

## **Joshua Landau, MD**

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Greensboro NC 27401

(336) 375-2300

### **I. Post-Graduate Positions Held**

#### **Orthopedic Surgeon**

Murphy-Wainer Orthopedic Specialists

Greensboro, NC

February 2009 - present

### **II. Medical Staff Positions Held**

#### **Moses-Cone Community Hospital**

Greensboro, NC

February 2009 – present

### **III. Education**

#### **San Diego Arthroscopy & Sports Medicine Fellowship**

San Diego, CA

2007-2008

Graduated “Most Outstanding Fellow”

#### **San Francisco Orthopaedic Residency Training Program**

San Francisco, California

2002-2007

Graduated “Most Outstanding Resident”

#### **University of North Carolina School of Medicine**

Chapel Hill, North Carolina

Medical Doctorate Program

1998-2002

Alpha Omega Alpha National Medical Honors Society

#### **University of California at Berkeley**

Bachelor of Arts, Human Biodynamics

1994-1998

Graduated with Dean’s Highest Honors

Phi Beta Kappa National Honors Society

#### **IV. Licensure**

- American Board of Orthopaedic Surgery Board Certified 9/2011
- American Board of Orthopaedic Surgery Sports Medicine Subspecialty Certified 11/1/2012
- North Carolina State Medical License issued 4/14/2008
- California State Medical License issued 1/16/2004
- United States Drug Enforcement Agency License issued 2/7/2007
- Fluoroscopy X-Ray Supervisor and Operator License issued 9/30/2008
- Biomet Oxford Partial Knee Replacement FDA Approved Training Course, November 2009

#### **v. Current Leadership Positions**

1. Triad Orthopedic Management Board of Directors 1/2013 – present
  - Served on CQI (Continuous Quality Improvement) committee and created Hip Fracture Pathway to provide uniform management guidelines for patients with hip fractures, resulting in substantial decrease in mortality rates and improved patient and provider satisfaction rates
2. Greater Greensboro Society of Medicine Membership Chair 1/2011– present
  - President-Elect of the Society in 2013
  - Initiated programs such as “Connect-the-Docs” quarterly social gatherings to engage and strengthen the relationships between primary care physicians and subspecialists
3. Cal Gymnastics Forever Chairman 7/2010– present
  - Raised 3M to reinstate the Men’s Gymnastics Program to NCAA status
4. Cone Healthlink (Epic) Physician Liason 1/2012– present
  - Develop and integrate solutions for the Orthopedic Medical Staff involving Epic Electronic Medical Record System

## **VI. Academic Honors and Awards:**

### **San Diego Arthroscopy & Sports Medicine Fellowship**

- Winner of the 2008 Jeff Tambourlane Award for “Most Outstanding Fellow”

### **San Francisco Orthopaedic Residency Program**

- Winner of the 2007 Garnet F. Wynne Award for “Most Outstanding Resident”

### **University of North Carolina School of Medicine**

- Alpha Omega Alpha National Medical Honor Society, 2002
- Winner of the Oscar Geballe Postgraduate Academic Scholarship, 1998
- Winner of the NCAA Postgraduate Scholarship, 1998
- National Institute of Health Summer Research Fellowship, 1999
- Winner of the Michiko Kuno Award for Outstanding Research, 2000
- Inducted into the John B. Graham Student Research Society of the University of North Carolina at Chapel Hill School of Medicine, 2000.
- Eugene S. Mayer Community Service Honor Society, Most Outstanding Community Service Project, 2001

### **University of California at Berkeley**

- Phi Beta Kappa National Honor Society, 1998
- Graduated with Dean's Highest Honors
- Student Speaker in the UC Berkeley Graduation Ceremonies, Department of Integrative Biology and Human Biodynamics, 1998
- Winner of the Neufield Scholar Award, 1998
- Finalist in the Walter Byers Postgraduate Academic Scholarship, 1998
- Golden Key National Honor Society, 1997
- Two time winner of the Golden Bear Academic Award
- NCAA Academic All-American, 1998

## IV. Publications

- Landau J, Hoenecke H. Genetic and biomechanical determinants of glenoid version: Implications for glenoid implant placement in shoulder arthroplasty. *J Shoulder Elbow Surg.* 2009 Jul-Aug;18(4):661-7. Epub 2009 Mar 17.
- Landau J, Garrett W. Co-contraction and cruciate injury: a computer analysis of anatomical and biomechanical factors contributing to ACL injury and rehabilitation. *BioMechanics*, October 2001. The project and the simulations are available for further scientific research online at [www.med.unc.edu/ortho/research/kneesimulation](http://www.med.unc.edu/ortho/research/kneesimulation).
- Landau J. Hormones vs. Health Information. *Insight Out: A journal dedicated to exploring the value of community service*, Spring 2001.
- Landau J. Training Regime or Malnutrition Extreme: A study of the Ukrainian pre-competition dietary and training practices. Spring 1996.
- Landau J. MEDAL: Olympic Gold. An online health and physiology educational resource for teenagers. [www.med.unc.edu/medal](http://www.med.unc.edu/medal), Spring 2001.

## **V. Memberships**

- American Academy of Orthopaedic Surgeons – Active Fellow, 2012 – present
- Arthroscopy Association of North America, 1/4/2008 – present
- American Orthopaedic Society for Sports Medicine, 7/10/08 – present
- North Carolina Medical Society Member, 2009 – present
- North Carolina Orthopaedic Association, 2010 – present
- Greater Greensboro Society of Medicine 2009 – present

## **VI. Presentations**

- Landau J. Athletic Knee Injuries. 2010 Medical Lectures, Surgical Center of Greensboro and Orthopaedic Surgical Center, Continuing Education Meeting, September 2010.
- Landau J. Surgical Management of Acute Knee Dislocations. Moses-Cone Trauma CME Accredited Meeting, August 2009.
- Landau J. Arthroscopic Neurovascular Anatomy of the Shoulder. San Diego Arthroscopy and Sports Medicine Fellowship Graduation Research Day, August 2008 and 2009.
- Landau J, Slabaugh P. Accuracy of Digital Measurements. Presented at the San Francisco Orthopaedic Residency Program Graduation Ceremonies Research Day, June 2007.
- Landau J, Gill K. A 4-year prospective study of infection after arthroscopic knee surgery in the community orthopaedic surgical setting. Presented at the San Francisco Orthopaedic Residency Program Graduation Ceremonies Research Day, June 2005.
- Landau J, McGann W. Properties of orthopaedic metallic implants and methylmethacrylate. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, March 2005.
- Landau J, Gill K. A 4-year prospective study of infection after arthroscopic knee surgery in the community orthopaedic surgical setting. Presented at the Western Orthopaedic Society Conference Fall 2004.
- Landau J, Keist C. Bone Grafting Basic Science. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, December 2004.

- Landau J, Freische A. Juvenile Rheumatoid Arthritis. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, December 2004.
- Landau J, Seidman D. Acetabular Fractures. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, November 2004.
- Landau J, Policy J. Pediatric Scoliosis. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, November 2004.
- Landau J, Kogan M. Metabolic Disorders: OI, Rickets, Scurvy, Gauchers, Hurlers and Morquios. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, May 2004.
- Landau J, Wynne G. Spinal cord injury. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, March 2004.
- Landau J, Wynne G. Biomechanics of Human Gait. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, January 2004.
- Landau J, Wynne G. Exercise Physiology. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, January 2004.
- Landau J, Seidman D. Fundamentals of fracture healing with rigid fixation. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, October 2003.
- Landau J, Hoffman R. Hand and Wrist Anatomy. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, August 2003.
- Landau J, Dye S. Thigh and Knee Anatomy. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, August 2003.
- Landau J, Hoffman R. Brachial Plexus Anatomy. Orthopaedic Lecture Series, St. Mary's Medical Center, San Francisco, CA, August 2002.
- Landau J. Making Educated Decisions About Life: Olympic Gold. Family Day, May 2001.
- Landau J. Making Educated Decisions About Life: Olympic Gold. Eugene S. Mayor Community Service Day, February 2001.
- Landau J, Garrett W. Co-contraction and cruciate injury: a computer analysis of anatomical and biomechanical factors contributing to ACL injury and rehabilitation. John B. Graham Student Research Day, University of North Carolina at Chapel Hill, January 2000.

## VII. Research Experience

- Landau J, Hoenecke H. Embryology and pathomechanics of the scapula: the modular scapula theory. San Diego Arthroscopy and Sports Medicine Fellowship, 2007.
- Sakae S, D'Lima D, Landau J, Calvani W, Fronek J, Moriya H, Hoenecke H. Biomechanical Comparison of Two Different Arthroscopic Techniques for Repair of the Rotator Interval. San Diego Arthroscopy and Sports Medicine Fellowship, 2007.
- Landau J, Rottinghaus B, Shaffer J, Slabaugh P, Yerby S. Accuracy of Digital Measurements. Alameda County Medical Center, 2007.
- Landau J, Gill K. A 4-year prospective study of infection after arthroscopic knee surgery in the community orthopaedic surgical setting. Kaiser Oakland, California, 2001-2004.
- Landau J, Garrett W. Co-contraction and Cruciate Injury, Department of Orthopaedics, University of North Carolina, 2002.
- Rubin G, Landau J. Berkeley Drosophila Genome Project. Department of Molecular and Cell Biology, Howard Hughes Medical Institute, University of California at Berkeley, 1997-1998.
- Brooks G, Landau J. The Crossover Study. Undergraduate Research Apprenticeship Program, Department of Human Biodynamics, University of California at Berkeley, 1997.
- Landau J, McLaughlin E. Training Regime or Malnutrition Extreme. Department of Human Biodynamics, Sports Medicine, University of California at Berkeley, 1997.

## **VIII. Athletic Activities, Honors, and Awards**

- Two-time NCAA National Champion:
  - 1997 NCAA National Men's Gymnastics Team Champion
  - 1998 NCAA National Men's Gymnastics Team Champion
- Team Captain: UC Berkeley NCAA Men's Gymnastics Team, 1997-1998
- Qualified to compete in the All-Around in the 1997 World Championship Trials/USA Elite National Championships
- Qualified to the All-Around Finals of the USA Elite Senior National Championships held in February, 1998
- Honored with the 1997 Christopher James Faust Award
- Member of the UC Berkeley Men's Gymnastics Team, 1994-1998
- Winner of the 1998 Sears Cup
- Trained for a summer in Kiev, Ukraine, with the Olympic Bronze Medal Winning Ukraine National Team, 1995

## **VIX. Other Experience**

- Chief Executive Officer, NorthBase Holdings Limited, 2002 - 2007.  
NorthBase specializes in the development and delivery of efficient electronic medical records for practitioners in the small and large office setting.
- National Institute of Health, UNC-Orthopedics: created a computer simulation to analyze muscular dynamics in ACL injury.
- Berkeley Drosophila Genome Project: Department of Molecular and Cell Biology, Professor Gerald M. Rubin, Howard Hughes Medical Institute, University of California at Berkeley.
- Undergraduate Research Apprenticeship Program: Department of Human Biodynamics, Professor George Brooks, the Crossover Study, University of California at Berkeley.
- Math and Writing Tutor, Golden Bear Athletic Study Center, University of California at Berkeley.
- Teaching Assistant: Human Biodynamics 107, Sports Medicine, Dr. Edward McLaughlin, University of California at Berkeley.