ADVANCING HOUSTON SCIENCES

The College of Natural Sciences and Mathematics (NSM) is emerging as a nationally-recognized research institution. NSM is building strong health care collaborations and partnerships with the Texas Medical Center as well as bridging its research expertise with NASA and into Houston's energy sector. These collaborations, naturally extending across the globe, are creating tremendous research opportunities and attention. Currently, researchers are developing infection-resistant coatings for biomedical implants and exploring gene mutations connected to chronic diseases. In collaboration with the College of Education, NSM prepares tomorrow’s secondary mathematics and science teachers through teachHOUSTON, which gives students hands-on exposure to teaching beginning in their freshman year, yielding well-prepared, certified teachers with a solid foundation in math and science. NSM’s outreach programs with area school districts engage students and teachers in science and mathematics initiatives.

RESEARCHING SUCCESS

The College of Natural Sciences and Mathematics is dedicated to teaching, research and service in the physical and biological sciences, computer science and mathematics. With more than 180 ranked faculty members, NSM is shaping the minds and careers of more than 5,000 students each year. As part of the University’s biomedical initiative, UH and NSM is home to the Center for Nuclear Receptors and Cell Signaling. Scientists in this center are researching next generation pharmaceuticals and medical technologies to treat cancer, diabetes and other diseases.

“We are well on our way towards new recognition as a premier metropolitan research college, helping the University of Houston reach top-tier national and international status.”

– Dan E. Wells, Dean

To learn more, please go to nsm.uh.edu
Office of the Dean: 713-743-2611
COMPETITIVE VISION
From training nanobiologists and next-generation petroleum and environmental scientists, to producing nationally-recognized computer gaming design student teams, the College of Natural Sciences and Mathematics transforms possibilities into breakthroughs. The college’s highest priority is to prepare the next generation of scientists to solve global health, energy and environmental challenges through excellence in education and relentless dedication to research. Currently, the NSM vision includes investing more in research and award-winning faculty; recruiting and retaining the highest achieving students; expanding the commitment to diversity; and advancing achievement through outstanding teaching and innovative science.

DEPARTMENTS
Biology and Biochemistry
Chemistry
Computer Science
Earth and Atmospheric Sciences
Mathematics
Physics

STUDENT, FACULTY, PROGRAM SUCCESS

• Faculty honors for 2013 include an American Mathematical Society Fellow, a Cottrell Scholar, a Fulbright Scholar, a Piper Professor and the Welch Foundation’s Norman Hackerman Award in Chemical Research.

• Eight faculty members hold National Science Foundation Career Awards and one holds a Department of Energy Early Career Research Award.

• Research activity and opportunity supported by nearly $34 million in research funding.

• Innovative resources enhance student success, including a centralized testing and tutoring center, peer-led team learning workshops, and Freshman Interest Groups.

• Efforts to recruit and retain minority students in science, technology, engineering and mathematics are a priority coordinated at NSM through the Houston-Louis Stokes Alliance for Minority Participation.

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The University of Houston is an AA/EEO institution.