

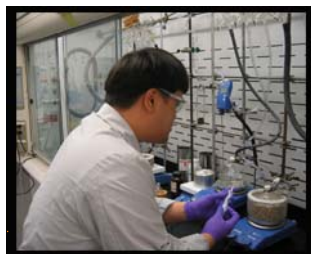
Graduate Study in Organic and Bioorganic Chemistry at Oregon State University

Research Interests

- Total synthesis of macrolides, alkaloids, terpenes, polyethers, and cyclic peptides.
- Catalytic transformations and organometallic chemistry.
- Development of new methods in enantioselective synthesis.
- Study of biomimetic pathways to natural products.

Graduate Program

- Graduate students in good standing are fully supported by a combination of research grants and/or departmental funds.
- 2003/2004 annual graduate stipend is \$18,000 plus the cost of tuition, totalling approximately \$33,000.
- Combined research group meetings and collaborative activities extend the learning environment.
- Active seminar series, including the Georg Buchi Lecture and the Linus Pauling Lecture, bring international and industrial guest speakers to OSU.
- Coursework is individually tailored to fit your interests.
- The Department has a good track record for job placement in top pharmaceutical/biotech companies as well as academic positions.



For more information, please visit our Organic and Bioorganic Chemistry website:
www.chemistry.oregonstate.edu/organic

E-mail: chemadm@oregonstate.edu
Toll-Free Phone: 1-800-557-7319

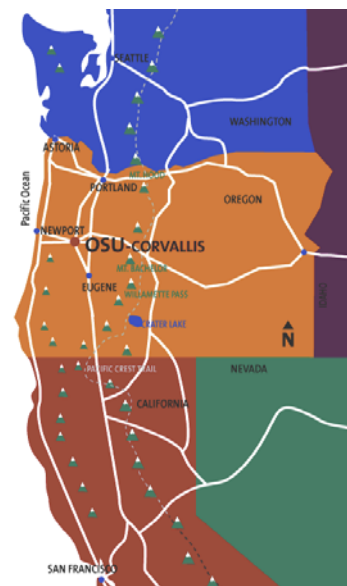
Facilities

- Gilbert Hall houses research and administrative offices with laboratories located in four additional buildings.
- Electronic library resources, including *SciFinder Scholar*, are licensed through OSU's Valley Library.
- Outstanding research facilities are available with up-to-date NMR instrumentation (300 MHz, 400 MHz and 600 MHz).
- In-house X-ray facility is staffed by a full-time Ph.D. crystallographer.
- OSU has a world-class, in-house low/high resolution mass spectrometry service.
- Glassblower, electrician and machinist are available to assist with research activities.

Corvallis and the Northwest

Corvallis (pop. 50,000) and the Willamette Valley, are flanked by the Coast Range and Cascade mountains. Beautiful natural areas nearby provide excellent hiking, biking, camping, rock climbing, fishing, canoeing, kayaking and skiing. The pleasant climate is characterized by summertime highs of 85° F, with clear

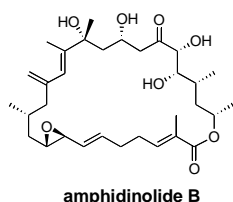
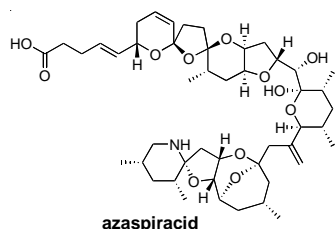
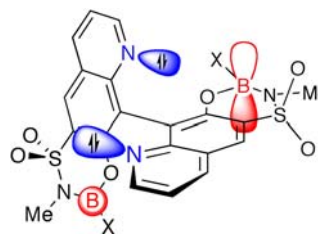
blue skies and low humidity, and mild wintertime lows of 37°F. While the Pacific Northwest is famous for rain that produces a beautiful green landscape, the annual precipitation in Corvallis is actually less than New York or Miami!



Organic and Bioorganic Chemistry at Oregon State University

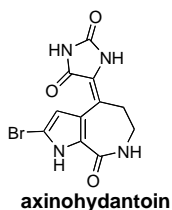
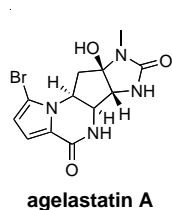
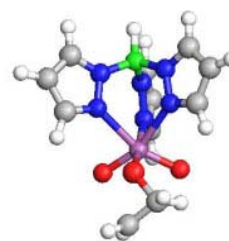


Paul R. Blakemore - Ph.D. University of Glasgow (paul.blakemore@oregonstate.edu). "Our research focuses on the development of unifying methodologies for asymmetric synthesis based on novel bifunctional reagents and catalysts."



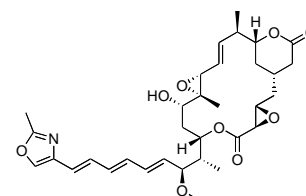
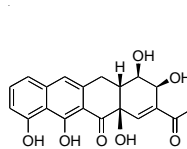
Rich G. Carter - Ph.D. University of Texas at Austin (rich.carter@oregonstate.edu). "Our research is focused on the construction of complex natural products possessing unique structural motifs and wide-ranging biological activity."

Kevin P. Gable - Ph.D. Cornell University (kevin.gable@oregonstate.edu). "We are interested in understanding organotransition metal chemistry in a manner that will lead to new catalytic transformations of organic molecules."



David A. Horne - Ph.D. Massachusetts Institute of Technology (horned@ucs.orst.edu). "Our research program encompasses the total synthesis of natural products with a focus on structurally challenging alkaloids with unique pharmacophoric entities."

James D. White - Ph.D. Massachusetts Institute of Technology (james.white@oregonstate.edu). "Our research program blends the study of synthetic methods with the total synthesis of natural products and other complex molecules."



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