



The amount of the budget devoted to faculty development and student-faculty research will continue to grow.

College of Natural and Social Sciences

Overview

The College of Natural and Social Sciences includes the following 12 academic departments: Biology; Business Administration; Economics; Chemistry and Biochemistry; Computer and Information Sciences; Geosciences; Mathematical Sciences; Physics; Political Science; Psychology; Sociology, Anthropology, Social Work and Criminal Justice; and Speech Pathology and Audiology. Dr. David Ewing serves as dean of the College of Natural and Social Sciences. This college serves 2,000 students, has 100 full-time faculty, 50 part-time faculty, and 20 staff members. The college offers 40 majors, 20 minors, and five graduate programs. Recruitment is currently under way for seven faculty positions. This includes five replacement lines, one new line and one conversion line from the adjunct budget.

Highlights

Several major capital facility projects are currently underway. Planning for the new Science and Technology building is in full gear. All science and mathematics faculty and staff, and a representative group of students, have been meeting extensively with the

planning firm, and have now completed this \$60 million building's program study. The SUNY Fredonia Technology Incubator located in the city of Dunkirk is now in final design stage.

Alumni of the natural sciences met in June 2007 to discuss the strategic direction of these disciplines at Fredonia. The conference resulted in the formation of a natural sciences Advisory Council, which will provide support to achieve the goals identified at the conference.

Grant support to the college continues to grow, with \$1.8 million in active external support and \$1.5 million in new pending proposals.

Faculty honors include:

- Dr. James Hurtgen, professor of Political Science, was named a SUNY Distinguished Teaching Professor.
- Dr. Li Feng, assistant professor of Economics, was awarded a \$220,000 grant from the U.S. Department of Education to study the effects of teacher preparation and professional development on special education teacher quality.
- Dr. Michael Milligan, professor of Chemistry, was awarded a \$157,000 grant from the Environmental Protection Agency and the National Science Foundation to study concentrations of pollutants in fish, water, sediment and air.
- Dr. Gary Lash, professor of Geosciences, was awarded \$131,000 from the New York State Energy Research and Development Authority to address problems associated with natural gas and oil exploration in Western New York State and Western Pennsylvania.

Molly Geary and Jessica Suraf, both juniors, won first place for their research poster presentation, "Where is Bilingual Education Going in the U.S.?" at the New York State Speech Language and Hearing Association conference. For the tenth year in a row, SUNY Fredonia's Students for Free Enterprise (SIFE) team won the SIFE USA Regional Competition.



Planning Assumptions

Planning assumptions used in the development of the 2008-2009 budget for the College of Natural and Social Sciences include the following:

- Full funding for all existing positions.
- Funding for one new position in Economics.
- Funding for one conversion line in Biology.
- Funding of replacements for five positions.
- Enrollment will increase by approximately 20 students.

Operating Budget

The 2008-2009 budget will allow the College of Natural and Social Sciences to continue to make progress on strategic goals. Continued funding for the School of Business, which includes Business Administration and Economics, including a new faculty line in Economics, will allow the multi-year process of AACSB accreditation to move forward. The natural science programs have been growing; a new tenure-track faculty line in

Aquatic Biology will advance the Biology and Environmental Sciences programs. The amount of the budget devoted to faculty development and student-faculty research will continue to grow. Matching funds will continue to come from the college budget to leverage grant support. In partnership with Information Technology Services, the budget will allow updated technology for classrooms and for faculty to continue to be priorities.

The successful recruitment for conversion and new faculty lines will provide additional sections of Principles of Macroeconomics, Principles of Microeconomics Statistics for Business in Economics, Monetary Economics in Economics as well as Environmental Biology, Fisheries Science, Current Environmental Topics, Global Environmental Issues and Environmental Assessment in Biology. Additionally, the successful recruitment for the five vacant positions will enable the college to provide adequate sections in the areas of Speech Pathology and Audiology, Business Administration, Biology and Sociology, Anthropology, Social Work and Criminal Justice.



Dean of the College of Natural and Social Sciences David Ewing.

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