



**KIC POSTDOCTORAL FELLOWS: CALL FOR APPLICATIONS**

**THE KAVLI INSTITUTE AT CORNELL** 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, NNIN), nanoscale materials (CCMR), and mission-oriented centers (CNS, EMC2, KAUST-CU, NBTC). For more information, see <http://www.research.cornell.edu/KIC>

**KIC POSTDOCTORAL FELLOWS are high-profile, two-year postdoctoral positions with significant independence and resources.** The KIC Fellows program is designed to attract the best and brightest young researchers in nanoscale science to Cornell. Fellows will work in partnership with Cornell faculty sponsors on projects consistent with the KIC mission. They will have access to the unparalleled resources and faculty available at Cornell in nanoscale science and technology. They will have offices at the KIC laboratories and the use of the KIC Facilities in the new Physical Sciences Building, but they can also work primarily in host faculty labs or other facilities on campus. Monthly luncheons for the Fellows and the KIC Members and other activities will promote cohesiveness and cooperation. Funds for expendables and travel will be available. Applications will be judged on the qualifications of the candidate, the quality and originality of the proposed research, and its suitability to the KIC mission. Approximately 2 Fellowships will be awarded per year. All Fellows agree to put the KIC byline on all publications and presentations during their appointment.

**A KIC Fellow application must have at least two Cornell faculty sponsors.** A KIC Executive Committee member must agree to serve as a facilitator—please contact the member whose research areas are the closest match (either Michal Lipson, Paul McEuen, David Muller, Jiwoong Park, Dan Ralph, or Abe Stroock). The KIC Executive Committee member need not be a primary sponsor, but he/she will play a role in monitoring the fellow's progress and integrating them into the activities of KIC.

**APPLICATION REQUIREMENTS**

- 1. Candidate CV, including publication list.**
- 2. One-page description of proposed research,** with a major emphasis on developing or utilizing next-generation tools for imaging/control at the nanoscale. Names of the Cornell faculty sponsors, as well as the KIC Executive committee facilitator, must be listed. Applicants must consult with their Cornell faculty sponsors and facilitator before submitting any materials.
- 3. Letters of support from Cornell sponsors.** A single letter cosigned by multiple sponsors is acceptable.
- 4. Two additional general Letters of Recommendation** (e.g., from thesis advisor, collaborators)

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

**DEADLINE FOR ALL MATERIALS: MARCH 11, 2011.**