

**Example of Annual Report (2007/08 academic year) required of all departments and programs in the College of Arts and Science at Miami University**

**DEPARTMENT OF GEOLOGY**  
**William K. Hart, Chair**

During the 2007-2008 academic year the Department of Geology furthered its strong commitment to undergraduate and graduate student learning, faculty and student scholarship, and professional activities and service. This year the department profile included nine full-time, in-house faculty (10 total), three visiting faculty, one research associate, two active emeritus faculty, five support personnel, 60 majors and minors, and 26 graduate students.

Over 300 students participated in department hosted thematic sequences and approximately 3,000 students were enrolled in Geology Miami Plan Foundation courses (GLG 111, 115.L, 121, 141) on the Oxford campus. The department also offered three honors courses (GLG 280D, GLG 141H, and GLG 115H) and a first-year seminar course (GLG F108). Field and laboratory experiences associated with many on-campus courses and field and/or lab based independent study commitments remained high. Our emphasis on field- and lab-based education extends into the summer and over spring and winter breaks. For example, this year over 100 undergraduate and graduate students and 165 Ohio educators benefited from 15 national and international workshop courses ranging from less than one to five weeks in duration. In addition to these hand-on experiences, Geology faculty also supervised the laboratory and/or field oriented independent research of numerous Miami undergraduate students, including mentorship of three Undergraduate Summer Scholars, one Dean's Scholars, multiple NSF supported summer students, multiple presentations at the Miami University Undergraduate Research forum, and approximately 50 publications and presentations at regional and national/international meetings.

This has been another excellent year for Geology faculty and student scholarship. The faculty received 14 new externally funded facilities, research, and education grant awards totaling over \$2.2M, and numerous internal grants (\$49K) in support of teaching and research. Our undergraduate, M.S., and Ph.D. students obtained over \$35K from external and internal sources in support of their research and conference presentation efforts, including 100% (5/5) success in the highly competitive annual Geological Society of America Student Research Grant competition. In addition, the department generated 41 research papers/chapters in leading journals and edited volumes, 7 published reports/notes/reviews, and 57 published abstracts of formal meeting presentations. Over 45% of these contributions were authored or coauthored by Miami undergraduate and graduate students. The research activities and overall profile of our faculty and graduate students are diverse and multinational. Ongoing collaborations with scholars throughout North America and from more than two-dozen additional countries continue to yield exciting field and laboratory opportunities. In addition, the department continued to develop educational interactions and potential joint graduate degree programs with China University of Geosciences, Beijing, and AGH-University of Science and Technology, Krakow, Poland.

The department contributed to a spectrum of professional, community, and university organizations and functions this year. Numerous Geology faculty served as editors of major journals and edited volumes, as officers of major international scientific organizations, and as conveners of national and international symposia. Our faculty continued to serve on a variety of college and university committees and actively contributed in a number of other arenas, including the Honors and Scholars Program, Institute for Environmental Sciences, Global Miami Plan initiative, Environmental Co-Majors and other environmental initiatives, and Institute for Learning in Retirement, to name a few. Faculty, staff, and graduate students also remained very active in outreach to local school districts via the Science Alliance and numerous other activities, and to local/regional professional earth science organizations. Finally, multiple Geology faculty received prestigious local and national awards in recognition of their accomplishments.