

Post-doctoral Research Position Available

University of Connecticut

Chemical, Materials, and Biomolecular Engineering Department

We are seeking a highly motivated post-doctoral research to work on a novel program in alternative solar energy harvesting based on plasmonic nanostructures. The research will investigate nanoscale antenna structures for direct harvesting of visible and near-IR radiation. The research effort is a collaboration between a small business and academics with the goals to revolutionize solar energy harvesting with higher efficiency and lower manufacturing costs compared to traditional semiconductor materials.

Research will be carried out at the Storrs campus of the University of Connecticut, located in the Northeast corner of Connecticut approximately 1 hour from Boston and 2 hours from New York City.

Qualifications should include experience with Nanofabrication, e.g. lithography, deposition, etch, and electrical and/or optical measurement techniques. The candidate should have the ability to work independently and communicate effectively. Experience with atomic layer deposition and/or chemical vapor deposition is desirable but not required. The initial appointment is for 1 year, but may be extended.

For further information, please contact Dr. Brian Willis, bgwillis@engr.uconn.edu. Please use "post-doctoral position in nanoplasmonics" as the subject line.