

# Jeff E. Sellman, MD

## Jeff E. Sellman, MD

Florida Orthopaedic Institute  
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**Educational Background**

## Undergraduate/Graduate School

University of Florida  
College of Health and Human  
Performance  
Department of Applied Physiology  
and Kinesiology  
Gainesville, FL

## Medical School

University of Florida College of  
Medicine  
Gainesville, FL  
2009

## Internship

Family Medicine  
Palmetto Health Richland/University  
of South Carolina School of Medicine  
Columbia, SC  
2010

## Special Training

## Residency

Family Medicine  
Palmetto Health Richland/University  
of South Carolina School of Medicine  
Department of Family and Preventive  
Medicine  
Columbia, SC  
2012

## Fellowship

Primary Care Sports Medicine  
Palmetto Health Richland/University  
of South Carolina School of Medicine  
Columbia, SC  
2013

## Academic, Hospital And Business Appointments

- Florida Orthopaedic Institute, 2013-Present
- Team Health, Inc.
- University of Tampa Dickey Health and Wellness Center

## Board Certifications

- American Board of Family Medicine
- American Board of Family Medicine Sports Medicine Certificate of Added Qualification

## Professional Affiliations

- American Medical Society for Sports Medicine
- American College of Sports Medicine
- American Academy of Family Physicians

## Research Presentations

- University of Florida College of Health and Human Performance
- Department of Applied Physiology and Kinesiology
- Molecular Physiology Laboratory

## Honors and Awards

- Resident Teacher Award, USC Department of Family and Preventive Medicine
- Chapman Honor Society, Gold Humanism Honor Society
- Member of the Medical Selection Committee, University of Florida
- Southern Medical Association, Scholarship
- Lawrence M. Goodman Trust, Outstanding Research
- Honor Society of Phi Epsilon Kappa, Vice President
- University Scholars Recipient, Undergraduate Research Grant
- Army Reserve Component Achievement Medal
- The Army Achievement Medal
- Distinguished Honor Graduate, Land Combat Missile Repair, Redstone Arsenal, Alabama

## Publications

- Q. Soltow, V. Lira, J. Betters, J. Long, J. Sellman, E. Zeanah, and D. Criswell. Nitric oxide regulates stretch-induced proliferation in C2C12 myoblasts. *J Muscle Res Cell Motil.* 2010 Sept;31(3):215-25.
- J. Drenning, V. Lira, C. Simmons, Q. Soltow, J. Sellman, and D. Criswell. Nitric oxide facilitates NFAT-dependent transcription in mouse myotubes. *Am J Physiol Cell Physiol.* 2008 Apr;294(4):C1088-95.
- V. Lira, Q. Soltow, J. Long, J. Betters, J. Sellman, and D. Criswell. Nitric oxide increases GLUT4 expression and regulates AMPK signaling in skeletal muscle. *Am J Physiol Endocrin Metab.* 2007 Oct;293(4):E1062-8.
- J. Long, V. Lira, Q. Soltow, J. Betters, J. Sellman, and D. Criswell. Arginine supplementation induces myoblast fusion via augmentation of nitric oxide production. *J Muscle Res Cell Motil.* 2006;27(8):577-84.
- Q. Soltow, J. Betters, J. Sellman, V. Lira, J. Long, and D. Criswell. Ibuprofen inhibits skeletal muscle hypertrophy in rats. *Med Sci Sports Exerc.* 2006 May;38(5):840-6.
- J. Sellman, K. DeRuisseau, J. Betters, V. Lira, Q. Soltow, J. Selsby, and D. Criswell. In vivo inhibition of nitric oxide synthase impairs upregulation of contractile protein mRNA in overloaded plantaris muscle. *J Appl Physiol.* 2006 Jan;100(1):258-65.

## **Publications (cont.)**

- D. VanGammeren, D. Falk, K. DeRuisseau, J. Sellman, M. DeCramer, and S. Powers. Diaphragm reloading following prolonged mechanical ventilation does not result in diaphragmatic injury. *Chest*. 2005 Jun;127(6):2204-10.
- D. Criswell, R. Shanely, J. Betters, M. McKenzie, J. Sellman, A.M. Zergeroglu, D. VanGammeren, and S. Powers. Cumulative effects of aging and mechanical ventilation on in vitro diaphragm function. *Chest*. 2003 Dec;124(6):2302-8.

## **Posters and Presentations**

- "ACTTING Up: The effect of the Ambulatory Care Transition Team on Patient Hospitalizations." Poster presentation, Senior Research Project, Columbia, SC. 2012.
- "Skeletal muscle overload is associated with nitric oxide-dependent induction of cyclooxygenase-2 mRNA expression" Oral presentation, Integrative Biology of Exercise Annual Meeting, Austin, TX. 2004.
- "Skeletal muscle overload is associated with NOS-independent macrophage infiltration" Oral presentation, American College of Sports Medicine Annual Meeting, Indianapolis, IN. 2004.
- "Long-term voluntary exercise increases cortical bone mass in male rats" Poster presentation, American Society for Bone and Mineral Research Annual Meeting, Seattle, WA. 2003.
- "Nitric oxide synthase activity is necessary for induction of IGF-1 mRNA in overloaded skeletal muscle" Oral presentation, American College of Sports Medicine Annual Meeting, San Francisco, CA. 2003