

Postdoctoral Position Available - Kansas State University

POSTDOCTORAL POSITION AVAILABLE: A postdoctoral position is available immediately for studies of ferroelastic and ferroelectric domain switching, crystal growth, crystallography, phase transitions, and molecular recognition phenomena in organic inclusion compounds and related materials.

The position requires a strong background in SOLID-STATE NMR spectroscopy and X-RAY CRYSTALLOGRAPHY. The researcher will be responsible for the operation and maintenance of a 300 MHz NMR instrument dedicated to solid-state experiments such as MAS, ²H NMR, and single crystal NMR and will use his or her NMR data in conjunction with crystallographic data to study structure and dynamics of disordered molecular solids. The ideal applicant would have experience with a variety of solid-state NMR experiments and chemical crystallography. Experience and interest in organic synthesis of labeled compounds and experience with troubleshooting and maintenance of NMR equipment would also be very helpful. The successful applicant will be exposed to a wide variety of techniques in the area of solid-state chemistry. He or she will help train graduate and undergraduate students in these techniques and must also value working with faculty and students from diverse cultural backgrounds. Duration of the position would be for one year with the possibility of extension contingent on funding, performance, and need for services. Salary will be commensurate with experience and background. Send your CV and the names and addresses of three references to Prof. Mark D. Hollingsworth, Chemistry Dept., 213 CBC Building, Kansas State University, Manhattan, KS 66506-0401; ph.: 785-532-2727, fax: 785-532-6666, e-mail: mdholl@ksu.edu. Review of applications will commence Feb. 15, 2012, but the search will continue until the position is filled. In accordance with Kansas Board of Regents policy, a background check is required. Kansas State University is an Equal Opportunity Employer, and it actively seeks diversity among its employees.

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<http://www.ksu.edu/chem/people/faculty/hollingsworth.html>