



THE ARMED FORCES INSTITUTE OF REGENERATIVE MEDICINE
POSTDOCTORAL FELLOWSHIP PROGRAM
Call for Applications

The McGowan Institute for Regenerative Medicine (MIRM) and the Wake Forest Institute for Regenerative Medicine (AFIRM) invite applicants to its innovative Armed Forces Institute of Regenerative Medicine (AFIRM) Postdoctoral Fellowship Program for fellowship positions in tissue engineering and regenerative medicine research (TERM). This new, federally funded \$85 million program is made up of the US Army Institute of Surgical Research, and a national consortium of institutions led by two of the world's leading regenerative medicine centers of excellence, WFIRM and MIRM. This massive project is dedicated to repairing battlefield injuries through the use of regenerative medicine -- science that takes advantage of the body's natural healing powers to restore or replace damaged tissue and organs.

A critical part of the AFIRM mission is training of scientists in the field of TERM as well as fostering development of civilian and military interdisciplinary research teams. Ten new positions are currently available with start date between August 1, 2008 and January 1, 2009. Successful postdoctoral fellow candidates will pursue translational TERM research training, encompassing five areas of focus, to benefit people in the military and civilian populations with burns or severe trauma due to illness and injury. Over the next five years, emphasis will be placed on transitioning products from pre-clinical to clinical therapies in a collaborative environment involving researchers and clinicians.

Five Areas of Focus:¹

Compartment Syndrome – Therapies to repair injuries related to burn and blast incidents

Functional Limb and Digit – reconstruction, regeneration or transplantation

Craniofacial Reconstruction – restoration of craniofacial structures

Wound Healing – Reduction of scar tissue and inflammation

Burn Repair – Regeneration or replacement of skin

Postdoctoral fellowship positions are awarded with researchers in the AFIRM network, including researchers at MIRM and WFIRM. Potential mentors include M.D.s, D.M.D.s, D.D.S.s, Ph.D.s, and individuals with dual degrees. Interested applicants will have a doctoral degree in biomedical engineering, biology, chemical engineering, mechanical engineering, materials science, or a related field. Preferred candidates will have a research background related to tissue engineering, the biology of wound healing, biomaterials or drug delivery for bone tissue engineering, have a record of published work in internationally recognized journals and be well equipped to design, conduct, trouble-shoot and analyze experiments based on the research plan. Focus will be placed upon career development through generation of a significant number of publications, writing and oral presentation skills.

How to Apply: Interested applicants should apply as soon as possible. The search will remain open until all positions are filled. Applicants must submit a curriculum vitae, bibliography, a short statement of research interests and professional goals, up to three reprints of publications, and the names of four references. All materials should be sent to:

Joan F. Schanck MPA, Director of Education
Pittsburgh Tissue Engineering Initiative, Inc.
Thermo Fisher Scientific Building, Suite 200
100 Technology Drive, Pittsburgh, PA 15219-3138
Phone: 412-235-5230; FAX: 412-235-5120; E-mail: jschanck@ptei.org

According to eligibility criteria, a trainee must be a citizen or non-citizen national of the U.S. or must have been lawfully admitted for permanent residence. Applicants with a PhD, MD, and related advanced degrees are eligible. A record of scientific achievement is highly desirable. PTEI is an Equal Opportunity/Affirmative Action Employer

¹ Additional details regarding each of the five focus areas can be found at <http://www.mirm.pitt.edu/afirm/>