Applicants are invited to apply for Postdoctoral Scholar position to join Dr. Supratik Guha research group in the Institute for Molecular Engineering at the University of Chicago. Research in the Guha lab focuses on research in developing new rare earth doped epitaxial oxides that are silicon compatible for solid state qubits for quantum information science. The post-doctoral researcher will have the opportunity to interact with a variety of scientists both at the Institute for Molecular Engineering at the University of Chicago, and at Argonne National Laboratory. He/she will have access to a brand new experimental synthesis facility consisting of a new Riber MBE system, a AJA UHV-sputter system and a Fuji ALD system, as well as access to state-of-the-art electrical, optical, and physical characterization equipment and cleanroom access for device fabrication.

We are seeking a creative scientist with a Ph.D. in Materials Science, Applied Physics, or Electrical Engineering. Experience with thin film deposition in ultra-high vacuum environments is essential, and experience with molecular beam epitaxial growth systems for semiconductors, oxides or metals is highly desirable.

If interested, please send your CV to Supratik Guha ([guha@uchicago.edu](mailto:guha@uchicago.edu)). For more information on the Guha research group please visit: <http://guha-lab.ime.uchicago.edu/index.html>.