APPLICATIONS ARE INVITED FOR CONSIDERATION TO THE FOLLOWING POSITION:

State University of New York at Binghamton

Appointment Title: Postdoctoral Associate

Department/Location: Chemistry

Local Title: Research Foundation Project # 1028311 / 26852

Salary Range: $30,000

Duties: To hold discussions with his/her principal research supervisor, who will be assigning specific experimentation on research topics in the area of main-group and transition metal organometallic chemistry. The postdoctoral associate should be able to isolate reaction products in a quantitative fashion and to assign structures to such products based upon spectroscopic and mass spectroscopy data and reach preliminary conclusions. The postdoctoral associate should be able to prepare clear, written reports of such research activities, which are accompanied by copies of appropriate spectra and quantitative data to state with precision the results of the experimental work. The PA should also be able to conduct professional literature searches on the research topics assigned by the principal investigator and be able to conduct literature searches with available computer search programs. The research work involved in these studies is intended to lead to coauthorship of the postdoctoral associate and the principal investigator on manuscripts to be submitted to scientific publications.

Qualifications: The successful applicant must hold a Ph.D. degree with a major in organic and/or organometallic chemistry with a doctoral dissertation based upon laboratory experimentation. The applicant should be a coauthor on a number of research publications in high-ranking chemistry journals. The applicant's research as a graduate student should have entailed the techniques for air- and moisture-sensitive compounds under an inert atmosphere. Acquaintance with standard research instrumentation such as multinuclear NMR spectroscopy, mass spectroscopy, IR-UV spectroscopy, together with a thorough familiarity with column, gas and high-performance chromatography. The applicant should be familiar with the current literature of organometallic chemistry and once assigned a project should be able to work reasonably independent of close supervision.

Special Notes:

Persons interested in the above position should submit a resume along with a letter of application to:

Name: Professor J. Eisch
Department: Dept. of Chemistry
Address: Binghamton University
P.O. Box 6000
Binghamton, NY 13902-6000

Closing Date for Receipt of Applications: January 1, 2007

WE ARE AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
Personnel are chosen on the basis of ability without regard to Race, Color, Religion, Sex, Age, National Origin, Disability or Marital Status, in Accordance with the Federal and State Law.

THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK AT BINGHAMTON
Mar 2005