POSTDOCTORAL POSITIONS AVAILABLE

Research Group of Prof. Christine M. Thomas

Department of Chemistry

Brandeis University (Waltham, MA)

One or two postdoctoral positions are available in Prof. Christine Thomas’s group in the Department of Chemistry at Brandeis University. The Thomas group’s interests lie in the general area of synthetic inorganic and organometallic chemistry, and active research areas in the Thomas lab include the synthesis, characterization, and reactivity of early/late heterobimetallic complexes and the coordination chemistry of pincer ligands that incorporate unusual main group functionalities. Positions are available immediately, but applications will be accepted until the positions are filled.

Requirements for the position include a Ph.D. in inorganic chemistry (or pending Ph.D. in inorganic chemistry), strong publication record, and strong background in the synthesis and handling of air-sensitive compounds (using both glovebox and Schlenk techniques) and extensive experience with standard spectroscopic techniques including IR, UV-Vis and multinuclear NMR spectroscopies. Experience with electrochemistry (cyclic voltammetry, bulk electrolysis, spectroelectrochemistry) and computational (Gaussian) methods are desirable, but not required. Furthermore, candidates who have experience with paramagnetic compounds and physical characterization methods such as EPR spectroscopy, Mössbauer spectroscopy, and SQUID magnetometry are particularly encouraged to apply. Applicants should have a demonstrated interest in working with and mentoring undergraduates and other young researchers.

Interested and qualified applicants should send a cover letter, a CV, and the names of 2-3 references to: thomasc@brandeis.edu.

For more information about Prof. Thomas’s research interests, see: http://people.brandeis.edu/~thomasc/index.HTML