



**THE HORMEL INSTITUTE  
UNIVERSITY OF MINNESOTA**

**ASSISTANT PROFESSOR / ASSOCIATE PROFESSOR  
/ PROFESSOR / ENDOWED PROFESSOR POSITIONS  
– Cryo-Electron Microscopy**

The Hormel Institute, a biomedical research center of the University of Minnesota, was established in 1942 and has an excellent reputation and long history for producing world-class medical research. The Institute's research success has resulted in a second major expansion of its research facilities and includes an additional new state-of-the-art laboratory building that opened in January 2016. The Hormel Institute offers its research scientists complete access to state-of-the-art cutting edge equipment that includes a new Cryo-EM Lab; FACS cell sorter; confocal microscopy; flow cytometry; protein crystallography robotics and diffraction system; nano-HPLC-AB SCIEX triple TOF 5600 mass spectrometry; Leica tissue processor, sample embedder and microtome; real-time PCR instrumentation; 3 racks of Linux GPU supercomputers for computational biology and bioinformatics; spectrophotometers; and Western blot imagers. In conjunction with this most recent building expansion, we are currently accepting applications for three (3) to five (5) new faculty positions.

We are seeking faculty appointments for an outstanding Cryo-EM scientist at the levels of Assistant Professor, Associate Professor, Professor, and/or Endowed Professor. We are looking for a candidate to initiate and direct an independent research program at the institute in conjunction with the newly established Cryo-EM Lab. The Hormel Institute Cryo-EM Lab is a state-of-the-art facility equipped with a Titan Krios electron microscope, Spirit BioTwin electron microscope, plasma cleaner, carbon coater with glow discharge unit, Vitrobot plunge freezer, proteoPLEX, 2-GPU computational clusters and DDN data storage system. The current faculty comprise an outstanding group of internationally recognized cancer and biomedical researchers dedicated to The Hormel Institute goal of Today's RESEARCH, Tomorrow's CURES.

**Qualifications:** Applicants must have a Ph.D. (or equivalent degree) with significant experience in cryo-EM and related techniques with an outstanding track record of scientific productivity and an excellent collaborative history. Candidates must demonstrate the ability to establish an independent, extramurally funded program of cancer-related research that will complement ongoing programs. Proven ability to acquire extramural funding is required for appointment of Associate Professor or Professor. For endowed professorships, the applicant should be an internationally renowned researcher with substantial external funding.

To apply, please send a curriculum vitae, a research plan, and the contact information for three references to Dr. Zigang Dong, [jswanson@hi.umn.edu](mailto:jswanson@hi.umn.edu).

*The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.*