

NANO HIGHLIGHT

CPN and Agilent Cosponsor Seed Grants for Innovative Research

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PIs: **Kathryn Moler, David Goldhaber-Gordon**
Center for Probing the Nanoscale, Stanford CA



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Agilent Technologies

The Nanoscale Science and Engineering Center for Probing the Nanoscale (CPN) has announced the winners of the annual seed grant competition. The NSF-funded CPN is a collaborative effort between Stanford and IBM that focuses on the development of novel tools for probing the nanoscale. The Center comprises investigators in over five academic departments and two industry research centers and encourages interdisciplinary interactions through an annual seed grant competition. The seed grants are awarded to investigators showing exceptional promise and innovation in nanoscale or nanotechnology-related research.

The CPN is committed to rapidly transferring novel technology to industry for commercialization. This year, Agilent Technologies partnered with the CPN by cosponsoring two seed grants. These seed grants reflect Agilent's broad interest in developing and commercializing nanoscale measurement tools for research, product development, and manufacturing.

The winners of the 05-06 seed grant competition are:

<i>Title</i>	<i>Investigator(s)</i>	<i>Department</i>
Exploration of Societal and Ethical Issues Connected to Scientific Images	Gail Wight	Art and Art History
Metal Nanowires as New Probes for Scanning Electrochemical Microscopy	Yi Cui	Materials Science and Engineering
Developing an Improved Microwave Microscope*	Zhi-Xun Shen Michael A. Kelly	Applied Physics and Physics Materials Science and Engineering
An Efficient Near-Field Scanning Optical Microscope With Less Than 10nm Resolution*	Gordon S. Kino W. E. Moerner	Electrical Engineering Chemistry

*Grants cosponsored by CPN and Agilent Technologies