

ENDOWED CHAIR POSITION for an ESTABLISHED CRYO-EM INVESTIGATOR MEDICAL COLLEGE OF WISCONSIN CANCER CENTER

The Medical College of Wisconsin (MCW) Cancer Center (CC) in partnership with basic science departments (Biochemistry, Biophysics, Pharmacology & Toxicology, Cell Biology, Neuroscience and Anatomy, Microbiology & Immunology) have committed to expand strengths in **Structural and Chemical Biology** (SCB) and now invite applications for an established investigator with expertise in cryo-EM at the **Associate or Full Professor** level. The MCW CC is simultaneously investing \$100M in four parallel research initiatives that include Immuno-Oncology, Metabolomics, Precision Oncology and Community Outreach & Survivorship providing broad translational opportunities for structure-based drug discovery.

The Medical College of Wisconsin (www.mcw.edu) is the 3rd largest private medical school in the country, conducting over \$200M annually in externally funded research, over \$145M from the NIH. A newly established Structural and Chemical Biology Center is home to state-of-the-art X-ray, NMR, and chemical synthesis facilities with ready access to shared resources for high-performance computing. MCW is also home to an NIH-designated National Biomedical EPR Center and Clinical and Translational Sciences Institute.

Available Position:

An endowed chair, competitive salary support, generous benefits package, and start-up funds will be provided to candidates with commensurate scientific and leadership qualifications. The ideal senior candidate will help build bridges between these major cross-disciplinary research initiatives and integrate them with the Structural and Chemical Biology initiative. The successful candidate is expected to also develop, implement and lead strategic growth in structural biology with an opportunity to direct the ongoing instrument acquisition process and co-recruitment of junior cryo-EM (SPA and in-situ cryo-ET) and SPA data science faculty and staff. To this end, the ideal candidate will be supported in building the infrastructure necessary for onsite sample preparation and data collection, including the purchase of a state-of-the-art 200-keV cryo-EM with direct electron detector and energy filter capable of final data collection for sub-4Å structure determination. MCW Cryo-EM researchers have expanded instrumentation opportunities through participation in a statewide Cryo-EM consortium that includes the University of Wisconsin-Madison's Cryo-EM Research Center, which currently has four new cryo-EMs including a Titan Krios.

Who are we looking for?

Suitable candidates will have an M.D., Ph.D., or M.D/Ph.D. degree. The ideal candidate is expected to have an active research program applying single-particle cryo-EM methods (SPA) to determine mechanisms relevant to cancer biology. Applicants must have a doctoral degree in structural biology, biochemistry, biophysics or related discipline, and a proven track record of scientific accomplishment and extramural funding.

How do I apply?

Applications are currently being accepted on a rolling basis until the position is filled. Qualified applicants should submit a single pdf containing a cover letter, CV, summary of research accomplishments and future research plans (four pages maximum), and names and contact information of four references to www.mcw.edu/careers requisition #27936. For inquiries, please contact Blake Hill, Chair, SCB Recruitment Committee (rbhill@mcw.edu). MCW is committed to increasing the diversity of its faculty and strongly encourages applications from individuals in groups that are underrepresented in the biomedical sciences. The Medical College of Wisconsin is an affirmative action / equal opportunity employer and does not discriminate in hiring or employment on the basis of age, sex, race, color, religion, national origin, veteran status, disability, or sexual orientation.

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Located on the west side of beautiful Lake Michigan in Wisconsin, Milwaukee boasts some of the nation's largest summer festivals, a multi-cultural population rich in culinary and artistic tradition, a progressive downtown, a variety of professional sports teams, and a multitude of outdoor recreation possibilities for all levels. Milwaukee has affordable housing of all types, excellent public and parochial schools, and minimal traffic. Neighborhoods are known for variety, character and housing architecture, together offering a superb quality of life.