

**Tenure-Track Faculty Position at the
National High Magnetic Field Laboratory and the
Department of Chemical & Biomedical Engineering at the
Florida A&M University – Florida State University
College of Engineering**

The National High Magnetic Field Laboratory (NHMFL) and the Department of Chemical & Biomedical Engineering (CBE) at the Florida A&M University (FAMU)-Florida State University (FSU) College of Engineering invites applications from highly qualified individuals for a faculty position at the NHMFL with an academic home as a tenured or tenure-track faculty member in CBE through Florida State University. We are seeking faculty candidates for an associate professor position, however, exceptional candidates at other ranks will be considered.

The NHMFL is the world's premier magnet laboratory with state-of-the-art high magnetic field facilities and has a history in development and application of ultra-high field NMR and MRI/S magnets and instrumentation. The MR User Facility hosts hundreds of users from around the world each year. We are seeking candidates with expertise and research in solid-state NMR for analysis of biological and biochemical systems (biosolids and/or biomaterials) although other application areas of NMR may be considered. The candidate will be expected to lead research efforts and user support at the NHMFL in solid-state NMR, and be a full academic member with teaching duties in CBE. Successful candidates are expected to develop research programs that are recognized internationally with significant and sustained external funding, incorporate interdisciplinary collaboration with researchers across campus and through the NHMFL user program, and demonstrate a strong commitment to excellence in education. Teaching undergraduate and graduate courses and supervising undergraduate, graduate and post-doctoral researchers are expected. In addition, the successful candidate will demonstrate an understanding of the barriers preventing full participation of members from historically underrepresented and marginalized student communities in higher education.

CBE has a dynamic group of faculty members actively involved in research encompassing various areas of biomedical engineering, chemical engineering, and materials science and engineering. Several faculty members from CBE have laboratories and are affiliated with the NHMFL performing research in NMR and MRI. Successful candidates will have many opportunities to interact and collaborate with other programs at FSU including the College of Medicine, Institute of Molecular Biophysics, the Department of Chemistry and Biochemistry, and the Department of Physics and the FAMU College of Pharmacy & Pharmaceutical Sciences.

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 FAMU-FSU College of Engineering is the unique combination of two outstanding universities with overlapping but distinct missions - the nation's top Historically Black College/University and a Tier-1 top 20 public research university.

Candidates must possess an earned Ph.D. in chemical or biomedical engineering, or a closely related discipline, and demonstrate documented potential for outstanding research, leadership, and education.

Applicants should submit the following in a single PDF file to:

CBEMagLabFacultySearch@eng.famu.fsu.edu:

1. A cover letter
2. A full curriculum vitae
3. A 2 to 3-page research statement. This statement should clearly indicate how the proposed research efforts will connect to other efforts in the NHMFL and CBE.
4. A one-page teaching statement
5. A statement on diversity and inclusion plans and experiences
6. No more than three selected publications for review
7. The names and contact information of four potential references
8. [An Equal Employment Opportunity Survey for Faculty Applicants](https://eng.famu.fsu.edu/sites/default/files/pdfs/FAMU-FSU-COE-EEOC-Form-f...)
(<https://eng.famu.fsu.edu/sites/default/files/pdfs/FAMU-FSU-COE-EEOC-Form-f...>)

Any questions about the position should be directed to Dr. Bruce Locke, Search Committee Chair, at locke@eng.famu.fsu.edu. Application review will begin April 15, 2022 and will continue until the position is filled. The appointment is expected to begin August 2022. Additional information about both universities and the department may be found at <http://www.eng.famu.fsu.edu>.

Florida A&M University and Florida State University are Equal Opportunity/Affirmative Action employers that encourage applications from minorities and women, and comply with the American Disabilities Act. Both are public records agencies pursuant to Chapter 119, Florida Statutes.

Criminal Background Check

This position requires successful completion of a criminal history background check. The background check will be conducted as authorized and in accordance with University Policy 4-OP-C-7-B11.

Contact Email:

locke@eng.famu.fsu.edu

[CBE Department \(hyperlink\)](#)