

Biochemistry and  
Molecular Biology

Biological Sciences

Chemistry

Geological Sciences

Mathematics  
and Statistics

Neuroscience, Cell Biology,  
and Physiology

Physics

Psychology

*the* EQUATION  
THE WRIGHT STATE UNIVERSITY COLLEGE OF  
SCIENCE AND MATHEMATICS NEWSLETTER

WINTER 2006

# Pioneering Spirit. Innovation.

These words exemplify the Wright brothers and the university that is proud to bear their name. In the decades following the Wright brothers' first flight, Dayton became known as a center for innovation in a variety of fields. Thanks to the vision of those who created Wright State University, that legacy continues into the 21st century.

From its inception, the College of Science and Mathematics has been a source of pride for Wright State. Our first four decades boast many notable accomplishments.

- The college received more than \$5 million in external research funding in 2004-2005.
- The Biomedical Sciences Ph.D. program was the university's first doctoral programs and celebrated its 25th anniversary in 2005.
- The Science Education, Environmental Science, and Human Factors and Industrial Organization programs are unique nationally.
- The Creating Laboratory Access for Students in Science (CLASS) project has developed model techniques and instruments that allow students with physical disabilities to perform exciting laboratory experiments in K-12 classrooms.
- A CoSM graduate was appointed by President Bush to serve as Assistant Secretary of the Navy, and a CoSM professor was appointed to help oversee the State of Virginia crime laboratory.
- Science outreach activities, which promote science and mathematics, serve 3,000 local K-12 students annually.

Whether in the classroom, the laboratory, or the community, our professors, students, and alumni use their pioneering spirit and innovation to make a difference. We now stand ready to build on those successes for even greater achievements in the future.

Originally constructed in the 1960s and 1970s, our facilities require upgrading to stay in step with modern technology. The CoSM renovation project will occur in several phases over six years and result in an additional 33,000 square feet of teaching, research, and student-learning space.

The project includes a new building and additional academic space in Brehm Laboratory, as well as renovation of existing spaces. The new 27,000 square foot facility will provide space for the Center for Genomics Research, the Wright Brothers Institute, and parts of three existing CoSM departments. This 14.5 million dollar facility will be physically connected with the two existing Biological Sciences buildings, creating a campus centerpiece focused on science. Just as the Wright brothers and the founders of Wright State University understood, it takes a supportive community to effect change. You have an

“Life is good  
for only  
two things,  
discovering  
mathematics  
and teaching  
mathematics.”

—*Siméon Poisson*

opportunity to participate in the pioneering transformation that is taking place on campus. The financial support of CoSM graduates like yourself can make a difference and can help ensure that laboratories and facilities are up to the task of producing a new generation of dynamic scientists and mathematicians. Please consider making an investment in the future of our students, our university, and our community. To donate, please use the envelope enclosed or, for more information, contact Stacia Edwards at (937) 775-3180.



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