

COLUMBIA NANO INITIATIVE

Research Position: Columbia CNI Postdoctoral Research Scientist

The Columbia University Nano Initiative (CNI) is seeking outstanding candidates for CNI Postdoctoral Research Scientists. The CNI Postdoctoral Research Scientists work directly within the CNI program, collaborating across research groups to help drive and support the basic goals and directions of the CNI. The Center is dedicated to the vision of developing science and technology that can drive new generations of nanoscale materials (see <http://nano.columbia.edu/>).

Candidates should hold a PhD degree in Chemistry, Physics, Applied Physics, Electrical Engineering, Materials Science, Mechanical Engineering or related science. Candidates must demonstrate a very strong scientific or engineering background as evidenced by research publications in peer-reviewed journals and other awards and activities. In addition candidates should demonstrate a record of successful collaborative research, preferably across disciplinary lines. Candidates should be effective independent researchers, capable of developing a research program built around CNI program themes and in collaboration with CNI Principal Investigators. Candidates should have strong leadership qualities and possess excellent communication skills.

The CNI Postdoctoral Research Scientists will work with the CNI Directors to develop a research plan involving exploration of new horizons in the science and engineering of nanoscale materials, electronics, and photonics. This plan will involve collaboration with two or more Principal Investigators within the CNI program. For details, please see the web site <http://nano.columbia.edu/> or contact cnifellows@columbia.edu.

We anticipate an initial appointment for one year, renewable for a second year by mutual consent. Salary is competitive and is commensurate with experience. In addition, a scholarly fund to support research will be made available to the appointed fellow.

Interested candidates should send a cover letter, a copy of their current CV, and the names (with email contact information) of three academic references to cnifellows@columbia.edu. Please include "CNI Postdoctoral Research Scientist" in the subject line. Preference will be given to applications received before January 1, 2017. The start date of the appointment will be between July and September of 2017.