

## FACULTY RECRUITMENT – DEPARTMENT OF ORTHOPAEDIC SURGERY



### MUSCULOSKELETAL RESEARCH CENTER

### WASHINGTON UNIVERSITY SCHOOL OF MEDICINE, ST. LOUIS



The Department of Orthopaedic Surgery at Washington University is recruiting for new faculty to join our research program in the broad area of musculoskeletal diseases and medicine. This is a tenure-track position, with appointment at the rank of Assistant or Associate Professor. Preference will be given to candidates with a proven record in musculoskeletal research. Applicants should have an earned PhD as well as post-doctoral research experience in biomedical engineering, genetics, cell and molecular biology or a related area of biomedical sciences. The Department currently includes laboratories specialized in bone, cartilage and spine biomechanics and biology ranging from developmental biology to genetic disorders to diseases such as osteoarthritis, osteoporosis and degenerative disc disease.

The primary responsibility of the new faculty will be to develop an outstanding research program. Faculty are expected to establish an NIH-funded research program in an area that strengthens or is complementary to programs in the Department, to participate in educational programs, and collaborate with other research and clinical faculty in the Musculoskeletal Research Center. Rank, salary and start-up funding will be commensurate with experience.

#### OUR ENVIRONMENT

- ✚ Our labs are part of the Musculoskeletal Research Center, within new state-of-the-art facilities in the heart of the Washington University Medical Center.
- ✚ The MRC research community includes more than 90 faculty. The MRC supports core labs in imaging, biomechanics, histology and animal models, as well as robust enrichment and training program, supported in part by an NIH Core Center Grant (P30) and Training Grant (T32).
- ✚ The Department ranks 1<sup>st</sup> in NIH funding among orthopedic departments in the U.S.
- ✚ We value a collaborative approach to science. Our faculty have joint appointments in one or more basic science or teaching departments: Biomedical Engineering, Cell Biology and Physiology, Developmental Biology, Mechanical Engineering and Materials Science. Graduate students in our laboratories come from the graduate programs of the medical school, the Division of Biology and Biomedical Sciences (DBBS), and the School of Engineering & Applied Sciences.
- ✚ Our faculty direct research programs at the Shriners Hospitals for Children, St. Louis, and co-direct the Washington University Center for Regenerative Medicine.
- ✚ Washington University is located in St. Louis, Missouri, part of a metropolitan area of 2.8 million people. The University campuses are located close to residential neighborhoods, parks, gardens, and numerous arts and theater organizations.
  
- ✚ Please visit our websites for more information:
  - Department of Orthopaedic Surgery: <https://www.ortho.wustl.edu/>
  - Orthopaedic Surgery Research Labs: <http://www.orthoresearch.wustl.edu/>
  - Musculoskeletal Research Center: <http://www.musculoskeletalcore.wustl.edu/>
  - WU School of Medicine: <https://medicine.wustl.edu/>
  - Center of Regenerative Medicine: <http://devbio.wustl.edu/REGMED/>

Inquiries can be addressed to [silvam@wustl.edu](mailto:silvam@wustl.edu), Matthew J. Silva, Ph.D., Peterson Professor of Orthopaedic Surgery, and Co-Director of the Musculoskeletal Research Center.

To apply: Please send a Cover Letter, CV, Research Statement and list of references to Ms. Stephanie Simpson ([simpson.s@wustl.edu](mailto:simpson.s@wustl.edu)). The application deadline for initial review is June 15, 2018, although applications will be reviewed until the position is filled. *All qualified applicants will receive consideration for employment without regard to sex, race, ethnicity, protected veteran, or disability status.*

March 5, 2018