

March 2025 Newsletter



Faculty Spotlight



myUMBC Bio
Webpage

Dr. Tara Carpenter

Teaching Professor –
General Chemistry

Teaching Interests:

Learning how to learn
unlocks true student
potential.

Personal Factoid:

My favorite hobbies are
singing, playing guitar and
spoiling my dog.

Student Tip of the Month – “Know your limits when it comes to your course load, and Attend Lectures! Lectures are great for highlighting the most important points of the course material.”

Did you know? – That 25% of the United States gross domestic product (GDP) is supported by the business of Chemistry? – *from the American Chemical Council*

Department News

- Congratulations Lekan Ajiboye (PhD Candidate - Daniel Lab) on being selected into this year's cohort of the Homeland Security Startup Studio Program
- Geddes' lab publishes most recent advances in plasmonic current-based sensing in the Journal of Physical Chemistry C
- Seneviratne Group's latest results reveal significant differences in phosphatidylcholine metabolism in gemcitabine-treated pancreatic tumor tissues
- 10 alumni panelists returning for this year's Graduate Research Day that will feature 24 posters and 6 lightning talks from senior graduate students
- Dr. Liebman publishes his 30th edited book on organic chemical functional groups and their reactivities

Upcoming Events

Mar. 3 (12:00 pm – 1:00 pm; MEYR 256) – ACS Chemistry/Biochemistry Club Meeting - Guest Speaker Dr. Li from IMET

Mar. 14 (events all day; Chemistry Bldg) – Graduate Research Day

Mar. 31-Apr. 1 (afternoon; Breezeway to Commons) – ACS Bake Sale of Elements

Apr. 1st & 2nd (10:00 am – 4:00 pm; Apartment Comm. Ctr) – UMBC Suits You: Clothing Closet

Departmental Seminars

Seminars are held on Fridays at 12:00 in MEYR 120

Mar. 07: Dr. Li Zhu (Rutgers) – Advancing Materials Discovery: From Computational Methods to Real-World Applications

Mar. 14: Dr. Jennifer Soliz (Defense Threat Reduction Agency - DTRA) – Chemical, Biological and Nuclear Defense Sensing and Detection

Mar. 28: Dr. Craig Cameron (UNC – Chapel Hill) – Complexities of the Enterovirus Lifecycle Revealed by Analysis of Single Cells and Cell Pairs

Important Dates and Deadlines

Feb. 28 – Last Day to Register for an Internship/Independent Study/Research Credit

Mar. 15 – 23 – Spring Break (No Classes)

Apr. 4 – Last Day to Withdraw from a Course

*** - Time to Complete Applications for Summer Internships**

New Jobs, Internships and REU Listings

For an extended listing of recent job postings and internships; [click here](#)

- [Johns Hopkins Applied Physics Lab – Applied Chemist](#)
- [Mario Badescu Skin Care, Inc. – Senior Chemist](#)
- [LaMotte – R&D Chemist – Water Analysis](#)
- [Oak Ridge Institute of Science and Education Internships](#)
- [Undergraduate and Graduate Programs at the FDA](#)
- [Searchable database of 650+ Summer Research Programs](#)

Join the Chem/BioChem Jobs group – email bmoravec@umbc.edu to receive regular job/internship updates & postings

Resources

- Need Help with Chemistry Courses? – In addition to reaching out to your instructor, did you know about:
 - Chemistry Tutorial Center (Sign up to meet w/ a tutor; MEYR 145)
 - UMBC Tutoring Center (Walk-ins welcome; Library 1st Floor)
 - Peer assisted study sessions w/ SI Pass (Academic Success Center)
- Interested in Undergraduate Research?
 - Visit the department's website to see faculty's research programs
 - Email/Call faculty with appealing research – can be taken for credit or just experience
- Interested in Pre-Professional Programs (pre-med, pre-dental, etc.) – Don't miss out on advising
- Need help with your resume or interviewing advice? – Reach out to the UMBC Career Center

Follow the Department at
<https://chemistry.umbc.edu>

To get on the ACS Chem/Biochem Club mailing list, email ACS_Chapter@umbc.edu