

Chemistry Laboratory Preparation Assistant (CLPA) Application

Hiring decisions are made 3 to 4 weeks BEFORE the start of each semester.

(Please print legibly or type)

Name (last, first) _____

Student ID # _____ IU Email: _____

Major(s): _____ Minors(s): _____

Local Address: _____
Residence Hall/Street city zip

Permanent Address: _____
Street city zip

Primary Phone Number: _____ Secondary Number (if available): _____
Circle one: Cell Landline Circle one: Cell Landline

Year in college: 1 2 3 4+

Expected Graduation Date: _____

Reference Name(s) and Contact Information: _____

(Preferably a previous employer or chemistry teacher, and/or a current Prep Lab employee)

Are you a United States resident? Yes / No If no, are you eligible to work in the U.S.? Yes / No

Are you 18 years of age or older? Yes / No

Have you ever had previous employment? Yes / No

If so, please list jobs. List positions with IU first if you have any.

Please list you previous experience in chemistry.

High School Science Courses: _____

Past College Chemistry Courses: _____

Current/Upcoming Chemistry Courses: _____

(Over)

Do you have any first aid training: Yes / No If yes, what certifications?_____

Briefly explain your interest in this position:_____

How did you hear about this position?_____

Did you or your parent/guardian complete the FAFSA (Free Application for Federal Student Aid) form in the past year? Yes / No

If yes, do you qualify for the Federal Work-Study Program?_____

What amount were you awarded?_____

Have you ever been convicted of a crime (not including minor traffic violations)? Yes / No
If yes, please explain.

By signing below (required), I give my consent for the reviewers to access my academic and financial assistance records.

Signature

Date

IMPORTANT: Include your expected semester course schedule and times that you would NOT be available during the week for work on the attached schedule.

Chemistry LPA Application, part 2

Please answer the following questions so that we may have a better idea of your chemistry knowledge:

Calculate the formula weight of potassium permanganate, KMnO_4 .

Using this molecular weight, calculate the amount of solid in grams that would be needed to make 6 liters of a 0.3 *M* solution.

How much concentrated sulfuric acid (18.2 *M*) must you dilute to make 1.0 L of a 2.5 *M* solution?

What is the highest concentration in molarity that can be made of potassium sulfate at 25°C?
 K_2SO_4 solubility at 25°C = 10.7g in 100g water

Have you ever made a non-volumetric solution? Tell us about it.

Have you ever made a volumetric solution? Tell us about it.

Have you ever standardized a solution? Tell us about it.

List any other laboratory techniques you are familiar with.

RETURN THIS APPLICATION TO NORMAN DEAN OR JAMES CLARK IN THE UNDERGRADUATE OFFICE (C021). We will contact you once the applications have been reviewed and our needs assessed. Thank you!!

(Over)

Chemistry LPA Application, part 3 Semester/year _____ Name: _____

Cross out the time blocks that you **CAN NOT** work due to class schedule, exam times, or other obligations. Each block of time is 30 minutes starting at the time to the left. Leaving it blank means you can work from that time until the next time listed. Write in times if possible.

| | Availability Schedule | | | | |
|----------|-----------------------|----------------|-----------|----------|----------------|
| | Monday | Tuesday | Wednesday | Thursday | Friday |
| 7:30 AM | | | | | |
| 8:00 AM | | | | | |
| 8:30 AM | | | | | |
| 9:00 AM | | | | | |
| 9:30 AM | | | | | |
| 10:00 AM | | | | | |
| 10:30 AM | | | | | |
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| 5:30 PM | | | | | |
| 6:00 PM | | | | | |
| 6:30 PM | | | | | |
| 7:00 PM | | | | | |
| 7:30 PM | | Lab classes | | | |
| 8:00 PM | | do not run | | | Lab classes |
| 8:30 PM | | at these times | | | do not run |
| 9:00 PM | | | | | at these times |
| 9:30 PM | | | | | |
| 10:00 PM | | | | | |
| 10:30 PM | | | | | |

How many hours per week would you *like* to work? What is the maximum number of hours you can work? Any special preferences?

Please write the dates and times of evening exams or other one-time or occasional conflicts not on your regular schedule.