

Ion Cyclotron Resonance/Diversity Research Faculty Position

The National High Magnetic Field Laboratory (NHMFL) seeks a qualified scientist to join our Ion Cyclotron Resonance (ICR) Program as research faculty and a leader of NHMFL diversity initiatives. Candidates are expected to have a Ph.D. in a STEM field, postdoctoral training, and a record of significant scholarly activity in high resolution mass spectrometry applications and method development. Experience in collaborative research, supporting users, or managing any shared research resource is desirable.

The successful applicant will work with the ICR Program permanent staff to implement and promote improvements to the science program, and ensure that the measurement capabilities remain state of the art. Ability to bring new methods and technology to the NHMFL ICR User Facility is a plus. The candidate is expected to support external users, attract new users, and develop new techniques and high-impact applications. The candidate will collaborate with NHMFL staff, co-supervise graduate students and postdoctoral fellows, publish manuscripts, and prepare applications for external grant support.

The NHMFL is committed to diversity, and we seek candidates that have a passion for improving diversity at the lab and expanding our user base and research to a more diverse community (including but not limited to Minority Serving Institutions and Teaching Universities). The successful applicant will serve on the NHMFL diversity committee, facilitate recruitment of underrepresented minority students, users, and faculty, and serve as liaison for NHMFL users from Minority Serving Institutions.

The NHMFL is the world's premier magnet laboratory, with state-of-the-art high magnetic field facilities (up to 32T in superconducting magnets, 41T in resistive DC magnets, 45T in hybrid DC magnets, and 100T in pulsed magnets) for research in physics, materials science, engineering, chemistry, geochemistry, biochemistry, and biology. The ICR Program features four FT-ICR mass spectrometers that operate at 21T, 14.5T, 9.4T, and 9.4T.

Interested candidates can apply to Florida State University at <https://jobs.fsu.edu> and reference Job ID #44738. Please attach your curriculum vitae, a cover letter describing your research experience, and have at least three letters of recommendation submitted. For additional information, please contact Ms. Bettina Roberson, National High Magnetic Field Laboratory, Florida State University, 1800 E. Paul Dirac Drive, Tallahassee, FL 32310-2740, 850-644-0855. Additional information may be attached and emailed to roberson@magnet.fsu.edu. The NHMFL is operated for the National Science Foundation by a collaboration of institutions comprising Florida State University, the University of Florida, and Los Alamos National Laboratory. The Florida State University is an Equal Opportunity, Affirmative Action employer, committed to diversity in hiring, and a Public Records Agency.

If you have any questions, or want to check directly about the position, please do not hesitate to contact Chris Hendrickson at hendrick@magnet.fsu.edu for further information.

