

Materials Research Laboratory: An NSF MRSEC University of California, Santa Barbara CA 93106

Postdoctoral position

Applications of NMR techniques in Materials Chemistry

We seek an ambitious and driven postdoctoral fellow with prior expertise in magnetic resonance as applicable to problems in materials chemistry and physics. The expertise should include some combination of MAS NMR including 2D techniques, PFG NMR, NMR Imaging, DFT modeling associated with NMR, and ESR. The candidate is expected to concurrently develop expertise in cognate materials characterization techniques including X-ray and neutron total scattering. The ability to collaborate, and to communicate effectively is a must. Recent PhD's preferred.

The position, which could start as early as April 2018, will be under the joint supervision of Professors Anthony K. Cheetham FRS and Ram Seshadri. The successful candidate would employ the suite of tools available at the UCSB MRSEC, including 300 MHz-SWB, 400 MHz-DNP, 500 MHz and 800-MHz NMR spectrometers equipped for a wide range of nuclei.



Please send a cover letter, CV, and names of three referees to RamSeshadri@UCSB.edu