Synthesis and Catalysis Center Director

Location: Madison, Wisconsin  
Work Type: Onsite, full time  
Job Number: 237841-AS  
Salary: Based on qualifications

Position Summary: We are seeking a PhD-level Scientist to direct a newly formed Synthesis and Catalysis Center (“SynCat”) in the UW-Madison Department of Chemistry. SynCat will house equipment and instrumentation to support research between the synthesis and catalysis groups in the department of chemistry and industrial collaborators. The SynCat director will serve as the operational and logistic liaison for joint projects between UW-Madison researchers (faculty/students/postdocs) and industry collaborators, with opportunities to play a leadership role in collaborative research projects.

Duties include operation and maintenance of shared equipment to support this collaborative research, development of standard operating procedures for SynCat equipment, and training graduate, postdoctoral, and undergraduate researchers who use the equipment. The SynCat director will oversee an operation budget for the center and will oversee the establishment and collection of fees for use of SynCat instruments. The SynCat director will also contribute to the preparation of manuscript and grant proposals and completing progress reports and presentations for relevant funding agencies.

Qualifications: The ideal candidate will have a Ph.D. in Organic, Inorganic, or Organometallic Chemistry with research expertise in homogeneous catalysis and/or synthetic organic chemistry, have diverse analytical skills for the identification of organic compounds (NMR, HPLC, LCMS, etc.) and/or experience with operation and maintenance of high-throughput experimentation equipment. The candidate should be familiar with standard synthetic organic and organometallic reaction methodology, including handling of air-sensitive reagents and synthetic chemistry instrumentation such as glove boxes, vacuum systems, and high-pressure gas reactors. Familiarity with high-throughput experimentation is desired, but not required. Experience with grant writing is desired. Essential skills and attributes of the candidate include strong technical writing, organization and time management, attention to detail, interpersonal, and communication skills.

Diversity is a source of strength, creativity, and innovation for UW-Madison. We value the contributions of each person and respect the profound ways their identity, culture, background, experience, status, abilities, and opinion enrich the university community. We commit ourselves to the pursuit of excellence in teaching, research, outreach, and diversity as inextricably linked goals.

The University of Wisconsin-Madison fulfills its public mission by creating a welcoming and inclusive community for people from every background - people who as students, faculty, and staff serve Wisconsin and the world.

Application Instructions: Apply online at jobs.hr.wisc.edu. You will need to upload a cover letter, resume, and contact information for at least three professional references, including your current supervisor. Your cover letter should address your qualifications as they pertain to the minimum number of years and type of relevant work experience listed above.