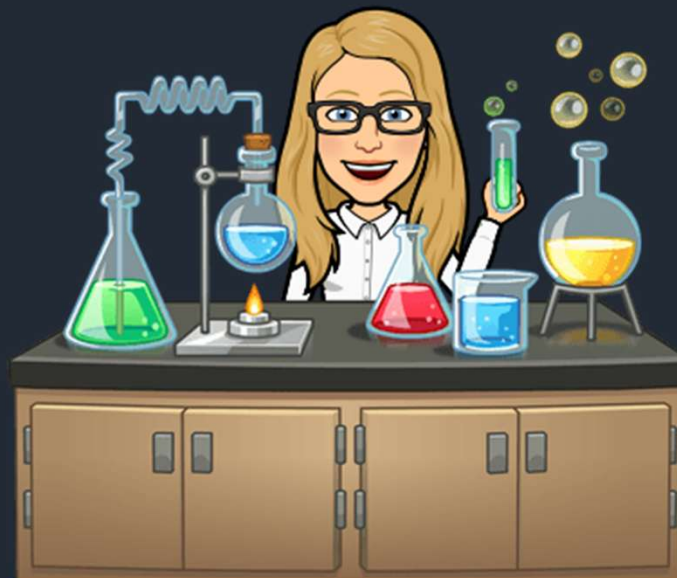


For voting, go to: <https://pollev.com/lauriestarke263>
or text LAURIESTARKE263 to 37607 to join poll



Dr. Laurie S. Starkey
Cal Poly Pomona

CHM 3140 Organic Chemistry I
Announcements 3/11/25

Today's Topic: Exam II Review

Alkanes & Cycloalkanes (Ch. 4)

Stereochemistry (Ch. 5)

^1H and ~~^{13}C~~ NMR, Part 1 (Ch. 15)

Weeks
5-8

Chapter 4
**Alkanes &
Cycloalkanes**

Chapter 5
Stereochemistry

Chapter 15
NMR, Part 1

Exam II

Up Next:

^1H NMR, Part 2 (Interpreting spectra)
See Section 15.10 and SkillBuilder 15.8
from 5th Edition!

Daily To-Do

Flipped Lectures

Part 2 (AFTER Exam II)

- Read [Klein Chapter 15, section 10](#)
- Watch flipped lecture
- Work through **SkillBuilder 15.8** (5th ed.)

5th edition PDF provided!

[NMR Part 2](#) (57 minutes)

Exam II Thursday, 3/13 (Chapters 4, 5, 15)

75-minute written exam

- no Scantron, no lecture after

No notes/calculators/model kits allowed

- Bring pencil(s), eraser

Sample exams on course homepage

- See typical length, format

You must come to your registered section

- 10 am, 3 pm or 5 pm (Check BroncoDirect!)

Extra office hour/review session (Isstarkey OH Zoom)

- Tuesday 3/11, 9-10 pm

1 Homework, 2 Canvas Quizzes

Ch. 4/5/15 text problems due on Th. 3/13

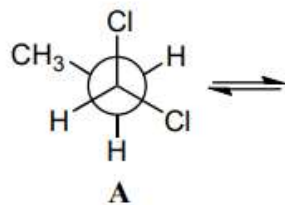
Don't wait until Thursday night! Set a reminder!

Free Red Ink (Gradescope)

California State Polytechnic University, Pomona

Organic Chemistry I, CHM 3140, Dr. L. S. Starkey, **Conformations Homework**

Name: _____ Day/Time: _____
a) By rotating the front carbon clockwise and 60° at a time, complete the series of Newman projections ($0^\circ \rightarrow 360^\circ$ rotation). Assign a label to each (A, B, etc.) for use in part b.



Canvas Quizzes



R/S Quiz

6 pts



Compare Quiz

6 pts

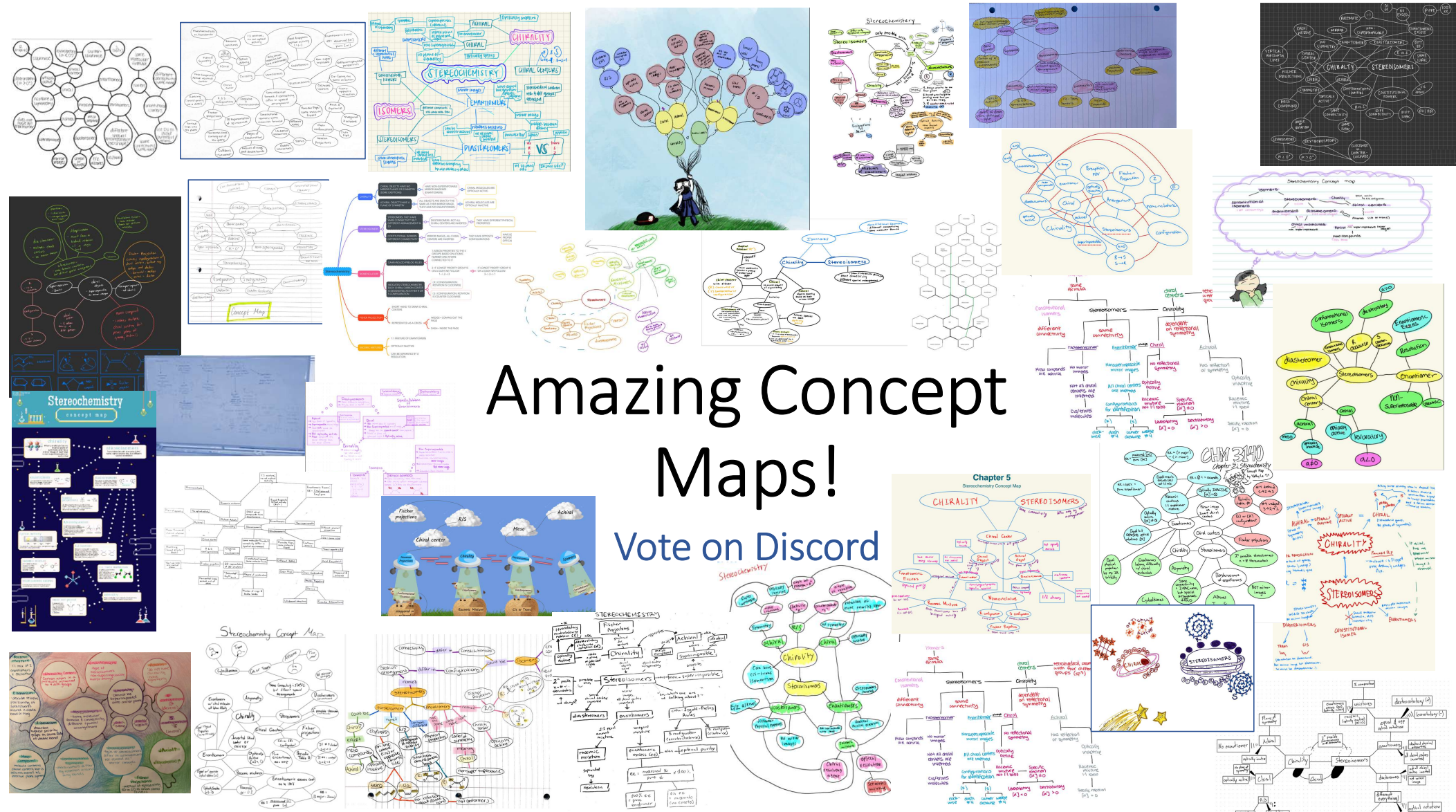


(Gradescope)

| | |
|-----------------------------|-----|
| Chapter 15 EOC/SkillBuilder | 5.0 |
| Chapter 4 EOC/SkillBuilder | 8.0 |
| Chapter 5 EOC/SkillBuilder | 8.0 |

Amazing Concept Maps!

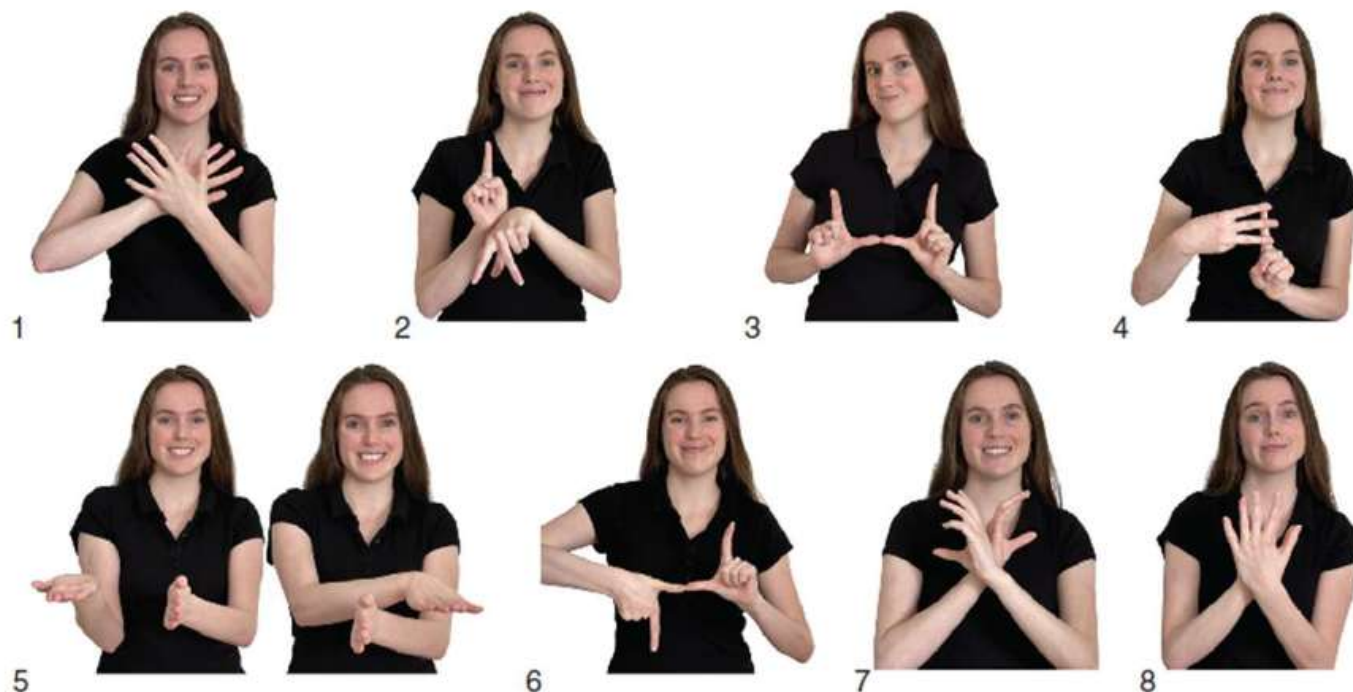
Vote on Discord





WorldLinks | Organic Chemistry as a Second Language

- Steric hindrance
- *Cis*
- *Trans*
- Tetrahedral
- Eclipsed
- Staggered
- Fischer projection
- Enantiomer



Former organic chemistry student and future Physician Assistant Christina Gloady is proficient in both the language of chemistry and American Sign Language (ASL).



Ready for March Madness?!

“Unbeknownst to most historians, Einstein started down the road of professional basketball before an ankle injury diverted him into science.”

Gary Larson, The Far Side