School of Natural Sciences and Mathematics

The School of Natural Sciences and Mathematics (NS&M) houses six departments, each with graduate programs: Biological Sciences (MS, PhD); Chemistry and Biochemistry (MS, PhD); Geosciences (MS, PhD); Mathematical Sciences, emphasizing Applied Mathematics and Statistics and Actuarial Science (MS, PhD); Physics (MS, PhD); and Science and Mathematics Education (Master of Arts in Teaching). In addition, there are three interdisciplinary degrees offered: Bioinformatics and Computational Biology (MS) and Geospatial Information Sciences (MS, PhD). Each program is relatively small and thus able to provide excellent graduate student-faculty contact, while maintaining a strong research program. Increasingly, departments interact with each other in research, allowing interdisciplinary efforts to flourish. A number of well-funded Research Centers and Institutes are also housed in NS&M; these allow graduate students to approach real world, cutting edge research problems while working side by side with professional research staff and internationally recognized faculty. They are: the Center for Applied Biology; the Center for Lithospheric Studies; the UT Dallas NanoTech Institute; the Center for Quantum Electronics; and the Center for Space Sciences.

Degrees Offered

Faculty

Distinguished Chair in Natural Sciences and Mathematics; Dean of the School of Natural Sciences and Mathematics: Bruce M. Novak

Cecil and Ida Green Distinguished Chair in Systems Biology; Professor of Chemistry: A. Dean Sherry

Distinguished Chair in Natural Sciences and Mathematics: Roderick A. Heelis

Green Distinguished Chair in Academic Leadership: B. Hobson Wildenthal


Assistant Professors: Maxim Arnold, Carlos Arreche, Zachary Campbell, Bhargab Chattopadhyay, Sy Han (Steven) Chiou, Sheena D'Arcy, Nicole De Nisco, Nikki Delk, Sheel Dodani, Qingwen Hu, Michael Kesden, Michael Kolodrubetz, Frank Konietschke, Jiyong Lee, Yifei Lou, Lloyd Lumata, Bing Lv, Oleg Makarenkov, Gabriele Meloni, Jyoti Misra, Faruck Morcos, Tomoki Ohsawa, Kaloyan Penev, Xiaoyan Shi, Sunyoung Shin, Russell Stoneback, Anh Tran, Nathan Williams, Fan Zhang, Hejun Zhu

Clinical Professors: Natalia Humphreys, Wenyi (Roy) Lu, David Murchison

Clinical Associate Professor: Mohammad Akbar

Research Professor: Duck Joo (D. J.) Yang

Research Assistant Professors: Lan Guo, Li Liu


Master Teachers: Katherine (Katie) Donaldson, Floyd Dorsey, Billy Gammons, Pamela (Pam) Kirkland, Amin Lalani, James (Jim) McConnell, Megan (Kate) York


Associate Professor of Instruction: My Linh Nguyen

Assistant Professors of Instruction: Caitlin Braitsch, Ida Klang, Mortaza Pirouz, Eva Sadat, Zhuoru Wu

Updated: 2020-05-04 16:07:10 v2.2b5778