Analysis	Physical Chemistry	Instrumental Analysis	Inorganic Chemistry	Biochemistry	Organic Chemistry	Mathematical Methods of Chemistry	Polymer Chemistry
Quantitative Chemical Analysis	Physical Chemistry								
Instrumental Analysis	Inorganic Chemistry								
Biochemistry	Organic Chemistry								
Mathematical Methods of Chemistry	Polymer Chemistry								
Experience	<p>Polymers Research Project, DePaul University, Chicago, Illinois Sponsored by the Coatings Industry Education Foundation</p> <ul style="list-style-type: none">• Research assistant to various faculty• Synthesis and characterization of monomers and copolymer of trisubstituted ethylenes.• Use of TGA, DSC, IR, and GPC in polymer characterization. <p>DePaul University</p> <ul style="list-style-type: none">• Determined calcium concentrations of unknown water samples.• Utilized atomic absorption instrumentation, standard additions, and quality assurance.								
Instrumentation Skills	Analysis of FT-IR, ATR, AA, GC, GPC, HPLC, DSC, TGA, MS, and UV-VIS instrumentation.								
Computation Skills	Microsoft Windows applications including, Word, PowerPoint, and Excel. As well as, Origin 6.1, Scifinder, and HyperChem computational analysis.								
Related Skills	Data and quality control, statistical analysis, and sampling.								
Recent Employment	Bartender/ Promoter, Duffy's Tavern, Chicago, IL. Fast paced customer service position, as well as, promoting and coordinating special events.								

Chemistry Coupled With Graduate School

Education: Indiana University Bloomington, IN
M.S. Physical Chemistry/Biochemistry
Thesis Title: Expression Purification and Characterization of Developmental Proteins Short Oskar and Vasa.

DePaul University Chicago, IL
B.S. Chemistry

Experience: Indiana University Bloomington, IN
Research Assistant

- Successfully developed eukaryotic and prokaryotic expression protocols for all proteins under investigation in the laboratory.
- Designed and implemented purification protocols (gravity, batch and FPLC) for multiple proteins.
- Interpreted mass spectrometry data to find post-translational modifications in eukaryotically expressed proteins.
- Planned and executed experiments to determine activity and characteristics of expressed proteins.
- Trained and oversaw research of several undergraduates and research technicians.
- - Created Fortran program to calculate nuclear temperatures, for heavy ion collisions.

Associate Instructor/Head Associate Instructor

- Oversaw activities of several associate instructors, led lectures for over 100 students, prepared, administered and graded exams and problem sets.
- Led sessions instructing students in the use of bioinformatics tools and discussion and review sessions over course topics, and led general chemistry laboratory sessions.

Laboratory Skills: **Protein Purification and Characterization:**
FPLC, Radio-labeled and colorimetric activity assays, analysis of MALDI data, partial proteolytic digests, Bradford assays, centricon, amicon.

Cell Culture: Tissue culture, cell line maintenance, virus propagation, virus titer, protein expression in monolayer and shaker flasks, optimization of expression, laminar flow hood maintenance.

Molecular Biology: Western Blotting, SDS-Page, Agarose gel electrophoresis, cloning, mini-prep, PCR, oligo design, RNA transcription, DNA, RNA and protein purification, concentration and quantitation.

Chemistry Coupled with an MBA

COMDISCO, Rosemont, Illinois

Director of Technology Services

Responsible for the development and implementation of global sales strategies for key accounts and targeted customer regions. Identified new business opportunities. Performed technical research and market analysis on the biotechnology industry, pharmaceutical industry, and instrumentation companies to provide strategic business direction. Performed technical review of business ventures to minimize investment risk for the Company.

- Managed the West and Midwest Regions of the United States for technical sales and increased revenue from \$15 - \$80 million dollars.
- Successfully led the global development and launch of equipment life-cycle management consulting services with forecasted revenue of \$120 million.
- Achieved \$28.1 million in sales revenue as the top performing sales team for FY 2000.
- Achieved \$30 million in sales revenue as the top performing sales team for FY 2001.
- Instrumental in closing the largest deal in the division's history which resulted in an additional \$20 million dollars of revenue.
- Translated technical and financial documents from French to English resulting in minimized investment risk for the Company.
- Organized and chaired a panel of key industry executives for a financial symposium at the Biotechnology Industry Organization International Convention which resulted in increased market awareness for Comdisco's Laboratory and Scientific Group.

PHARMACIA CORPORATION, Mount Prospect, Illinois

Senior Project Specialist

Performed technical analysis and due diligence for new business development opportunities. Wrote technical documentation for worldwide regulatory submissions, technology transfers, and methodologies.

- Responsible for the successful divestiture of a \$9 million dollar pharmaceutical product line.
- Achieved senior management recognition for expediting a technology transfer that resulted in the successful FDA approval of a new drug product
- Managed project activities and provided technical support for U.S. and international pharmaceutical markets to ensure project timelines were achieved.
- Served on multiple cross-functional project teams to expedite new drug approvals and product launches.

Research Chemist

Wrote protocols, developed and validated analytical test methods to support product development for new drug submissions. Provided analytical technical support and technology transfers to Pharmacia sites worldwide.

- Expedited a technology transfer that resulted in a successful plant start-up and product approval by the Brazilian government.

Analytical Chemist

Solved laboratory analysis problems through experiments and troubleshooting. Performed method validation of new drug products to support new drug submissions. Completed analyses of new drug products to evaluate packaging components and determine product expiration dates.

- Successfully completed method development for a \$2.3 million dollar product divestiture.

ABBOTT LABORATORIES, North Chicago, Illinois

R& D Technician

Supervised seven technical personnel. Worked with manufacturing to resolve in-process related problems. Performed testing on in-process and final products to ensure product quality.

- Presented a formal award from senior management for the identification and prevention of a multi-million dollar product recall.

EDUCATION

MBA, International Business

Concentrations in International Marketing and Entrepreneurship

DePaul University, Chicago, Illinois

B.S., Chemistry

Northern Illinois University, DeKalb, Illinois

Chemistry Coupled With Law School

EDUCATION

The John Marshall Law School, Chicago, IL
Juris Doctor Candidate,

DePaul University, Chicago, IL
Bachelor of Arts in Chemistry,
Courses: General, Organic, Physical, Biochemistry, Analytical, Instrumental, Advanced Organic.
Honors: Arthur J. Schmitt Foundation, Full Scholarship

EXPERIENCE

Dentsply Pharmaceuticals, Elk Grove Village, IL
Validation Specialist,

- * Coordinated and organized media fill activities by effectively communicating project responsibilities and goals with key functional departments to ensure smooth progress of media fill runs; routed, prepared, and organized documentation (standard operating procedures and protocols) to facilitate timely completion of projects; data collection from studies for protocol study organization; spreadsheet preparation and analysis; wrote various facility operating procedures; communicated project deadlines with reviewers of documents.

Abbott Laboratories, Abbott Park, IL
Rare Reagent Purification Scientist,

- * Completed EIA experiments for HTLV test pack project; aided in instrument training of other contractor employees; executed experiments, gathered data, and prepared reports for rare reagent stability, equivalency, and comparison testing.

DePaul University Department of Chemistry, Chicago, IL
Research Assistant,

- * Facilitated literature search on reactions pertinent to synthesis projects; prepared reactions, analyzed products; oversaw underclassmen working on synthetic projects; began personal research as part of experiential learning project; presented findings at American Chemical Society conferences in Chicago and New Orleans.

DePaul University Department of Chemistry, Chicago, IL
Tutor and Laboratory Teacher's Assistant

- * Tutored underclassmen in previously taken Chemistry courses; prepared reagents for experiments; graded lab reports; gave pre-lab lectures; answered questions about experimental procedure from students; communicated student needs and concerns to necessary faculty members.

National Interchem, Chicago, IL
Laboratory Technician, Summer '00, '01, '02

- * Performed quality control on manufactured products; completed precision color matching of wood stains; tested fragrances from various suppliers and made necessary suggestions.

Hanjin Shipping, Chicago, IL
Administrative Assistant, 07/2000 – 08/2000

- * Filed papers; answered phones; relieved receptionist for breaks; created necessary spreadsheets for employee performance evaluations.

SKILLS

- * Computer: Microsoft Office 97/2000/2003, Windows XP, Lotus Notes.
- * Instrumental: GC/MS, GLC, GPC, FTIR, IR, NMR, UV/Vis, AS, GPC, HPLC, Shimadzu Densitometer.

PROFESSIONAL MEMBERSHIPS

- * Iota Sigma Pi, Aurum Iodide chapter, Active Member
- * American Chemical Society, Student Member