Postdoctoral Associate/ 
Mentored Academic Training Position 
August 19, 2015

A postdoc position is available in the laboratory of Dr. Christine Schmidt who is the Chair of the Department of Biomedical Engineering at the University of Florida. This position is for an initial one-year appointment, but has the potential to be renewed for an additional two years. Dr. Schmidt has a long history of training professionals who have entered and succeeded in academic positions.

Dr. Schmidt’s research focuses on engineering novel materials and therapeutic systems to stimulate tissue repair, with a particular focus on the repair and regeneration of neural tissue (http://www.bme.ufl.edu/labs/schmidt). Candidates should have background training and experience in biomaterials/scaffold design with either synthetic or natural materials, materials characterization, cell culture, microscopy, basic cell biology and immunocytochemistry assays, and in vitro assessment of cell-biomaterials interactions. In vivo skills and experience with histology and immunohistochemistry are ideal, but not required.

**Research Training and Responsibilities:** (1) Conducting and developing research related to tissue engineering and materials science. Compiling and analyzing data. Writing reports and manuscripts, and discussing/presenting results. (2) Mentoring undergraduate students and/or graduate students as needed for the project. (3) Participation in writing grant proposals and creating progress reports. (4) Working with Dr. Schmidt and her research leadership team (Research Coordinator and other Postdocs) to help provide technical and strategic oversight of lab projects and research direction.

**Minimum Qualifications:** Applicants must have a Ph.D. in a related biomedical engineering/science area. Applicants must have experience with manuscript preparation and submission. Experience with grant writing and managing students is not required, but is desired. **Professional Development Opportunities:** The selected candidate will have access to a wide variety of professional development activities at the University of Florida. He/she can participate in a 14 week long course on Grant Writing for Biomedical Sciences course. Furthermore, the University of Florida Center for Translation Science Institute runs an annual Mentor Academy consisting of a series of monthly lectures to help postdocs and faculty develop into successful mentors. Postdoctoral seminars and career development seminars are put on by both the Office of Postdoctoral Affairs and the Career Resource Center at the University of Florida. These seminars will enable the selected candidate to learn critical skills for navigating the academic career path. Previous seminars included: The Academic Job Search, Developing a Teaching and Research Statement, The Academic Interview, Keys to Successful Grant Writing, and Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching.

**Attributes of UF and Gainesville:** The BME Department is housed in a state-of-the art building that is located in the medical school and steps from engineering. The University of Florida is one of only a few comprehensive universities, having medical, veterinary, dental, nursing, public health, and engineering disciplines all co-localized on the same, contiguous campus. UF is a highly collaborative environment that provides researchers with many opportunities for learning (e.g., top seminar programs, excellent core research facilities) and research collaborations. Gainesville is located in the northern region of Florida, within 1-1.5 hours of each coast, and just 1.5-2 hours to Orlando and Tampa. It is a small to medium-sized city with a low cost of living, excellent public and private schools, and southern hospitality. While Gainesville is widely recognized as the home of the Gators, it is quickly becoming known as a center for innovation and a place with a lifestyle that’s comfortable for families, yet attractive for young professionals. In 2013 the financial website NerdWallet deemed Gainesville the #1 fastest growing US city (http://www.eng.ufl.edu/careers/why-gainesville).

Interested persons should submit a letter of interest highlighting research and long-term goals, a detailed curriculum vitae, and the names and email addresses of three or more references to schmidt@bme.ufl.edu.

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The University of Florida is an Equal Opportunity/Affirmative Action Employer, and women and minorities are encouraged to apply.