

## JAMES PLUMB

**OBJECTIVE** Looking for a job position as a chemist/biochemist in well-reputed industry which is looking for an intelligent employee and where I can use my experience and abilities to aid in the development of the organization.

---

**PROFESSIONAL  
ACHIEVEMENTS**

**HONORS SCHOLAR IN BIOCHEMISTRY – UNIVERISTY OF MICHIGAN – DEARBORN (2016)**

This award is given to one student in every major based on GPA and other achievements within the university.

**DIFFERENCE MAKER – UNIVERISTY OF MICHIGAN – DEARBORN (2016)**

This award is given to 50 students a year on campus that impact the university and community in a notable and positive way.

---

**SKILLS**

Ability to diagnose chemical composition and presence using:

- HNMR and CNMR Spectroscopy
- IR Spectroscopy
- Flame Atomic Absorption
- Mass Spectrometry
- Ion Selective Electrodes
- UV and Visible Absorbance or Transmittance Spectroscopy
- Fluorescence Spectroscopy
- Titrations using Formulated Regression
- ELISA

Ability to Separate Chemicals using:

- Column Chromatography (Size exclusion/Affinity Chromatography)
- Gas Chromatography
- Ammonium Sulfate Precipitation
- Dialysis

Efficient in Microsoft Processing including:

- Word
- Excel
- PowerPoint

## WORK HISTORY

### **SUPPLEMENTAL INSTRUCTOR, UNIVERSITY OF MICHIGAN DEARBORN (DEARBORN, MI)**

August 2015-Current

SI for: chemistry, molecular biology, biochemistry.

Description: Plan and execute tutor sessions for groups typically ranging in sizes of 5-10 individuals.

### **TEACHERS ASSISTANT (CHEMISTRY), UNIVERSITY MICHIGAN – DEARBORN (DEARBORN, MI)**

August 2016-Current

Description: Attend lectures, hold office hours, and grade in-class-assignments for the General Chemistry Professor.

### **LABORATORY ASSISTANT, UNIVERSITY MICHIGAN – DEARBORN (DEARBORN, MI)**

October 2014-Current

Description: Research relevant topics as necessary (through current literature) to formulate potential procedure. Evaluate efficacy and reproducibility using proposed procedure. Collect, organize, and analyze data.

### **MATH TUTOR, UNIVERSITY OF MICHIGAN – DEARBORN (DEARBORN, MI)**

January 2015-May 2015

Description: Tutor individuals in the Math Learning Center. Subjects would range from algebra and precalculus up through Calc III.

### **PHLEBOTOMIST**

January 2013-December 2014

Description: Perform venipuncture to draw blood specimen from patients as directed. Accession specimens into system and deliver to proper department for further diagnosis. File results as directed.

---

## EDUCATION

### **BIOCHEMISTRY, UNIVERSITY OF MICHIGAN – DEARBORN**

Location: Dearborn, MI

Dates: August 2014-Current (Graduation: May 1, 2016)

Current GPA: 3.89

Classes Related to Job: Quantitative Analysis, Quantitative Analysis Lab, Organic Chemistry Lab, Biochemistry Lab 1 & 2, Physical Chemistry, Microbiology Lab, and Independent Research Lab

### **MONROE COUNTRY COMMUNITY COLLEGE**

Location: Monroe, MI

Dates January – May 2014

GPA: 3.49

Classes Related to Job: General Chemistry 1 & 2 (lecture and labs), Physics 1 & 2 (lecture and labs), Biology 1 & 2 (lecture and labs).

---

## REFERENCES

Available Upon Request