

## **South Carolina Smartstate Endowed Chair in Biofabrication Biology**

Medical University of South Carolina, Department of Regenerative Medicine and Cell Biology

The Department of Regenerative Medicine and Cell Biology at the Medical University of South Carolina is seeking a leader to fill the Smartstate Endowed Chair in Biofabrication Biology at the rank of Professor or Associate Professor. This position is part of the South Carolina Advanced Tissue Biofabrication Center of Economic Excellence (<http://smartstatesc.org/advanced-tissue-biofabrication>). A focus of the center is to integrate basic cell biology with biofabrication to generate tissues in the laboratory that can be used to advance our understanding and treatment of human disease. The successful candidate will have a strong background in cell or developmental biology and will integrate the use of bioengineering or tissue fabrication into their research program. Candidates interested in the study of vascular, cardiovascular, or digestive disease are particularly encouraged to apply.

Candidates should have a Ph.D. or MD/Ph.D. degree (or equivalent) with credentials that are compatible with granting tenure. In addition, candidates should have extensive experience in managing a successful research laboratory, an outstanding and internationally recognized record of high impact publications, and a compelling history of extramural funding. Current research strengths in the department include pluripotent stem cell differentiation, cardiovascular development, digestive disease, and molecular biology of the cell. Research at MUSC is supported by several excellent core facilities specializing in imaging, genetically modified mice and rats, drug discovery, proteomics, genomics, and flow cytometry.

MUSC in Charleston was established in 1824 and is ranked in the upper quartile of all freestanding academic medical universities. The university has approximately 2,200 graduate and professional students that are supported by 2,000 faculty members. In 2014 total financial support topped \$217 million with \$100 million coming from the NIH. This includes funding that supports the NCI-designated Hollings Cancer Center as well as a Clinical and Translational Science Award.

MUSC is an Affirmative Action/Equal Opportunity Employer that strives to hire without regard to gender, race, color, national origin, sex, age, religion, disability, sexual orientation, genetic information or veteran status. MUSC takes affirmative action to hire and advance women, minorities, protected veterans and individuals with disabilities. MUSC has received a 4-year NSF ADVANCE grant to promote the recruitment, retention and advancement of women in science.

Applicants should provide curriculum vitae, research plan, and the names of three references through the MUSC employment portal:

<http://careers.pageuppeople.com/756/cw/en-us/job/495349/univ-associate-professorprofessor-regenerative-medicine>