NTU Accounts for Over Half of New Academia Sinica Academicians

NTU professors and alumni make up over half of Academia Sinica’s latest group of academicians. That 13 of the 20 new academicians are associated with NTU is a further demonstration of our academic preeminence in Taiwan.

Mathematics and Physical Sciences

Po-ming Chiang
Department of Geosciences distinguished professor, Department of Geosciences graduate (1963)
Focus: Geosciences

Frank Mau-chung Chang
Department of Physics graduate (1972)
Focus: Heterojunction transistors and high-frequency and mixed-signal integrated circuits for telecommunications applications

Shaw-chen Liu
Visiting Professor (1992-1993), Department of Atmospheric Sciences adjunct professor (2000-present) and joint professor (2006-present)
Focus: Environmental sciences, atmospheric sciences

Alice Sun-yung Chang
Department of Mathematics graduate (1970)
Focus: Differential geometry, partial differential equations

Ker-chau Li
Department of Mathematics joint professor, Department of Mathematics graduate (1970)
Focus: Mathematical statistics, high-dimensional data, bioinformatics

Tso-ping Ma
Department of Electrical Engineering graduate (1968)
Focus: Semiconductor physics and technology

Jing Yu
Department of Mathematics professor
Focus: Number theory, arithmetic geometry

Fu-tong Liu
College of Medicine professor (2011-present), Department of Chemistry graduate (1970)
Focus: Galectins, allergic inflammation, atopic dermatitis

Soo-chen Cheng
Department of Chemistry graduate (1977)
Focus: Biochemistry, molecular biology

Tao-hih Hsieh
Department of Chemistry graduate (1970)
Focus: Biochemistry

Ming-daw Tsai
Institute of Biochemical Sciences joint professor, Department of Chemistry graduate (1972)
Focus: Biophosphates, enzymology, signal transduction, chemical and structural biology

Shou-chien Shih
Focus: Art history

Yun-han Chu
Department of Political Science professor, Department of Political Science graduate (1977)
Focus: Political science

Materials Scientists Named ASM International Fellows

Two professors from the Department of Materials Science and Engineering, Distinguished Professor and Chairman C. Robert Kao and Distinguished Professor Chun-hwah Hsueh, received the honor of being named a fellow of ASM International. ASM International is one of the leading professional organizations of the international materials science and engineering academic community.

Chairman Kao’s research interests include 3D integrated circuit integration, microelectronic and nanoelectronic packaging, and optoelectronic packaging. He is the editor of two prestigious international journals and has an impressive h-index of 29.

Prof. Hsueh’s research is focused primarily on analytical modeling. He is a fellow of the American Ceramic Society and World Innovation Foundation as well as an ISI Highly Cited Researcher in Materials Science.