

PRESS RELEASE

January 26, 2018

Fifth Nano Research Award goes to Lei Jiang and Chad Mirkin

Tsinghua University Press and Springer Nature honor two of the world's leading experts in nanoscience and nanotechnology

Two outstanding scientists have been awarded the annual Nano Research Award which is sponsored by Tsinghua University Press (TUP) and Springer Nature. Lei Jiang is professor at the Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, and Chad Mirkin is the George B. Rathmann professor of chemistry at Northwestern University. Both winners have been invited to give keynote speeches at the 2018 Sino-US Nano Forum in Chengdu, China.

Lei Jiang was selected for the award in recognition of his significant contributions to bioinspired interfacial material systems with superwettability, particularly those aimed at building superwettability interfacial material systems. He was selected as a member of the Chinese Academy of Sciences, a member of the Academy of Sciences for the developing world and a foreign member of the US National Academy of Engineering, and he has been recognized for his accomplishments with a Humboldt Research Award (Germany, 2017), a Nikkei Asia Prize (Japan, 2016), a MRS Mid-Career Researcher Award (USA, 2014), a National Natural Science Award (China, 2nd grade, 2005), and many other honors and awards. He is a part-time professor of Monash University (Australia), and a visiting professor of Drexel University (USA), Wollongong University (Australia), Peking University (China) and Jilin University (China).

Chad Mirkin has received this award because of his invention of dip-pen nanolithography and a suite of cantilever-free scanning probe lithography tools as well his invention and development of spherical nucleic acids and the many materials and devices that have resulted from them, which have improved lives and dramatically increased our scientific understanding and capabilities. He was recently elected a foreign member of the Chinese Academy of Sciences. In addition to being an elected member of the American Academy of Arts and Sciences, Mirkin is one of a select few living scientists who are members of all three US National Academies (Science, Engineering, and Medicine). Mirkin has been recognized for his accomplishments with over 120 national and international awards including the William H. Nichols Medal Award, the Dickson Prize, The \$500,000 MIT Lemelson Prize, the RUSNANOPRIZE, Israel's Dan David Prize, the American Institute of Chemists Gold Medal, the Raymond and Beverly Sackler Prize in Convergence Research, the Linus Pauling Medal, and Austria's Wilhelm Exner Medal.

The Nano Research Award was established by the journal *Nano Research* together with TUP and Springer Nature in 2013. It is awarded for outstanding contributions to nano research by an individual scientist. The winner is selected after receiving nominations from the members of the *Nano Research* editorial board by an award committee made up of the editors-in-chief, associate editors, and representatives from TUP and Springer Nature. Prof. Charles M. Lieber of Harvard University, Prof. Paul Alivisatos and Prof. Peidong Yang, both of the University of California (UC) Berkeley, Prof. Yi Xie of University of Science and Technology of China were the first four recipients of the award.