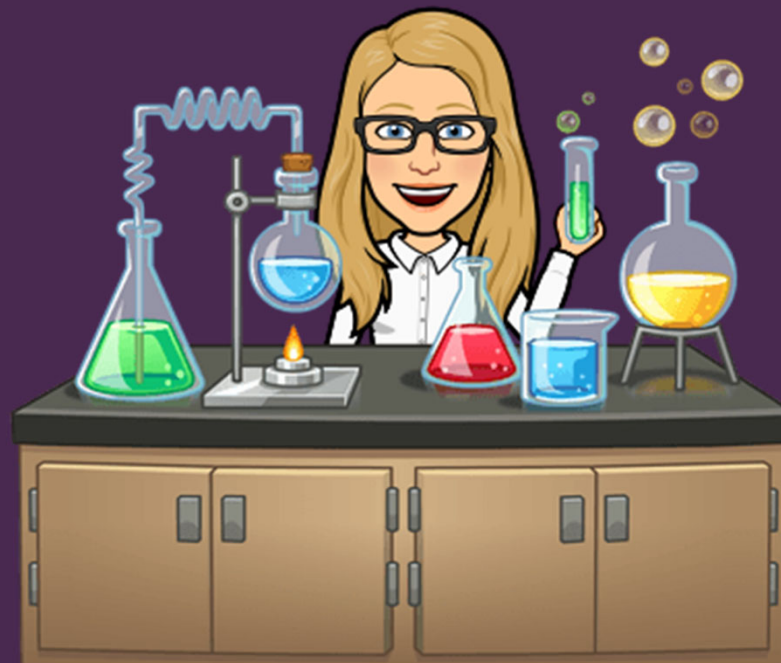




For clicker question voting, go to:
<https://pollev.com/lauriestarke263>



Dr. Laurie S. Starkey
Cal Poly Pomona

CHM 3150 Organic Chemistry II

Announcements 10/14/25



NCW Exploration
For Next Friday5



THE HIDDEN LIFE OF
SPICES

Today's Topics:

- Wrapping up Chapter 20
 - Exam II Review
- Carbonyl Additions (Ch. 19)
& Acyl Substitutions (Ch. 20)

Ch. 20 Part 4

- ✓ Watch
- ✓ Read
- ✓ Practice

Daily To-Do

Flipped Lectures

Step 4 (Nomenclature, Synthesis & Exam II Prep)

- Read Klein 20.2, 20.5 Nomenclature of Carboxylic Acids & Their Derivatives
- Work on in-chapter problems: 20.1a-f, 20.2bdef, 20.3a-d, 20.11a-l (skip g), 20.12c-h.
- Additional Ch. 20 Nomenclature practice:
[practice worksheet](#) and [answer key](#)

- Read Klein 20.13 Synthesis Strategies
- Work through SkillBuilder 20.1 (20.30a-f, 20.31) and SkillBuilder 20.2 (20.32ab)

- All Chapter 19 and 20 assignments are meant to prepare you for the exam, so they are due no later than 11 pm on the day of Exam 2

- [IUPAC - Carboxylic Acids and Derivatives](#)

37 minutes

skeleton not IUPAC 20-1 through IUPAC 20-3



The Importance of Nomenclature...

**“Take me to your
stove?...You idiot!
Give me that book!”**

Gary Larson, The Far Side

Exam II Thursday, 10/16 (Chapters 19 & 20)

65-minute written exam

- no Scantron, no lecture after

No notes, calculators, model kits allowed

- Bring pencil(s), eraser

See sample exams on course homepage

- See typical length, format

**Extra office hour/
review session**

(Zoom, recorded)

Tue. 10/14, 9-10 pm

Tracking Our Progress

CHM 3150 Organic Chemistry II, Dr. Laurie S. Starkey, Fall 2025

Tentative Schedule (Chapter and Worksheet #)

Week	Mon	Tues	Wed	Thurs	Fri
8	10/13	10/14 Ch.20 #4, Review	10/5	10/16 Exam II	10/17
9	10/20	10/21 Ch. 21 #1	10/22	10/23 Ch. 21 #2	10/24
10	10/27	10/28 Ch. 21 #3	10/29	10/30 Ch. 21 #4	10/31

Volatile Organic Compounds (VOC) from Dirty Socks



- Butyric acid
- 2-heptanone
- 2-nonanone
- 2-octanone
- Dimethyl sulfide