Post Doctoral Positions
Naumov Research Group
NYU Abu Dhabi

Postdoctoral positions in Structural/Solid-State/Physical Chemistry are available at New York University Abu Dhabi. Applicants with backgrounds in crystal structure analysis, photochemistry, spectroscopy and synthetic organic chemistry are encouraged to apply.

New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. The network has three foundational, degree-granting campuses: New York, Abu Dhabi, and Shanghai, complemented by a network of more than fifteen research and study-away sites across five continents. Faculty and students will circulate within this global network in pursuit of common research interests, the promotion of cross-cultural understanding and solutions for problems, both local and global.

Entering its second year, NYU Abu Dhabi has already recruited a cohort of faculty who are at once distinguished in their research and teaching. NYU Abu Dhabi’s highly selective liberal arts enterprise is complemented by an institute for advanced research, sponsoring cutting-edge projects across the arts, humanities, social sciences, sciences, and engineering.

NYU Abu Dhabi is currently inviting applications for postdoctoral fellowships in structural chemistry in the laboratory of Professor Panče Naumov. The research projects are highly interdisciplinary and involve atomic-resolution structural studies of unstable molecular species and intermediates in the solid state, steady-state and time-resolved diffraction and photodiffraction studies, solid-state photochemistry, chemiluminescence and bioluminescence, kinetic studies of chemical and physical processes, micromechanical characterization of crystalline materials, and mechanistic characterization of organic photochromic and thermochromic reactions.

Candidates must hold a Ph.D. degree in chemistry or a related subject, with significant research experience in solid-state chemistry, supramolecular chemistry, photochemistry or photophysics. Experience in experimental X-ray or neutron diffraction from single crystals and powders, crystal structure analysis and visualization, electron and vibrational spectroscopy, or mechanical characterization of materials is required. Knowledge in the following areas is preferred: X-ray or neutron crystallography with laboratory or synchrotron radiation, steady-state and time-resolved UV-visible/fluorescence/IR spectroscopy, acoustic spectroscopy, electron microscopy, and targeted organic synthesis of new molecules.

The positions are open until filled. Applicants must submit a curriculum vitae, statement of research interests, list of publications and two letters of reference in PDF format to be considered. Please visit our website at http://nyuad.nyu.edu/human.resources/open.positions.html for instructions and other information on how to apply. If you have any questions on applying, please e-mail Deirdre.tabak@nyu.edu.

Starting date: February 1, 2012.

Salary and benefits: competitive salary and benefits are offered.

NYU Abu Dhabi is an Equal Opportunity/Affirmative Action Employer.