

Chemistry Learning Piazza

The Chemistry Learning Piazza (CLP) is a message board moderated by Chemistry Learning Center staff. Once you have joined the CLP, you can post questions that will be answered by a general chemistry TA as soon as possible. The CLP is actively monitored by staff members from 1 – 4 pm, Monday through Friday. During these times, you can expect faster responses to your questions!

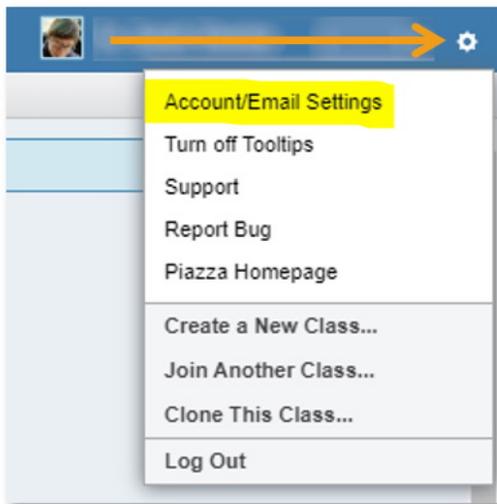
Getting Started

To get started using Piazza, follow these instructions:

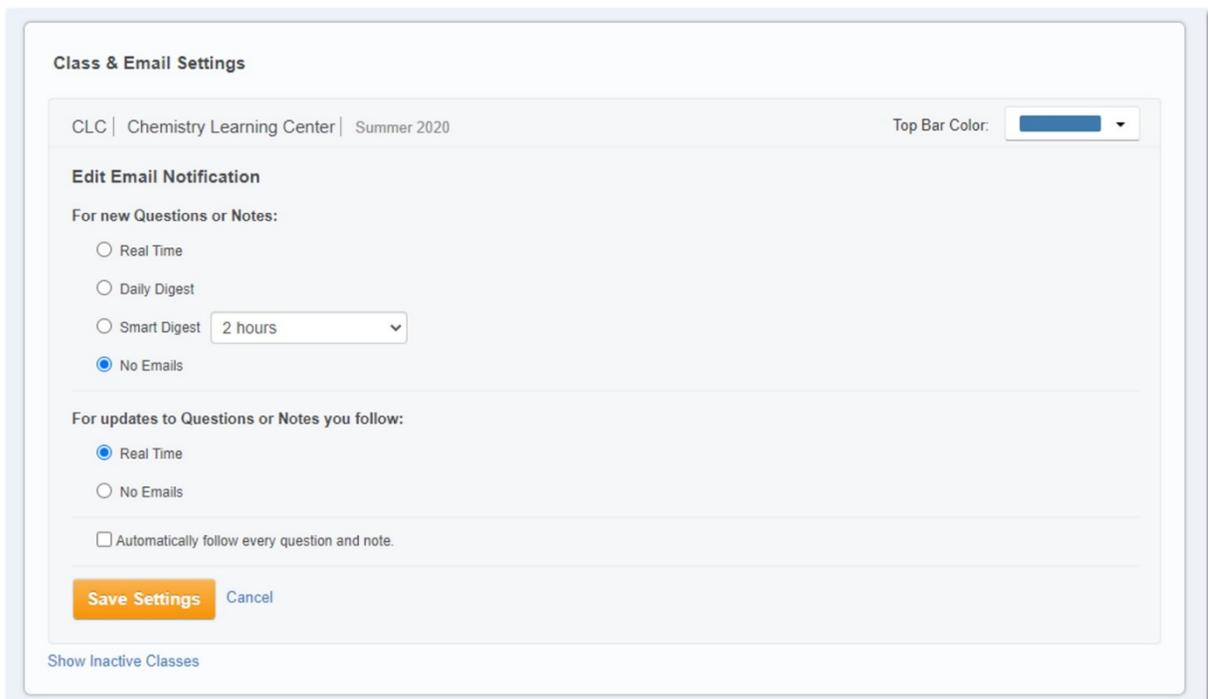
1. Click on the Piazza link on the Virtual CLC website (chemistry.illinois.edu/clc/virtual-clc). If you have never used Piazza before, you will be prompted to choose a new Piazza password. **Note:** You will not need your password again, this will only happen the first time you log in to Piazza. After setup, you will be automatically logged in in Piazza whenever you click the Piazza link on the Virtual CLC website.

The screenshot shows the Piazza website interface. At the top, there is a blue header with the 'piazza' logo and a 'Log In' button. Below the header, the page title is 'University of Illinois at Urbana-Champaign'. A sidebar on the left contains a 'Welcome to Piazza!' message. The main content area features a 'Selected Term' dropdown menu set to 'Summer 2020'. Below this, there is a list of classes. The first class, 'Class 1: CLC: Chemistry Learning Center', is highlighted in yellow and includes an 'Are you a professor?' button. Below this class are input fields for 'Class 2', 'Class 3', 'Class 4', and 'Class 5'. At the bottom right, there is a 'Join Classes' button. Two orange arrows point to the highlighted class and the 'Join Classes' button.

2. Set up your Notification Preferences by clicking on the gear icon next to your name in the top right. Select "Account/Email Settings."



3. Set your email notification frequency by clicking on the course name and selecting how you often you want to be notified. The CLC recommends that you select "no emails" for new questions or notes. Select "real time" for questions or notes you follow, which includes those you post yourself, by default.

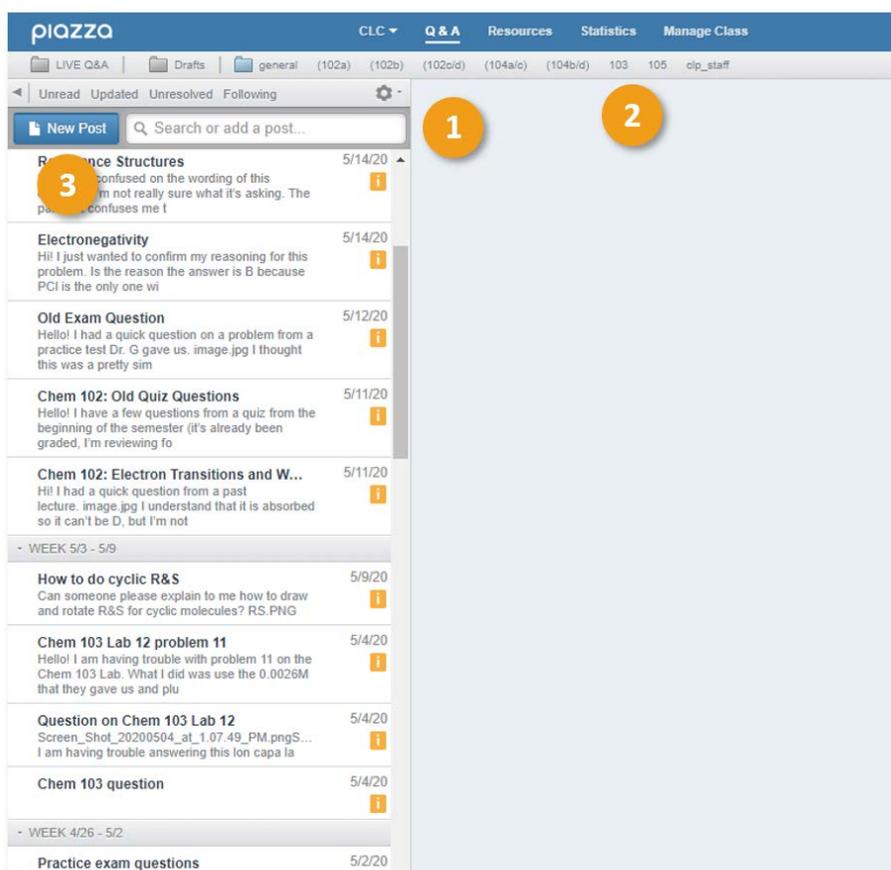
A screenshot of the 'Class & Email Settings' dialog box. The course name is 'CLC | Chemistry Learning Center | Summer 2020'. The 'Edit Email Notification' section shows 'No Emails' selected for new questions or notes, and 'Real Time' selected for updates to questions or notes you follow. The 'Save Settings' button is highlighted in orange. There is also a 'Cancel' button and a 'Show Inactive Classes' link at the bottom.

4. Click on 'Q&A' in the toolbar at the top of the Piazza window to start conversations and remember to select a "folder" when you post a question or response.

Using Piazza

Looking for Answers

1. Always start by using the search function (#1) to see if someone else has posted a similar question already.
2. Browse appropriate folders (menu bar above #2) to see if the same question was asked using different wording.
3. If you can't find the question you want to ask, click on New Post (#3) to ask your question.



Posting on the Chemistry Learning Piazza

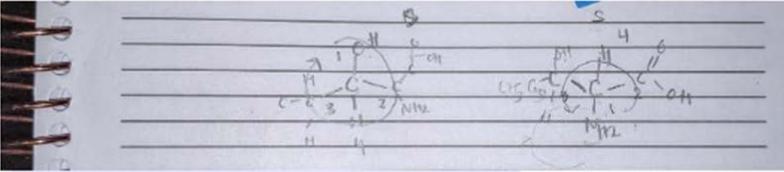
1. Choose your post type. Explanations are given beneath each type.
2. Post to the entire class.
3. Select the appropriate folders in which your post will appear. You can select more than one; more people will be able to find your question if you select all that apply.
4. Enter a brief description of your question.
5. Compose your question. The CLP requires **three components** in every question:
 - a. A screenshot/image of the original problem
 - b. A picture/image of your work so far
 - c. A specific question, in words

Here is an example of a post that includes all three components:

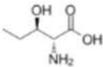
? question @46
stop following **16** views

CHEM 104 Orgo IV Homework

I'm not sure what I did wrong on this problem. I labeled the priorities of the substituents around the stereocenters and then determined if it was clockwise or counterclockwise. For the one on the left, the 'H' should be going away from me, so even though it is clockwise here, it is actually S configuration if oriented the right way. I determined that both of them should be S, which was wrong and I also tried Left=R, Right=S which was also wrong.



Consider the following isomer of the amino acid threonine below:



Determine R or S configuration for the stereocenters.

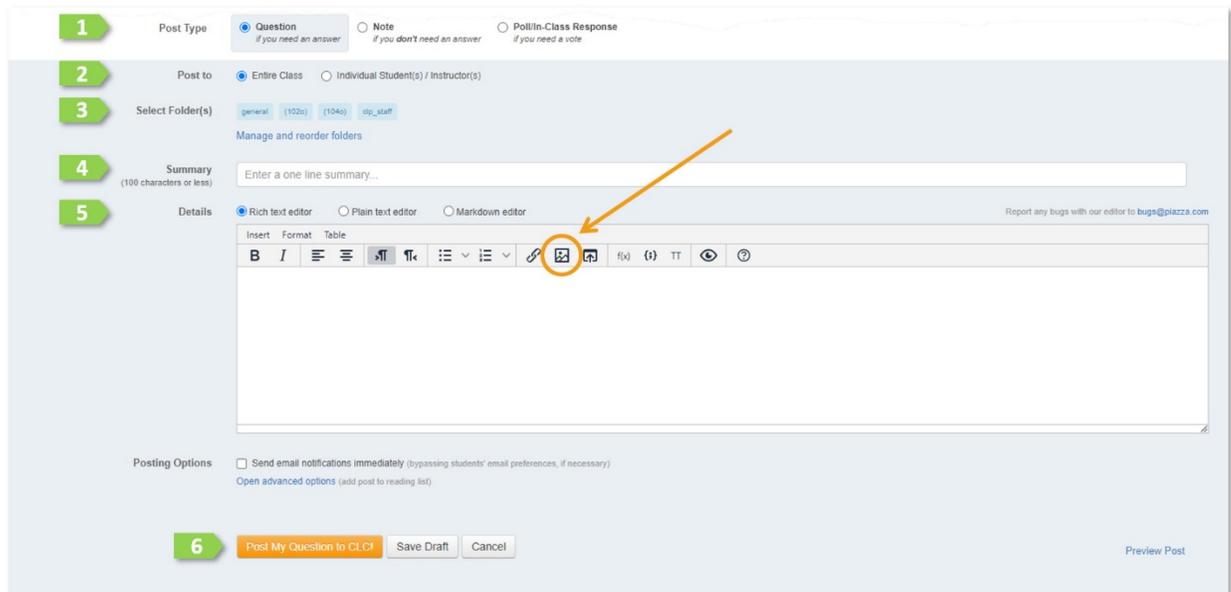
left stereocenter = R, right stereocenter = S
 left stereocenter = S, right stereocenter = S
 left stereocenter = S, right stereocenter = R
 left stereocenter = R, right stereocenter = R

Incorrect. Tries 2/2 [Previous Tries](#)

(104a/c)

edit
good question 0
Updated 1 month ago by

6. Post your question or save it as a draft to post later. Make sure to insert images directly into the post, as opposed to linking them. When adding images, set the pixel width to 700 to get a medium-sized image. You can also resize pictures using a program like Microsoft Paint.



Helpful Piazza Hint: Use the Snipping Tool to Quickly Copy and Paste Screenshots

FOR WINDOWS 7 & ABOVE:

- Press the Windows key + SHIFT + S simultaneously. This opens the Snipping Tool. Highlight the area that you wish to include in your post.
- The snip is automatically saved to the clipboard. You can click on the Snipping Tool to further mark up the image -or-
- Use CTRL + C and CTRL + V to insert the image directly into your post.

FOR MACS:

- Press the CMD + SHIFT + 4 at the same time. Highlight the desired area.
- Use the Snipping Tool to edit the image -or-
- Use CTRL + C and CTRL + V to insert the image into your post.

Interacting with the CLP staff

It is our goal to answer your questions as quickly and thoroughly as possible! This can be a challenge when we are including images or screenshots into our answers, so please be patient. Use the following guidelines to get the most out of the CLP:

1. CLP staff members will respond to your post as soon as possible.
 - Questions posted during actively moderated hours should receive a response within a few minutes.
 - Questions posted at other times (especially nights and weekends) may not receive a response until the next business day.
2. For follow-up clarifications/questions after you received an answer, please note that you can continue the thread! After the initial response, click “Start a new follow-up discussion.” This will create a thread where you can continue to discuss the problem with the CLC Staff.
3. Please leave feedback after your question is answered to let us know that we have successfully helped you! This allows the staff to decide which questions are resolved and it improves our ability assist other students with the same problem! Ways to do this:
 - a. Click the “Good Answer” or “Good comment” react to an Instructor’s response.
 - b. Include a message in the follow-up thread (e.g. “Thanks, it worked!”)

1 the instructors' answer, where instructors collectively construct a single answer

It took me a second to figure out what the first question was asking. Instead of focusing on wavelength, let's focus on energy. The threshold frequency is the minimum frequency of light which causes electrons to be emitted from a metal surface, in this case, 1.20×10^{15} Hz. We should be able to calculate the energy associated with one photon ejected from the metal's surface, using:

$$E = h\nu$$

Now that we know how much energy one photon requires, we can compare that to the total amount of energy emitted (5600 J) to find out how many photons were ejected.

For your second question, focus on the units for each value. We are told that the carbon monoxide laser has a power output of 45.0 J/s. We know how long the laser operates ($48.0 \text{ min} \times 60 \frac{\text{s}}{\text{min}}$), so we should be able to calculate the total energy output.

Let us know if this helps get you started!

--The CLP staff

good answer | 3 | Updated 27 days ago by

2 followup discussions for lingering questions and comments

Start a new followup discussion

Compose a new followup discussion

4. Feel free to return throughout the semester and post new Piazza questions! We look forward to hearing from you soon.