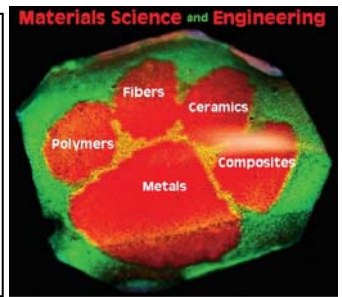


Seminar Series

Sponsored by
School of Materials Science and Engineering
Thursday, September 20, 2007
5:00 PM – Room 200 Olin Hall



"Bioengineering Strategies for Tissue Repair"

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Abstract:

The talk will focus on the recent progress in my laboratory of Clemson-MUSC Regenerative Medicine Lab on the synthesis/application of biodegradable polymers, the fabrication and modification of nanostructured biomaterials, the design and fabrication of tissue engineering scaffolds, the development and applications of dynamic force bioreactors, stem cell biology and engineering, and the regenerative medicine for multiple tissue repair. Lastly, examples on using bioengineering approaches for the treatment of spinal cord injury, stroke, and Parkinson's disease will be discussed.

Bio:

EDUCATION

Ph.D. (2003) Bioengineering (Biomedical Polymer & Tissue Engineering), University of Utah, Salt Lake City, UT, USA; M.S. (2000) Materials Science and Engineering. (Bioceramics), University of Cincinnati, Cincinnati, OH, USA; M.S. (1997) Materials Science and Engineering. (Metallic Biomaterials), Zhejiang University, Hangzhou, China; M.D. (1994) Medicine, Henan Medical University, Zhengzhou, China

POSITIONS AND EMPLOYMENTS

*2003-present Assist Professor (Tenure Track); Department of Bioengineering, Clemson University
2003-present Adjunct Assist Professor; Department of Cell Biology & Anatomy; Medical University of S.C.
2005-present Adjunct Assist Professor; Orthopedic Surgery, Medical University of South Carolina
1999-2003 Research Assist; Keck Center for Tissue Engr. (Biomedical Polymer & Tissue Engr.); Univ. of Utah
1997-1999 Research Assistant; Material Science & Engineering (Bioceramics); University of Cincinnati
1994-1997 Research Assistant, Material Science & Engineering (Metallic Biomaterials); Zhejiang Univ. China
1993-1994 Residency, Henan Medical University Hospital, China*