

# March 2024 Newsletter



## Faculty Spotlight



**Dr. Katherine Seley-Radtke**  
Synthetic Organic and  
Medicinal Chemist

**Research Interests:**  
Design, synthesis and  
biological investigations of  
antiviral, anticancer and  
anti-parasitic drugs

**Personal Factoid:**  
I love cooking, wine tasting,  
traveling and very large dogs

[myUMBC Bio  
Lab Website](#)

**Student Tip of the Month** – “Don’t feel like tutoring is only for students who are struggling – it’s a great place to master the material”

**Did you know?** – Departmental glassblower (Anthony Baney) is the second generation of the Baney family to fill that role

## Department News

- Ryan Hoffman (Daniel Lab) awarded ACS Chesapeake Chemist Student Award for Research and Academic Excellence
- Graduate student Alexander Paredes (A. Smith lab) featured on HHMI video on “overcoming roadblocks in research”
- Drs. Arnold and Sui-Seng Tee (UMB; medical school) awarded grant to develop novel, real-time, in-vivo, glucose metabolism imaging technique
- Seneviratne group publishes latest results on anti-cancer and HIV drug metabolite mapping in tissues using mass spectrometric imaging in *Drug Metabolite and Disposition*
- Dr. Diana Hamilton, founding Director of the Chemistry Discovery Center, announces her retirement this summer

## Upcoming Events

**Mar. 1<sup>st</sup> (10:00 am – 8:00 pm)** – Chemistry & Biochemistry Graduate Research and Visit Day

**Mar. 1<sup>st</sup> (10:00 am – 2:00 pm; UC Ballroom)** – CNMS Admitted Student Sneak Peek Day

**Mar. 11<sup>th</sup> (12:00 – 1:00 pm; MEYR 256)** – ACS Council of Majors (Chem Club) Meeting

**Mar. 27<sup>th</sup> (4:30 pm – 6:00 pm; UC Ballroom)** – CNMS Science Discovery Series Seminar Evening

## Departmental Seminars

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

**Mar. 1:** Dr. Natalia de Val (Thermo Fisher) – Exploring Career Options: From Academia to Government and Industry

**Mar. 8:** Dr. Simone Brixius-Anderko (U. Pitt.) – Of HEMEs and HETEs: Targeting Fatty Acid Metabolizing Enzymes for Lung Cancer Treatment

**Mar. 11:** Dr. Ji-Long Liu (Shanghai Tech) – The Form and Function of Cytoophidia

**Mar. 29:** Dr. Jeff Neaton (UC - Berkley) – First-principles Design of Complex Multiferroic Solids

## Important Dates and Deadlines

**Mar. 1** – Last day to register for an Internship/ Independent Study/ Research Credit

**Mar. 16 - 24** – Spring Break (No Classes)

**Apr. 2** - Deadline to withdraw from class with “W”

## New Jobs, Internships and REU Listings

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

- [Chemist – US Dept of Justice – Drug Enforcement Agency](#)
- [Chemist/Biochemist – US Center for Disease Control](#)
- [Research Chemist – National Inst. of Standards and Tech.](#)
- [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](mailto: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 1<sup>st</sup> 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 on X (formerly Twitter; @UMBCChemistry) or at <https://chemistry.umbc.edu>

Follow ACS on Instagram (@umbcacs)