THE GRADUATE SCHOOL | MONTANA STATE UNIVERSITY

Chemistry & Biochemistry

DEGREES OFFERED

- M.S. in Biochemistry
- M.S. in Chemistry
- Ph.D. in Biochemistry
- Ph.D. in Chemistry

The Department of Chemistry and Biochemistry offers research-oriented programs culminating in Doctor of Philosophy degrees in either chemistry or biochemistry. Faculty from our department have expertise that spans a broad range of the traditional chemistry and biochemistry sub-disciplines including synthesis, spectroscopy, computational chemistry and structural molecular biology.

The Department of Chemistry and Biochemistry is one of the leading departments at MSU in grant expenditures ($7 million) in Fiscal Year 2016. Our research intensive graduate programs provide our doctoral graduates with a solid foundation in chemistry, biochemistry or biological chemistry, versatile problem solving skills, and outstanding opportunities for careers in academia and industry.

Our graduate program has been designed with care and individualized attention. We work hard to provide students with the training and mentoring that will enable them to develop into independent, critical thinking scientists and eventually become leaders in their chosen fields. An appropriate combination of coursework and independent investigation is mapped out with guidance from faculty advisors. Depending on the nature of a student's research project, courses can be taken in other departments on campus, and collaborative interactions with other research groups both within and outside of the department are quite common.

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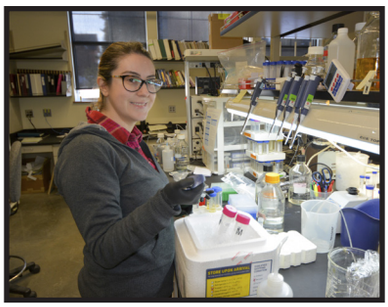

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MONTANA STATE UNIVERSITY | The GRADUATE SCHOOL

We believe that at the conclusion of their graduate education at Montana State University, students should have professional command of the fundamentals of their disciplines and the ability to initiate new lines of creative research that address important, timely questions in their fields. During their graduate career, students are inspired to think independently and to critically analyze scientific problems that span discipline boundaries. A high level of creativity and originality in research is expected of candidates for a Ph.D. degree in chemistry or biochemistry.

WHY CHOOSE MSU?

The Department of Chemistry and Biochemistry at Montana State University has about 20 faculty members and 15-20 incoming graduate students per year. MSU is the perfect place for students who prefer a more intimate learning environment with frequent interaction between students and faculty. The staff, faculty, research projects and facilities make our department an outstanding training ground for graduate students.

APPLYING TO OUR DEPARTMENT

Filling out and submitting an application form is the first step toward becoming a graduate student in the Department of Chemistry and Biochemistry. In order to apply, please visit: http://www.montana.edu/gradschool/admissions/apply.html.

If you have any questions about our program, please contact

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FACULTY AND Ph.D. INSTITUTION

Brian Bothner, University of Tennessee Health Science Center (Biochemistry)
Joan Broderick, Northwestern University (Biochemistry)
Patrik Callis, University of Washington (Physical)
Mary Cloninger, University of Wisconsin-Madison (Organic)
Matthew Cook, University of Bristol - UK (Organic)
Valerie Copie, Massachusetts Institute of Technology (Biochemistry)
Edward Dratz, University of California-Berkeley (Biochemistry)
Jennifer Dubois, Stanford University (Biochemistry)
Erik Grumstrup, University of Colorado, Boulder (Physical)
Roland Hatzenpichler, University of Vienna (Biochemistry)
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Thomas Livinghouse, Rice University (Organic)
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David Singel, University of Chicago (Physical)
Nicholas Stadie, California Institue of Technology (Physical)
Robert Szilagyi, University of Veszprém, Hungary (Computational)
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