

May 2024 Newsletter



Faculty Spotlight



myUMBC Bio
Lab Website

Dr. Bradley Arnold

Physical Chemist and
Optical Spectroscopist

Research Interests:

Ultrafast reaction kinetics
monitoring and standoff
optical sensing

Personal Factoid:

I love playing Pokémon Go
with my granddaughter
and Native American art

Student Tip of the Month – “A model kit is very helpful for organic chemistry, if you haven’t been using one up until now, it can be helpful before finals”

Did you know? – On average, every departmental research group was awarded over \$300,000/yr for extramural research and student training efforts last year.

Department News

- Congratulations to our 2024 Graduating Senior and Faculty Excellence Undergraduate Awardees: Abdullah Bajwah, Garrett Hill, Aiden Mihalik, Fairine Ahmed, Viviana Smart, Ryan Hoffman, Kaylyn Stewart, and Amalthea Trobare
- Dr. van Staveren receives 2024 Molecular Sciences Software Institute (MoISSI) Faculty Fellowship
- Drs. Bindu Abraham, Joseph Bennett, Tiffany Gierasch and Allison Tracy each receive UMBC Career Connector Awards from the Career Center following student nomination
- Geddes’ Lab receives a CENTRE/FEAT Awards for entrepreneurship work on mixed metal nanofabricated substrates for broadband solar energy conversion
- Dr. Sudhir Dahal (Thermo Fisher Scientific) joins the Departmental Industrial & Government Advisory Board

Upcoming Events

May 10th (2:00 pm – 2:50 pm; Chemistry Courtyard) – Chemistry & Biochemistry Student Awards and Recognition Celebration

May 10th (3:00 pm – 5:00 pm; UC Ballroom) – CNMS Student Awards and Recognition Day

May 22nd (10:00 am – 12:00 pm; Events Center) – Graduate Student Commencement

May 23rd (3:00 pm – 5:00 pm; Events Center) – CNMS Undergraduate Commencement

Departmental Seminars

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

May 3: Dr. Nina Isoherranen (U. Wash.) – Towards Quantitative Adductomics: Novel Proteomics Methods to Identify and Quantify Unknown Protein Adducts

May 10: Dr. Xinxin Ding (U. Arizona) – Metabolic Mechanisms of Chemical Toxicity in the Lung

May 17 (12:00 – 4:00 pm): 1st year Chemistry PhD Student Seminar Presentations

Important Dates and Deadlines

May 14 – Last day of classes/Last day to withdraw from semester

May 16 - 22 – Finals week

May 28 – Summer session I begins/Last Day to add a course for Summer session I

Follow the Department on X (formerly Twitter; @UMBCChemistry) or at <https://chemistry.umbc.edu>

Follow ACS on Instagram (@umbcacs)

New Jobs, Internships and REU Listings

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

- [Staff Scientist – Becton Dickinson – Diagnostic Systems Group](#)
- [AstraZeneca – Senior Assay Scientist](#)
- [Johns Hopkins Applied Physics Lab – Research Chemist](#)
- [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