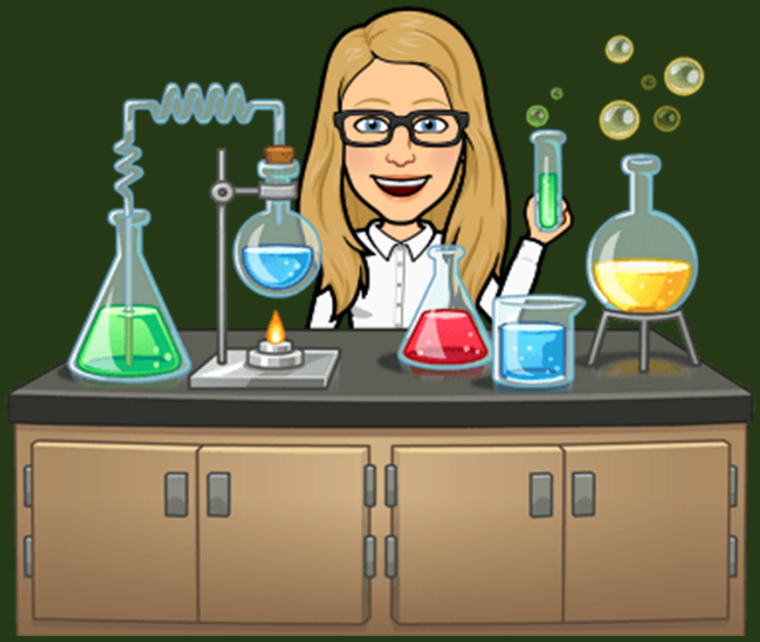
For clicker question voting, go to:
https://pollev.com/lauriestarke263



Dr. Laurie S. Starkey

Cal Poly Pomona

CHM 3150 Organic Chemistry II
9/2/25

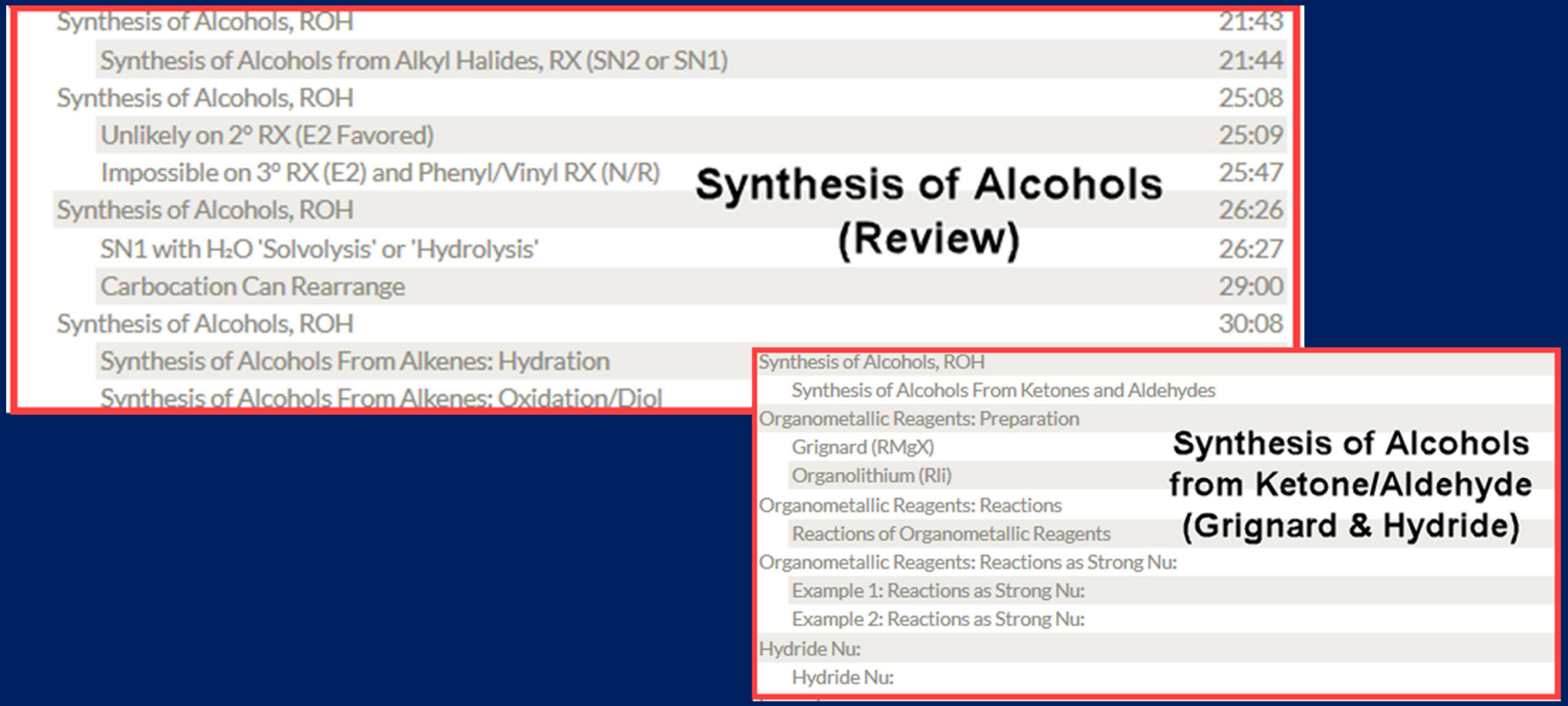
Today's Topic:
Preparation of Alcohols (Ch. 12)

Daily To-Do	Flipped Lectures
Step 2 **Read** • Read Klein Sections 12.3 – 12.6 **Preparation of Alcohols** • Watch flipped lecture • Work through **SkillBuilders 12.3, 12.4, 12.5** • **Grignard/Hydride homework** (submit to Gradescope) **Practice**	Alcohol Synthesis **38 minutes**, *skeleton notes pages 12-4 to 12-7*

Free Red Ink is "Due" Sun. 9/7 (to stay on track), but "late" is ok… full credit until Exam I, 9/18

Free Red Ink Homework #2

Flipped Lecture



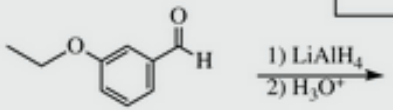
Assignments to work on this Week (Gradescope)

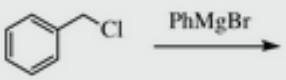
CHM 3150 Organic Chemistry I, Dr. Laurie S. Starkey
Predict the Products Problem Set: Grignard/Hydride

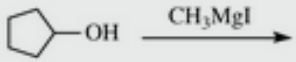
Name:_____ Section (day/time):_____

Predict the major product(s) expected for each of the following reactions. Remember to indicate stereochemistry, when appropriate. You may assume that each reagent is added in excess, unless otherwise noted. If no reaction is expected, write NR.

A) 

B) 

C) 

D) 

*No penalty if this is late

Ch. 11/12/13 SkillBuilders/EOC Due Sept. 18th

Q1 Reflection
4 Points

Friday Five

Exploring Applications of Organic Chemistry One of the most enjoyable parts of working with David Klein on the 5th edition of his textbook was having the opportunity to add new features that highlight the chemistry in our lives. Below are three of my contributions to Chapter 11.

The Study of Disease and the Discovery of Vitamins
Learn about the origin of germ theory, the 50+ years of resistance to the idea that doctors should wash their hands, and how factors that were "vital" for good health (vitamins) were discovered. https://www.chemistryconnected.com/courses/CHM3150/StudyOfDiseaseAndDiscoveryOfVitamins.pdf

Natural Product Synthesis
Plants produce organic compounds as a means for survival. Known as secondary metabolites, these compounds can help ward off predators, fight disease, or attract pollinators. Considering the abundance of interesting organic molecules that plants contain, it is certainly no accident that plants and plant products can have healing effects on humans! Learn why natural products are attractive synthetic targets, and the practical reasons to pursue the synthesis of that which nature has already produced. https://www.chemistryconnected.com/courses/CHM3150/NaturalProductSynthesis.pdf

The Story of Vitamin B-12:
Discovery, Structural Elucidation, and Total Synthesis
It started with physicians working with anemic patients, and over 100 hard-working men and women continued the journey of discovery and research for nearly 50 years! https://www.chemistryconnected.com/courses/CHM3150/StudyOfDiseaseAndDiscoveryOfVitamins.pdf

Please read through one or all of these features. Did you learn something new? Anything that surprised you? In the space below, reflect on what you read.

We are well into Chapter 12. How has your progress been? Do you have any *specific* times blocked out for *specific* activities to work on Chapter 12 material (e.g., read, watch, practice, OLC)?

OLC Report

Q1 OLC report and photo
1 Point

Who did you get together with? When was the study session, and how did you meet up?

What did your OLC work on during the study session?

What did your contribute to the session? What did you learn?

Please upload evidence of your study session (screenshot/photo /notes). Thank you, and have a great week!

No files uploaded

CHM 3150 Organic Chemistry II, Cal Poly Pomona, Dr. Laurie S. Starkey
Homework #1 20-Question Review, Chapters 7-10

Wrap up Ch. 11!

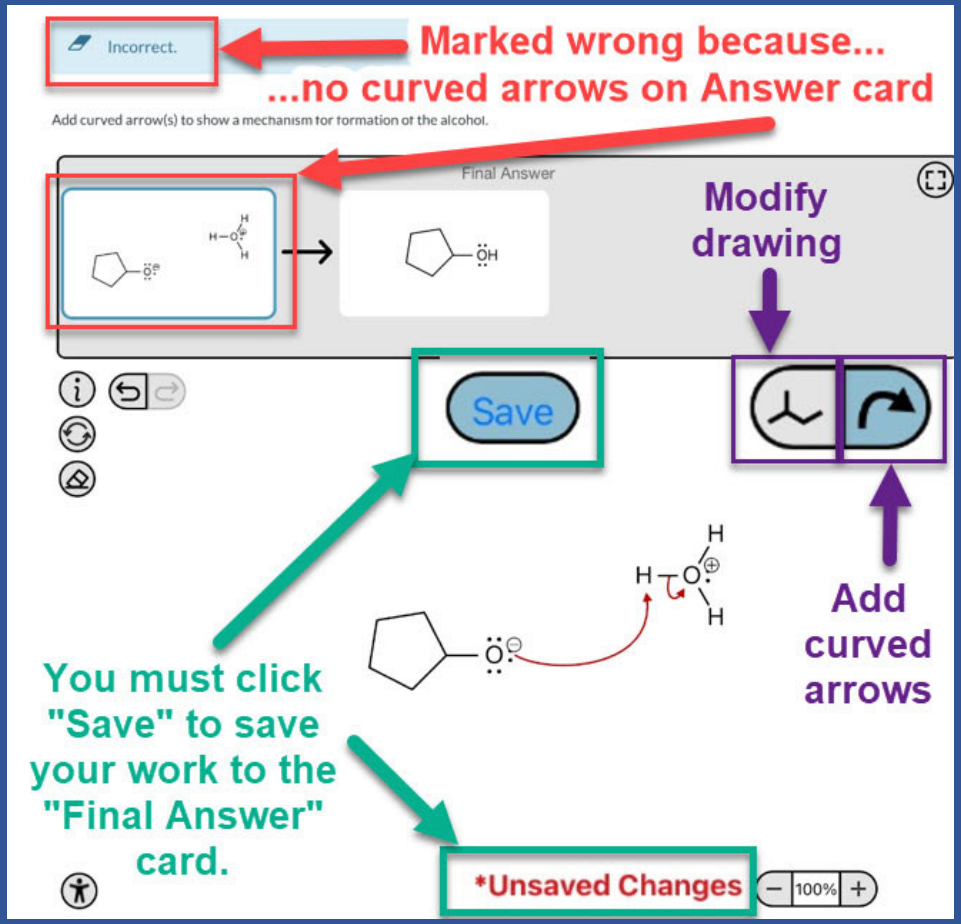
Name:_____ Section (day/time):_____

- On blank pieces of paper, draw out the following twenty textbook problems (Klein-Starkey, 5th edition) and solve them. *Do not just write down the answers.*
  7.76acef, 8.42ac, 8.43a-f, 9.41bcd, 9.52bc, 10.19abc
- Check your answers in the Student Solutions Manual (SSM), and make corrections to your work. You are encouraged to work with a study group, but your review of the material is worthwhile only if you attempt the problems before checking the SSM!
- Use Genius Scan to create a PDF of your homework – the app automatically crops pages to 8.5x11, but be sure to apply the black & white filter
- Submit to Gradescope – you must select the page(s) of your submission that correspond to each problem in Gradescope (on which page(s) can I find problems 7.76acef, and on which page(s) can I find Ch. 8 problems?)

========== ***Simply copying answers from solutions manual will not earn full credit!*** ==========

How do I use the new WileyPLUS drawing tool?

- Select the correct tool (drawing or curved arrows)
- Use sketchpad to draw your answer
- **CLICK "SAVE" TO UPDATE THE "FINAL ANSWER" CARD**
- Read instructions carefully (may need to modify final product too)



CHM 3150

Hello!

Hey everyone! My name is Alan Flores and I am a 4th year majoring in General Chemistry. I enjoy boxing, going to nice views and trying new food. I look forward to learning more about o chem.

Hello everyone!

Hi everyone! My name is Rebekah. I am a Pre-vet major and look forward to taking the class with you all! Hope we all do well. I love to go to the gym, do crafts and hang out with friends. Fun fact, my first time out the country was for a mission trip in Nicaragua.

Hi!

My name is Sara, and I am a third-year animal science major with a pre-vet emphasis. I love drawing, spending time with the animals I live with, thrifting, baking, and going out to eat. I am excited to deepen my knowledge of organic chemistry and get to know everyone!

0 0

Add comment

Hello!

Hi everyone! My name is Camila and I am an animal science Pre vet major! I am excited to continue learning organic chemistry. Whenever I have free time I love to watch TV and make some crafts. Good luck to everyone taking this course!

0 0

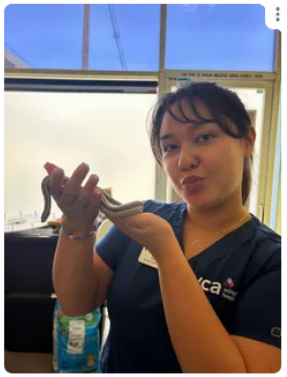
Hello!

Hey everyone, my name is Gwyneth and I'm a third year Biology major. I'm looking forward to the challenges this class will bring. Outside of school, I enjoy hiking, camping, spending time with friends, and going on spontaneous adventures.

0 0

Add comment

Hi everyone! My name is Leslie Batista and I am a fourth year animal science pre-vet major with a minor in equine studies. I am interested in becoming an equine veterinarian. I enjoy hiking, spending time in nature, painting, and horse riding. I am looking forward to getting better at how I study so I can be successful in passing Ochem 3150.



My name is Samantha, and I'm a senior majoring in Pre-Vet animal science. This is my second-to-last semester at CPP, and I'm very excited to continue my journey and love for Vet medicine. I'm also very excited for my last semester of chemistry!!

0 0

Add comment

Hi there!

My name is Alannah and I am Animal Science Pre Vet Major. My passion is all things animals. I'm preparing for the challenges that this course is going to bring this semester. I am hoping to one day become a veterinarian. Though in my free time I love to read, play video games, and go to amusement parks with my boyfriend.

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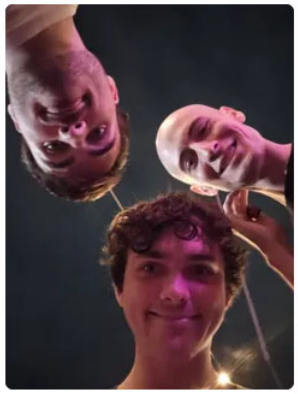
Add comment

You. Belong.

You.
Belong.



Hello friends. I'm a senior biotech major who will admit organic chemistry is growing on me. I worked in a clinical research lab over the summer for phase 1 pharmaceutical testing. I started performing at the Innovation Brewworks open mic nights across from CPP recently, which has been fun. Looking forward to learning a lot this

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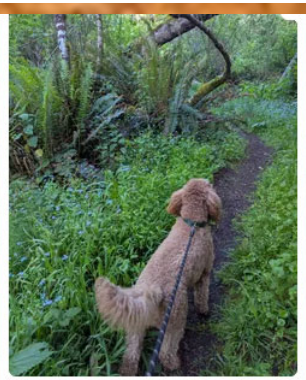

My favorite girl on an amazing hike

Hello, my name is Dana and I am a pre-veterinary animal science major. I am a bit nervous about organic chemistry, but I am looking forward to learning more. I am a big fan of the outdoors and some of my hobbies are hiking, camping, photography, and reading.

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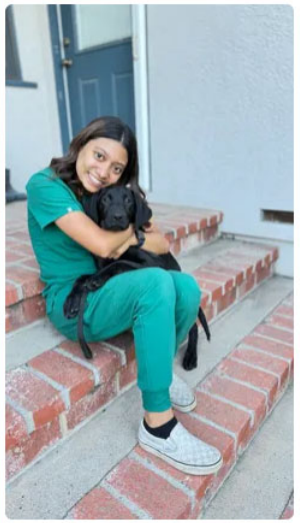
Add comment



The little black lab is Viana!

Hi everyone, my name is Jackie. I'm an animal science major (pre-vet emphasis) in my last year at CPP. I am a little nervous about organic chemistry, but I am ready to put in the work and am going to do my best! I'm a guide dog puppy raiser and have the cutest little sidekick this semester named Viana. Some of my hobbies include photography, hiking, and training dogs.

Hi, my name is Emma! I'm majoring in Biology with a focus in Microbiology. I love watching movies at the theatre and playing Stardew Valley. I'm ready and enthusiastic to learn more organic chemistry! I hope everyone has a great semester. (:

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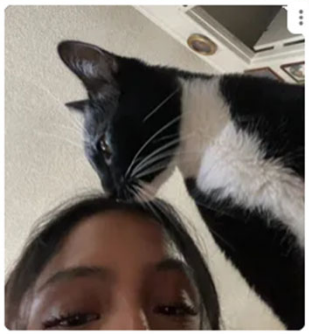
Add comment



Hello! My name is Alondra and I'm a 4th year Animal Science/Pre-Vet student. I'm excited but nervous to continue learning about organic chemistry as I found it interesting. In my free time I like to spend time with friends, trying new food/drink places, being outdoors like going to the beach, and spending time with my cat, Milo who is my motivation to continue my studies and work in the veterinary field.

0 0

Hello everyone! my name is Kristiann and i am in my senior year majoring in animal science: pre veterinary track. Overall im pretty excited about this class and hoping for the best! so nice to meet everyone!

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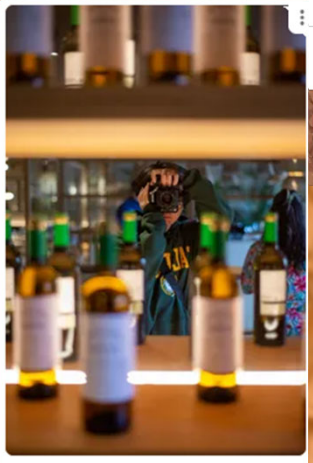
Add comment



Hi all, I'm Gabe, a third year gen chem major. I took CHM 3140 last semester, and I hope to lock down those concepts and learn even more about organic chemistry this year. My hobbies include playing the guitar, photography, and collecting CDs.

CHM 3150

CHM 3150

Hello! My name is Ava and I am a 4th year majoring in biology hoping to pursue optometry. I enjoy reading and traveling as hobbies. I hope to learn a lot more about ochem this semester and hope we all do well in this class!

0 0

Add comment

Avery

Me and one of my show lambs (her name is Buggy!)

Hello everybody! My name is Avery Samuels and I'm a 4th year Animal Science: Pre-Vet student with a Zoology minor. My ultimate calling is to become a wildlife veterinarian. I love hiking, swimming, reading, and SCUBA diving in my free time.

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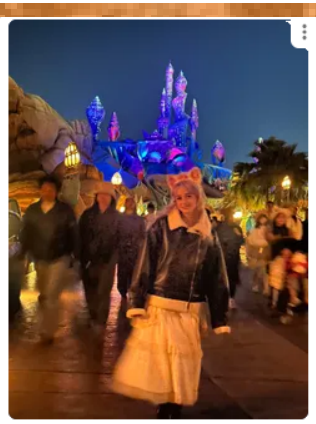
Add comment



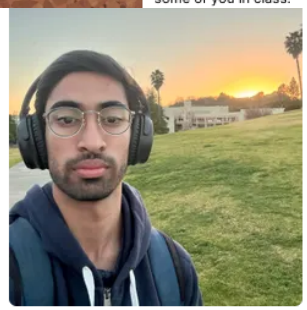
Hello! My name is Sophia and I am a fourth year animal science major. I enjoy learning about chemistry and had a great time taking Ochem last semester. I hope this semester goes just as well!

0 0

Add comment

Hello Everyone. My name is Dayanara. I am a senior at Cal Poly and a pre-vet animal science major. Some things I do in my free time are reading, learning to draw, and listening to music. I hope to get to meet some of you in class.

You. Belong.



Hello, my name is Tej, and I'm a 3rd year electrical engineering major. I hope to stay more consistent this semester and get the reactions down by heart. Good luck with the new school year!

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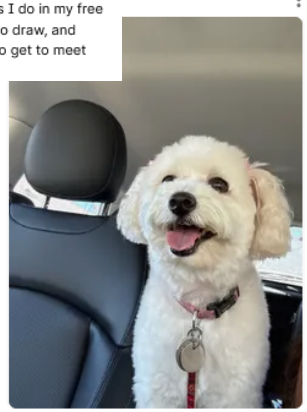
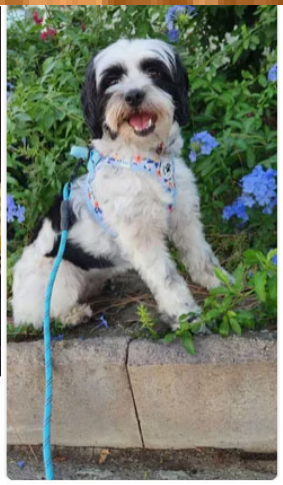


I'm Amalia, I am a third year general chemistry major and I am minoring in astronomy. I love to bake, which is what made me in interested in chemistry in the first place. I am pre-med and hope to become a cardiologist or ophthalmologist. I hope everyone does well this semester!

My name is Adan Gutierrez and I am biology major and I am a senior. I am currently interested in zoology and physiology and plan on pursuing a master's in biology. In my free time I enjoy cooking, playing video games and spending time with my dog.



My Dog Olivia!

Hello, my name is Trinity, I'm an open university student at CPP. I recently started working at a veterinary hospital, so I enjoy applying what I learn in class to real-life experiences with animals and medicine. Outside of school, I love music, art, and spending time with my pets.