

Wounded Warriors a Focus of the 12th New Jersey Symposium on Biomaterials Science

Regenerative medicine and the development of advanced treatment options for our severely wounded warriors will be highlighted at The NJ Center for Biomaterials' 12th New Jersey Symposium on Biomaterials Science- *Bioactive Scaffolds: From Synthetic Polymers to ECM and Decellularized Tissues*, scheduled for October 6-7, 2014 at New Brunswick New Jersey's Heldrich Hotel.

Piscataway, NJ (PR Web) August 1, 2014 – The [New Jersey Center for Biomaterials](#), at Rutgers University.

For the past five years, the New Jersey Center for Biomaterials under the auspices of the Armed Forces Institute of Regenerative Medicine (AFIRM) has led a consortium of academic research organizations in the development of advanced treatment options for our severely wounded warriors. AFIRM is a multi-institutional, interdisciplinary network working to develop new products and therapies to treat severe injuries suffered by US servicemen and women in the current wars. The AFIRM teams, working in research laboratories and clinics across the country, are advancing biological therapies (including adult stem cells and growth factors), tissue and biomaterials engineering, and advanced transplantation methods. These new treatments will enable the body to repair, replace, restore and regenerate damaged tissues and organs.

The 12th New Jersey Symposium on Biomaterials Science will focus several presentations on the regeneration of nerves and muscle resulting from catastrophic peripheral nerve injury and muscular tissue loss for Wounded Warriors. These types of injuries to the body's soft tissue are leading sources of lifelong disability. Extreme trauma from combat wounds can cause nerve injuries that create gaps in the nerves leading to the muscles of the limbs. The success in this work for our Wounded Warriors is readily translatable to injuries suffered by the civilian population resulting from industrial and automobile accidents.

Registration for the 12th NJ Symposium on Biomaterials Science is available at <http://www.njbiomaterials.org/biomaterials-symposia.htm>

The [New Jersey Center for Biomaterials](#) (NJCBM) was founded in 1997. Based at Rutgers, the State University of New Jersey, the center spans academia, industry, and government. Staffed by biomaterial scientists, the Center works to improve health care and quality of life by developing advanced biomedical products for tissue repair and replacement as well as the delivery of pharmaceutical agents. The Center's technologies have been translated into clinical and pre-clinical products including surgical meshes, cardiovascular stents, bone regeneration scaffolds, and ocular drug delivery systems.

Media Contact:

Louli Kourkounakis
(732) 445 0488 ext. 40003
symposium@dls.rutgers.edu