

Department of Genetics Research-Track Faculty Position Assistant, Associate or Full Professor (GEMF Core Director)

The Department of Genetics at the University of Texas MD Anderson Cancer Center seeks a research track faculty candidate at the Assistant to Full Professor level. The appointee will direct the operations of the CCSG-funded Genetically Engineered Mouse Facility (GEMF) Core to provide services, oversight, direction and collaboration with internal and external core users. You will join a collegial department with existing research focus on cell and developmental biology, DNA repair, protein homeostasis, human and mouse cancer genetics and genomics.

The successful applicant is expected to contribute to research activities including consultation with faculty to design projects using genome editing in mouse models, classical gene targeting in mouse embryonic stem cells or standard animal transgenesis. Educational activities will include training researchers and animal care staff about unique aspects of handling genetically engineered mice, setting up educational seminars for institutional investigators and interacting with outside entities to provide updates in new methods of genome engineering. Administrative activities will include responsibility for writing the GEMF portion of the Cancer Center Support grant for competitive renewal and yearly progress reports, development of the annual budget, identification of capital equipment needs, and participation in the development of new facilities.

The applicant must remain up to date with current state-of-the-art techniques for the field and continuously update genome engineering technology in the GEMF. They will attend conferences, follow research literature, and discuss and establish new approaches with faculty, direct projects that include embryo manipulation and transfer, ES cell derivation, archiving mouse lines using state-of the art technology, and all assisted reproductive technologies in mouse. They will train and supervise staff members working in the GEMF.. The research environment of MD Anderson, currently the nation's top ranked cancer center, and the surrounding Texas Medical Center, the world's largest biomedical center, is unparalleled.

Applicants must hold a Ph.D. and/or an M.D. degree in a field appropriate to the faculty role and departmental mission. Experience should include at least 5 years as Assistant Professor (research track) or preferred equivalent time as a basic scientist and experience in management at either the research project or facility level.

The application package should include, in a *single file*: (1) A Cover Letter outlining relevance of research and management experience and interests that address the position description (three page maximum), (2) *curriculum vitae*, (3) Three recommendation letters to be directly sent to: GeneticsSearch@mdanderson.org

Early application is encouraged. Applications received by June 15, 2022 will be prioritized.

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