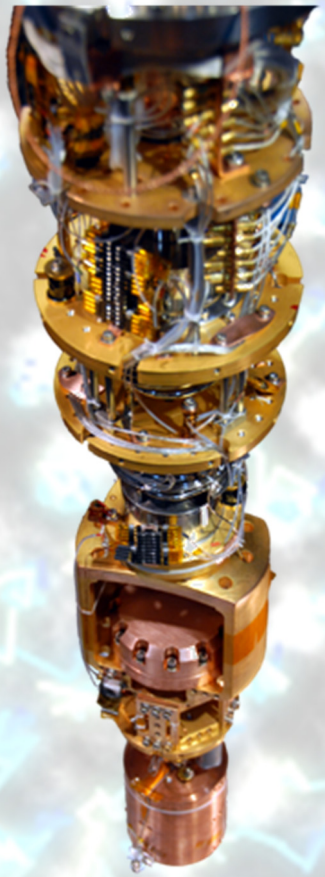
# 2017 KIC INSTRUMENTATION PROJECTS



**KIC INSTRUMENTATION PROJECTS support the purchase, development, and use of novel scientific tools and approaches for probing the nanoscale.** Projects/equipment must be designed to push the state-of-the-art of imaging and measurement science, and typically will be leveraged by proposer contributions of money or personnel. Each application must have two or more faculty sponsors, as well as the pre-approval of a KIC executive committee member. High-risk, high-reward projects are strongly encouraged. The project duration will normally not exceed two years. The size of these awards will be determined on a case-by-case basis, but will typically range from $20,000 - $100,000. Larger amounts are possible for exceptionally strong proposals. Approximately $150,000 is available to be allocated per year.

**APPLICATION REQUIREMENTS**

(a) **Description of proposed research (no more than 2 pages).** Names of the Cornell faculty proposers (two or more) must be listed at the top of the proposal, as well as the consulted KIC executive committee member (Paul McEuen, David Muller, Grace Xing, Dan Ralph, Hector Abruna or Abe Stroock). The KIC member need not be involved in the research, but he/she will play an essential role in overseeing the project's progress and integrating the research into the other activities of KIC.

**(b) Cost Justification (quotes, etc.)** The proposal must have a major component developing next-generation tools or protocols for imaging/control at the nanoscale. Early discussions with KIC executive committee members about the suitability of proposals are encouraged. An oral presentation of the proposal may also be requested.

**Please forward all materials (pdf format preferred) to: kicnano@cornell.edu**

**DEADLINE FOR ALL MATERIALS IS SEPTEMBER 15, 2017**

**THE KAVLI INSTITUTE AT CORNELL FOR NANOSCALE SCIENCE** is devoted to the development and utilization of next-generation tools for exploring the nanoscale world. The Institute creates new techniques to image and dynamically control nanoscale systems and uses these techniques to push the frontiers of nanoscale science. KIC's measurement-oriented mission complements the existing strengths at Cornell in nanofabrication (CNF, NNCI), nanoscale materials (CCMR), and mission-oriented centers. For more information, see http://www.kicnano.cornell.edu/

KIC
Kavli Institute at Cornell for Nanoscale Science