

Doctoral Candidate
Department of Bioengineering
Clemson University
Clemson SC, 29630-0905

Name

Email: #####
Phone: #####
Fax: 864-656-4466

Professional Preparation:

Undergrad Institution	Undergrad Department	B.S.	Year
Master's Institution	Department	M.S.	Year
Clemson University	Bioengineering	Ph.D.	Year
Clemson University	Entrepreneurship / Education	Certificate	Year

Appointments:

Spring 2010 Teaching Assistant BioE370: Bioinstrumentation and Imaging

Journal Publications: (see format. Please bold your name)

Dean, D., Han, L., Grodzinsky, A. J., and Ortiz, C., "Compressive Nanomechanics of Opposing Aggrecan Macromolecules," *Journal of Biomechanics* 39(14): 2555-2565 (2006)

Peer-Reviewed Conference Proceedings:

Lindburg, CA, Elpers, M., Willey, J., Bateman, T, **Dean, D.**, "Effect of Radiation on Articular Cartilage Mechanical Properties" *Transactions of the Society for Biomaterials*, 35: 106 (2010).

Patents:

Patent Pending: "Environmentally Friendly Methods for Treatment of Wool," USA, CXU-631-P (09-005) with A. Albert, M. Ellison, and M. Kennedy filed 04/2010.

Conference Presentations:

Deitch, S., **Dean, D.**, "Incorporating Cellular Mechanical Heterogeneity in a Multicellular Mechanical Model" Biomedical Engineering Society Annual Meeting in Austin, TX (Oct. 2010)

Other Presentations:

Guest Lecture for Biomechanics class (BioE320) on Newton's Laws, April 1, 2010
Seminar for Undergrads on "Life in Grad School", April 2, 2010

Honors and Award

NSF Travel Fellowship for Mechanics of Soft Materials Course (Spring 2010)

Professional Memberships

Biomedical Engineering Society, BMES (2005- present)

Name

email address

Professional Service

Secretary, Clemson Bioengineering Society, (2006)

BioE Ambassador for Departmental Freshman Engineering Tours (2007)

Undergraduates Mentored

Joe Shmo from Blah State University, during Clemson BioE Super Awesome REU program, Summer 2010

BioE is Awesome, Creative Inquiry Team (6 undergrads), Fall 2009- Fall 2010