

Postdoctoral Fellowship in Nanocombinatorial Chemistry

There is immense potential surrounding research in nanocombinatorial chemistry, and the International Institute for Nanotechnology (IIN) at Northwestern University is spearheading an effort to hire postdoctoral fellows who will engage in interdisciplinary research in one or a combination of these topics: materials synthesis, AI and machine learning, microscopy and materials characterization. These IIN Center for Nanocombinatorics Postdoctoral Fellows are afforded the opportunity to work across traditional boundaries.

This prestigious award will support brilliant, young scientists and engineers from institutions around the world as they conduct independent research under the mentorship of top nanoscience and nanotechnology researchers at Northwestern University. These positions would involve one or more of the participating faculty members listed below.

- Vinayak Dravid
- Mark Hersam
- Chris Wolverton
- George Schatz
- Wei Chen
- Ted Sargent
- Sossina Haile
- Mike Bedzyk
- Omar Farha
- Nathan Gianneschi
- Ankit Agrawal
- Linsey Seitz
- Neil Schweitzer
- Todd Gingrich
- Roel Tempelaar
- Bryan Hunter
- Dayne Swearer

Qualified candidates will have earned a doctoral degree within the past year or be expected to earn a doctoral degree within the next year. They must have demonstrated innovation, as well as outstanding achievement in their doctoral research and possess independent research abilities and ambitious scientific goals. Applicants must not hold any position, paid or unpaid, with Northwestern throughout the nomination and award process.

Application Process:

Applicants must secure, or be in the process of securing, a postdoctoral appointment with an IIN faculty member and be nominated for an IIN Center for Nanocombinatorics Postdoctoral Fellowship by their sponsoring professor. The IIN does not accept self-nominations. Please directly contact the professors listed above and mention your interest in the IIN Center for Nanocombinatorics Postdoctoral Fellowship. After candidates are nominated by sponsoring faculty, they are evaluated and selected by Committee. Nominations are accepted on a rolling basis.

Funding:

IIN Postdoctoral Scholars receive a \$75,000 stipend per annum. A travel fund of \$2,000 per annum will also be provided as well as a maximum one-time allowance of \$3,000 to defray relocation costs for IIN Fellows and their immediate families.

Term:

Fellowships are awarded for one-year with the possibility of renewal based on performance and availability of funds.

Questions:

Contact nanotechnology@northwestern.edu