

**Robert P. Norton, MD, FAAOS**  
**Diplomat, American Board of Orthopaedic Surgery**  
**Fellow, American Academy of Orthopaedic Surgeons**

robertnortonmd.com

**PROFESSIONAL EXPERIENCE**

<b>Florida Spine Associates – Founding Partner</b> <i>Orthopaedic Spine Surgeon</i>	Boca Raton & Delray Beach, FL Current
<b>Charles E. Schmidt College of Medicine, Florida Atlantic University</b> <i>Affiliate Associate Professor</i>	Boca Raton, FL Current
<b>University of Miami, Miller School of Medicine</b> <i>Volunteer Faculty Dept. of Orthopaedic Surgery</i>	Miami, FL Current
<b>Nova Southeastern University, College of Osteopathic Medicine</b> <i>Volunteer Faculty Dept. of Orthopaedic Surgery</i>	Ft. Lauderdale, FL Current
<b>Boca Raton Regional Hospital</b> <i>Vice Chief, Department of Orthopaedic Surgery</i>	Boca Raton, FL Current
<b>Delray Beach Surgical Suites</b> <i>Board of Directors</i>	Delray Beach, FL Current
<b>Ortho Florida</b> <i>Governing Board Member</i>	Boca Raton, FL September 2018 – Present

**PROFESSIONAL TRAINING**

<b>NYU Hospital for Joint Diseases Spine Surgery Fellowship</b> <i>Fellow in Spine Surgery</i>	New York, NY August 2012-July 2013
<b>University of Miami/Jackson Memorial Hospital</b> <i>Resident in Orthopaedic Surgery</i> <ul style="list-style-type: none"><li>• Administrative Chief Resident</li></ul>	Miami, FL July 2008-June 2012
<b>University of Miami/Jackson Memorial Hospital</b> <i>Internship in Orthopaedic Surgery</i>	Miami, FL June 2007-June 2008

## EDUCATION

### **Jefferson Medical College**

*Doctor of Medicine*

Philadelphia, PA  
August 2003-June 2007

- Alpha Omega Alpha Honor Society: Junior Inductee
- Magna Cum Laude

### **Rutgers, The State University of New Jersey**

*Bachelor of Science in Exercise Science*

New Brunswick, NJ  
August 1998- May 2002

- Magna Cum Laude

## SURGEON INSTRUCTOR & LECTURES

### **Baxter National Meeting**

*Actifuse Bone graft Substitutes: Case Studies*

San Diego, CA  
February 4, 2019

### **Baxter National Meeting**

*Validated Intraoperative Bleeding (VIBe) Scale*

San Diego, CA  
February 4, 2019

### **Nuvasive**

*Cadaver lab proctor and clinical instructor*

San Diego, CA  
September 24, 2018

### **Medicrea**

*Life After Fellowship*

New York City, NY  
May 19, 2018

### **Baxter National Meeting**

*Actifuse Bone graft Substitutes: Case Studies*

Orlando, FL  
February 26, 2018

### **Spinal Elements Surgeon Training Lab**

*Surgeon cadaver lab proctor and instructor*

Boca Raton, FL  
January 5-6, 2018

### **Integrity Implants**

*Lecture on FlareHawk TLIF*

Orlando, FL  
October 25, 2017

### **Spinal Elements Internal Employee Training Lab**

*Cadaver lab proctor and instructor*

Atlanta, GA  
August 17-19, 2017

### **Florida Spine Associates Training Lab**

*Surgeon cadaver lab proctor and instructor*

Boca Raton, FL  
July 7-8, 2017

### **Surgeon Training Lab**

*Surgeon cadaver lab proctor and instructor*

Santa Cruz, CA  
February 25, 2017

<b>Baxter National Meeting</b> <i>Actifuse Bone graft Substitutes: Case Studies</i>	Nashville, TN February 22, 2017
<b>Spine Interactive Educational Program</b> <i>Surgeon cadaver lab proctor and instructor</i>	San Diego, CA November 18, 2016
<b>Amendia Surgeon Training Lab</b> <i>Surgeon cadaver lab proctor and instructor</i>	Atlanta, GA December 9-10, 2016
<b>Amendia Surgeon Training Lab</b> <i>Surgeon cadaver lab proctor and instructor</i>	Atlanta, GA April 24-25, 2015
<b>Amendia Surgeon Training Lab</b> <i>Surgeon cadaver lab proctor and instructor</i>	Atlanta, GA February 27-28, 2015

### COMMITTEE MEMBER

<b>Integrity Spine</b> <i>Spinal Implant design Team</i>	Jupiter, FL
<b>Medicrea</b> <i>Spinal Implant design Team</i>	New York, NY
<b>Nuvasive</b> <i>Lumbar instrumentation design team</i>	San Diego, CA
<b>Osseus</b> <i>Spinal Implant design Team</i>	Dallas, TX
<b>Baxter</b> <i>Spine Advisory Board Meeting</i>	Chicago, IL August 22, 2018
<b>Florida Orthopaedic Society Annual Meeting</b> <i>Chairman of Spine Breakout Session</i>	St. Peterburg, FL June 21-24, 2018
<b>Florida Orthopaedic Society</b> <i>Health Policy Committee</i>	2017 – Present
<b>Florida Orthopaedic Society</b> <i>Florida Medical Association – FOS Delegate</i>	Orlando, FL August 4-6, 2017
<b>Vice-Chief Department of Orthopaedic Surgery</b> <i>Boca Raton Regional Hospital</i>	Boca Raton, FL August 2016 – Present

**Medical Credentialing Committee**  
*West Boca Medical Center*

Boca Raton, FL  
August 2016 - Present

**Surgical Management Committee**  
*West Boca Medical Center*  
Present

Boca Raton, FL  
August 2014 –

## **PATENTS & INTELLECTUAL PROPERTY**

**Pedicle Screw Mounted Retractor**  
*Docket Number: DN0337*

2018

## **AWARDS & HONORS**

### **Florida Spine Associates – Attending Physician**

- Vitals Website elected Top Doc Award which is given to 5% of physicians nationally
- Recipient of the 2014 International Society for the Advancement of Spine Surgery Kostuik Innovation Award

### **NYU-Hospital for Joint Diseases – Spine Fellow**

- AOSpine North America Fellowship
  - Recipient of spine fellowship scholarship
- Spine Technology & Education Group Organization
  - Recipient of an educational scholarship
- Pfiedler Enterprises Spine Fellows Course Scholarship
  - Recipient of an educational grant
- 2013 North American Spine Society Value Award Abstract nomination
  - Award to high quality research given to foster and recognize efforts to define value in spine care

### **University of Miami/Jackson Memorial Hospital – Orthopaedic Surgery Resident**

- Administrative Chief Resident for the Department of Orthopaedic Surgery
  - Elected to be liaison between orthopaedic residents and the faculty
  - Participation in quarterly residency education committee meetings
- American Orthopaedic Association Annual Resident Leadership Forum, 2011
  - Selected for participation in 9<sup>th</sup> annual resident leadership forum for the top PGY4 resident
- Graduate Medical Education Committee
  - Participate in monthly meeting between all hospital departments
- Resident Selection Committee for Orthopaedic Surgery Department

- Elected to serve on the interview and selection committee for incoming applicants

**Jefferson Medical College – Medical Student**

- Alpha Omega Alpha Honor Medical Society: Junior induction, 2006
- Dr. James D. Beach \$10,000 Memorial Scholarship: recipient must be within top 1% class rank
- Hobart Amory Hare Honor Medical Society
- Association of Pathology Chairs Honor Society
- Eben J. Carey Memorial Award in Anatomy

**Rutgers, The State University of New Jersey**

- Dean's List: 6 semesters 1999-2002
- George H. Cook Scholar Research Graduate for outstanding achievement and scholastic excellence
- Police Benevolent Association Scholarship for academic and community excellence
- Paul J. Roos Memorial Scholarship
- Alpha Epsilon Delta Premedical Honor Society
- Golden Key National Honor Society
- Gamma Sigma Alpha National Greek Honor Society
- Scholastic Achievement Award by the Interfraternity Council

**PUBLICATIONS**

**Norton R**, Bianco K, Klifto C, Bendo J. Degenerative Spondylolisthesis: an Analysis of Trends within the National Inpatient Sample (NIS) Database. *Spine* 2015 Aug 1;40(15):1219-27.

Gombosh M, **Norton R**, Steinlauf S. Reconstruction of a Chronic Achilles Tendon Rupture With Achilles Tendon Allograft: A Case Report. *J Foot Ankle Surg* (Submitted).

Baria D, Lindsey R, **Norton R**, Kaimrajh D, Milne EL, Latta LL. The Effects of Lumbosacral Fusion on Sacroiliac Joint Biomechanics. *The Spine Journal* (Submitted).

Falakassa J, Hirsh BP, **Norton RP**, Mendez M, Eismont FJ. Case review of infections of the Spine in Patients with a History of Solid Organ Transplantation. *Spine* 2014 Sep 1;39(19):E1154-8.

**Norton R**, Kaimrajh DN, Eismont FJ, Latta L, Williams SK. Biomechanical Analysis of Four- Versus Six-Screw Constructs for Short-Segment Pedicle Screw and Rod Instrumentation of Unstable Thoracolumbar Fractures. *Spine J* 2014 Aug 1;14(8):1734-9.

Eismont FJ, **Norton RP**, Hirsch BP. Surgical Management of Lumbar Degenerative Spondylolisthesis. *J Am Acad Orthop Surg*. 2014 Apr;22(4):203-13.

Bianco K, **Norton R**, Schwab F, Smith J, Klineberg E, Obeid I, Mundis G, Kebaish K, Hostin R, Hart R, Burton D, Ames C, Boachie O, Protosaltis T, Lafage V, ISSG. Complications and Inter-Center Variability of Three Column Osteotomies for Spinal Deformity Surgery: a Retrospective Review of 423 Patients. *Neurosurg Focus*. 2014 May;36(5):E18.

**Norton R**, Bianco K, Lafage V, Schwab F, International Spine Study Group Foundation. Complications and Inter-Center Variability of Three Column Osteotomies for Spinal Deformity Surgery: a Retrospective Review of 423 Patients. *Evid Based Spine Care J*. 2013 Oct;4(2):157-9.

**Norton R**, Lehnhard R, Kearns C, McKeever K. Ephedra increases VO<sub>2</sub>, impairs thermoregulation and cardiovascular function, but does not enhance exercise performance. *Comparative Exercise Physiology* 2013;9(2): 109-117.

Park J, Restrepo C, **Norton R**, Mandel S, Sharkey P, Parvizi J. Common Peroneal Nerve Palsy Following Total Knee Arthroplasty Prognostic Factors and Course of Recovery. *J Arthroplasty*. 2013;28(9):1538-42.

Park J, Hozack B, Kim P, **Norton R**, Mandel S, Restrepo C, Parvizi J. Common Peroneal Nerve Palsy Following Total Hip Arthroplasty: Prognostic Factors for Recovery. *J Bone Joint Surg*. 2013;95:e55(1-5).

Landy D, **Norton R**, Barkin J, Henriques S, Owens P, Miki R. Upper Extremity Fractures in Pedestrian Versus Motor Vehicle Accidents: An Underappreciated Concern. *Iowa Orthop J* 2009, Vol 30:99-103.

Smith H, Kerr S, Chauldhry S, **Norton R**, Vaccaro AR, Albert TJ, Harrop J, Hilibrand AS, Patel A. An Analysis of Odontoid Fractures in Octogenarians: the experience at a regional spinal cord injury center. *J Spinal Disord Tech*. 2008 Dec; 21(8):535-9.

**Norton R**, Patel D, Kurd MF, Picetti G, Vaccaro AR. The Use of Thoracoscopy in the Management of Adolescent Idiopathic Scoliosis. *Spine*. 2007 Nov 15;32(24):2777-2785.

Kurd MF, Patel D, **Norton R**, Picetti G, Vaccaro AR. Non-Operative Treatment of Symptomatic Spondylolysis. *J Spinal Disord Tech*. 2007 Dec;20(8):560-564.

**Norton R**, Parvizi J. Hip Pain in Young Adults: A Practical Approach to Treatment. *The Journal of Musculoskeletal Medicine*. 2007 Feb;24:65-72.

**Norton R**, Parvizi J. Hip Pain in Young Adults: Making a Difficult Diagnosis. *The Journal of Musculoskeletal Medicine*. 2006 Dec;23:857-872.

McKeever KH, **Norton RP**, Kearns CF, Betros CL, Gordon ME, Filho HC. Effects of Ma Huang on Cardiovascular Function and Exercise Performance in Horses. *Medicine & Science in Sports & Exercise*: Volume 35(5) Supplement 1:S267, May 2003.

## PUBLICATIONS IN PROCESS

Houten J, **Norton R**, Pasternack J. "Cervical Myelopathy Presenting without Symptoms in the Upper Extremities: Incidence and Presenting Characteristics" *Journal of Neurosurgery: Spine*.

**Norton R**. "Kyphoplasty Cement Augmentation Technique." *Spinal Compression Fractures in Osteoporotic and Pathologic Bone – Textbook*

## BOOK CHAPTERS

**Norton R**, Goldstein J. "Cervical Total Disc Replacement." *Spine Disorders and Treatment: The NYU-HJD Textbook*.

**Norton R**, Paul J, Protopsaltis T. "Thoracolumbar and Sacral Fracture Surgery." *Spine Disorders and Treatment: The NYU-HJD Textbook*.

Paul J, **Norton R**, Protopsaltis T. "Traumatic Cervical Spinal Fracture Surgery." *Spine Disorders and Treatment: The NYU-HJD Textbook*.

Hussain Q, **Norton R**, Spivak J. "Surgical Management of Lumbar Degenerative Spondylolisthesis." *Spine Disorders and Treatment: The NYU-HJD Textbook*.

**Norton R**, Roper J, Lattuga S, Eismont F. "Gunshot Wounds of the Spine." *Spine Trauma*. Ed. Jack Zigler, Frank Eismont, Steven Garfin, Alexander Vaccaro. Rosemont, IL: American Academy of Orthopaedic Surgeons, 2011. 619-644.

**Norton R**, McDowell G, Cammisa F, Eismont F. "Hyperextension Injuries of the Cervical Spine." *Spine Trauma*. Ed. Jack Zigler, Frank Eismont, Steven Garfin, Alexander Vaccaro. Rosemont, IL: American Academy of Orthopaedic Surgeons, 2011. 465-497.

**Norton R**. "Giant Cell Tumor of Bone." *High Yield Orthopaedics*. Ed. Javad Parvizi. Philadelphia, PA: Saunders, 2010. 208-209.

**Norton R**. "Chondrosarcoma." *High Yield Orthopaedics*. Ed. Javad Parvizi. Philadelphia, PA: Saunders, 2010. 100-101.

## PODIUM PRESENTATIONS

**Norton, R.** “Adult Lumbar Disc Herniation: Treatment, Complications, Outcomes, and Evidence-Based Data for Patient and Health Professional Counseling” American Academy of Orthopaedic Surgeons 2019 Annual Meeting. Mar 14, 2019, Las Vegas, NV.

**Norton, R.** “Spine Pathology Mimicking Hip Pathology” Is it the back or the hip; differentiating lumbar spine from hip pathologies: key points of evaluation and treatment. Instructional Course Lecture, American Academy of Orthopaedic Surgeons 2019 Annual Meeting. Mar 15, 2019, Las Vegas, NV.

**Norton R,** Pasternack J, Houten J. Cervical Myelopathy Presenting without Symptoms in the Upper Extremities: Incidence and Presenting Characteristics. Cervical Spine Research Society 46<sup>th</sup> Annual Meeting, Dec 8, 2018, Scottsdale, AZ.

**Norton R.** Challenges & Experience Building Your Own Practice. Life After Fellowship, Medica, May 19, 2018, New York City, NY.

**Norton, R.** “Spine Pathology Mimicking Hip Pathology” Is it the back or the hip; differentiating lumbar spine from hip pathologies: key points of evaluation and treatment. Instructional Course Lecture, American Academy of Orthopaedic Surgeons 2018 Annual Meeting. Mar 8, 2018, New Orleans, LA.

**Norton, R.** “Pedicule Subtraction Osteotomy & Vertebral Column Resection” Complex Spine & Interventional Pain Symposium & Lab. PGA National Resort and Spa - Grand Rounds. Nov 11, 2017, Palm Beach Gardens, FL.

**Norton, R.** “Posterior Cervical Osteotomy for Deformity” Complex Spine & Interventional Pain Symposium & Lab. PGA National Resort and Spa - Grand Rounds. Nov 12, 2017, Palm Beach Gardens, FL.

**Norton, R.** “Thoracolumbar Scoliosis” Brain and Spine for Primary Care. PGA National Resort and Spa - Grand Rounds. Nov 12, 2016, Palm Beach Gardens, FL.

**Norton, R.** “Sagittal Plane Deformity: Pathologic Loss of Lumbar Lordosis” Florida Orthopaedic Society (FOS), Spine Breakout Session, Annual Meeting, May 21, 2016, Orlando, FL.

**Norton, R.** “Flatback Syndrome: Pathologic Loss of Lumbar Lordosis” Degenerative Diseases of the Spine: Diagnosis and Management, Spine Symposium, Marcus Neuroscience Institute, Boca Raton Regional Hospital, March 20, 2016, Boca Raton, FL.



**Norton, R.** “Osteoporotic Compression Fracture Management: What is the role of Kyphoplasty in 2016” Boca Raton Regional Hospital Grand Rounds, Feb 9, 2016, Boca Raton, FL.

Bianco K, **Norton R**, Schwab F, Smith J, Klineberg E, Obeid I, Mundis G, Kebaish K, Hostin R, Hart R, Burton D, Ames C, Boachie O, Protosaltis T, Lafage V, ISSG. Complications and Inter-Center Variability of Three Column Osteotomies for Spinal Deformity Surgery: a Retrospective Review of 423 Patients. International Society for the Advancement of Spine Surgery 14<sup>th</sup> Annual Meeting, April 30–May 2, 2014, Miami, FL.

Bianco K, **Norton R**, Klifto C, Bendo J. Degenerative Spondylolisthesis: an Analysis of Trends within the National Inpatient Sample (NIS) Database. International Society for the Advancement of Spine Surgery 14<sup>th</sup> Annual Meeting, April 30–May 2, 2014, Miami, FL.

Bianco K, **Norton R**, Schwab F, Smith J, Klineberg E, Obeid I, Mundis G, Kebaish K, Hostin R, Hart R, Burton D, Ames C, Boachie O, Protosaltis T, Lafage V, ISSG. Complications and Inter-Center Variability of Three Column Osteotomies for Spinal Deformity Surgery: a Retrospective Review of 423 Patients. North American Spine Society (NASS) 28<sup>th</sup> Annual Meeting, October 9-12, 2013, New Orleans, Louisiana.

Bianco K, Schwab F, **Norton R**, Smith J, Klineberg E, Obeid I, Mundis G, Kebaish K, Hostin R, Hart R, Burton D, Ames C, Boachie O, Protosaltis T, Lafage V, ISSG. Complications and Inter-Center Variability of Three Column Osteotomies for Spinal Deformity Surgery. 48<sup>th</sup> Annual Meeting of the Scoliosis Research Society (SRS), September 18-21, 2013, Lyon France.

**Norton R**, Baria D, Lindsey R, Kaimrajh D, Milne E, Latta L. The Effects of Lumbosacral Fusion on Sacroiliac Joint Biomechanics. North American Spine Society (NASS) 28<sup>th</sup> Annual Meeting, October 9-12, 2013, New Orleans, Louisiana.

**Norton R**, Bianco K, Bendo J. An Analysis of National Trends, Risks, and Benefits of Surgical Interventions for Degenerative Spondylolisthesis. NYU-HJD Fellowship Research Presentations, July 18<sup>th</sup>, 2013, New York, NY

**Norton R**, Bianco K, Lafage V, Schwab F. Complications and Inter-Center Variability of Three Column Osteotomies for Spinal Deformity Surgery: a Retrospective Review. Spine Technology & Education Group 10<sup>th</sup> Annual Symposium, June 20-22, 2013, Los Cabos, Mexico.

**Norton R**. Inflammatory Arthritides of the Spine. Orthopaedic Residents Lecture Series, April 3<sup>rd</sup>, 2013, New York, NY.

**Norton R**. Cervical Total Disc Replacement: Pros and Cons. Spine conference. April 5<sup>th</sup>, 2013, New York, NY.

**Norton R**, Baria D, Lindsey R, Kaimrajh D, Milne E, Latta L. The Effects of Lumbosacral Fusion on Sacroiliac Joint Biomechanics. American Academy of Orthopaedic Surgeons Annual Meeting, March 19-23, 2013, Chicago, IL.

**Norton R**, Bianco K, Lafage V, Schwab F. Complications and Inter-Center Variability of Three Column Osteotomies for Spinal Deformity Surgery: a Retrospective Review of 423 Patients. AOSpine North America 11<sup>th</sup> Annual Fellows Forum, March 15-17, 2013, Banff Springs, Alberta, Canada.

**Norton R**. Thoracolumbar Spine Trauma. Spine conference. November 16<sup>th</sup>, 2012, New York, NY.

**Norton R**, Williams S, Milne E, Kaimrajh D, Eismont F, Latta L. Short Segment Fixation of an L1 Compression Fracture – 4 vs. 6 screws. 28<sup>th</sup> Annual Meeting of the Orthopaedic Trauma Association (OTA), October 3-6, 2012, Minneapolis, MN.

**Norton R**, Williams S, Milne E, Kaimrajh D, Eismont F, Latta L. Biomechanics of Short Segment Fixation in an Unstable Thoracolumbar Flexion-Distractoin Injury Model: 6-screw Construct With and Without Facet Compression. 28<sup>th</sup> Annual Meeting of the Orthopaedic Trauma Association (OTA), October 3-6, 2012, Minneapolis, MN.

Asghar J, **Norton R**, Schufflebarger H. Low Pre-operative SRS-22 Scores Predict Poor Post Operative Outcomes in AIS. 19<sup>th</sup> International Meeting on Advanced Spine Techniques (IMAST), July 18-21, 2012, Istanbul, Turkey.

**Norton R**. “Allogeneic Bone Graft versus Bone Morphogenetic Protein Supplementation with Instrumented Lumbar Spinal Fusion for the Management of Degenerative Spondylolisthesis.” Florida Orthopaedic Society (FOS), Resident Research Competition, Annual Meeting May 31-June 3, 2012, Sarasota, FL.

**Norton R**. “Short Segment Fixation of an L1 Compression Fracture: 4 versus 6-screw constructs.” Florida Orthopaedic Society (FOS), Spine Breakout Session, Annual Meeting May 31-June 3, 2012, Sarasota, FL.

**Norton R**. “Biomechanical Analysis of Short Segment Fixation in an Unstable Thoracolumbar Flexion-Distractoin Injury Model: 6-Screw Construct with and without Facet Compression.” Florida Orthopaedic Society (FOS), Spine Breakout Session, Annual Meeting May 31-June 3, 2012, Sarasota, FL.

**Norton R**. “Biomechanical Analysis of Posterior Short Segment Fixation in Unstable Thoracolumbar Injuries: Axial Load & Flexion-Distractoin Cadaveric Injury Models.” University of Miami Orthopaedic Grand Rounds, January 26, 2012, Miami, FL.

**Norton R**. “Operative Management of Degenerative Lumbar Spondylolisthesis: What is the Role of BMP?” University of Miami Orthopaedic Grand Rounds, June 2, 2011, Miami, FL

**Norton R.** “Biomechanics: Lumbosacral Construct Effects on the SI Joint.” Florida Orthopaedic Society, Annual Meeting May 19-22, 2011, Orlando, FL

**Norton R.** “Case Study of a Giant Cell Tumor of Bone.” Jefferson Medical School Annual Student Research Symposium for the Pathology Honors Program of Advanced Study, April 2005, Philadelphia, PA.

**Norton R.** “Effects of Ephedrine Supplementation on the Cardiovascular System of Horses.” Rutgers University Annual Student Research Symposium, April 2002, New Brunswick, NJ.

## POSTER PRESENTATIONS

**Norton R,** Klifto C, Goz V, Bendo J. Degenerative Spondylolisthesis: an Analysis of Trends within the National Inpatient Sample (NIS) Database. North American Spine Society (NASS) 28<sup>th</sup> Annual Meeting, October 9-12, 2013.

**Norton R,** Bianco K, Lafage V, Schwab F. Complications and Inter-Center Variability of Three Column Osteotomies for Spinal Deformity Surgery: a Retrospective Review of 423 Patients. AOSpine North America 11<sup>th</sup> Annual Fellows Forum, March 15-17, 2013, Banff Springs, Alberta, Canada.

Ashgar J, **Norton R,** Schufflebarger H. Criteria for Determining LIV in Lenke 6C Curves: Suk Criteria vs. the End Vertebrate. 47<sup>th</sup> Annual Meeting of the Scoliosis Research Society (SRS), Sept. 5-8, 2012, Chicago, IL.

**Norton R,** Williams S, Milne E, Kaimrajh D, Eismont F, Latta L. Short segment fixation of an L1 compression fracture – 4 vs. 6 screws. Orthopaedic Research Society, Annual Meeting, February 4-7, 2012 San Francisco, CA.

**Norton R,** Williams S, Milne E, Kaimrajh D, Eismont F, Latta L. Biomechanical analysis of short segment fixation in an unstable thoracolumbar flexion-distraction injury model: 6-screw construct with and without facet compression. Orthopaedic Research Society, Annual Meeting, February 4-7, 2012 San Francisco, CA.

**Norton R,** George S, Sawardeker P, Brown M. Allogeneic bone graft versus bone morphogenetic protein for lumbar spinal fusion. Lumbar Spine Research Society, Annual Meeting, May 5-6, 2011, Chicago, IL.

Baria D, Lindsey R, **Norton R,** Kaimrajh D, Milne EL, Latta LL. The effects of lumbosacral fusion on sacroiliac joint biomechanics. Orthopaedic Research Society, Annual Meeting, January 13-16, 2011 Long Beach, CA.

## GRANTS

### **Orthopaedic Research & Education Foundation Resident Journal Club Grant**

July 2010

- Received a \$2,000 stipend for journal club financing.

### **Foerderer Grant for International Study**

April 2007

- One month mentorship in interventional radiology at Heraklion University, Crete, Greece

### **Foerderer Grant for International Study**

July 2004

- One month mentorship in orthopaedic surgery at the Royal London Hospital, London, England

## VOLUNTEER EXPERIENCE AND ACTIVITIES

### **Alpha Omega Alpha Honor Society**

Spring 2006 to Spring 2007

*AOA Tutoring Director*

- Organized the AOA tutoring program for first and second year medical students
- Provided one-on-one tutoring
- Organized practice practicals for the first year medical students participating in Gross Anatomy

### **Orthopaedic Society of Jefferson Medical College**

*President*

Spring 2006 to Spring 2007

- Developed an Attending Physician-Student mentor program
- Organized monthly meetings and workshops on topics such as casting, physical examination, injections and knee aspirations, and residency preparation

*Vice President*

Fall 2005 to Spring 2006

- Managed internal affairs of the society including email listings, announcements, and acquisition of funding

### **Hobart Amory Hare Honor Medical Society of Jefferson Medical College**

Fall 2005 to Spring 2007

*Co-Chairman of Raft Debate Committee*

- Organize a debate between physicians in which they argued with comical persuasion which specialty was the “most important”

**Phi Chi Medical Fraternity of Jefferson Medical College**

*President*

Fall 2006 to Spring 2007

- Led monthly meetings, communicated with nationals, and organized our annual alumni fundraiser
- Oversaw officer positions with ultimate responsibility of house management and economic affairs

*House Manager/Vice President*

Spring 2004 to Spring 2005

- Responsible for daily functioning of the house, coordination of contractors for house repairs, obtaining funding for house related issues, and organizing various house improvement projects

**Curriculum Steering Committee of Jefferson Medical College**

Fall 2004 to Spring 2005

*Student Member*

- Attended monthly meetings with the directors of courses in the second year of medical school to act as an advocate for the concerns of the students

**Foundations of Clinical Medicine of Jefferson Medical College**

Fall 2004 to Spring 2005

*Student Liaison*

- Attended monthly meetings with the course director to advocate on behalf of students

**Professional Code of Conduct Committee of Jefferson Medical College**

Fall 2003 to Spring 2004

*Class Representative*

- Committee to enforce the honor code including unprofessional behavior and academic dishonesty

**Admissions Committee of Jefferson Medical College**

Fall 2003 to Spring 2004

*Medical Student Interviewer*

- Interviewed applicants and gave recommendations to the admissions committee

**Theta Chi National Fraternity of Rutgers University**

*Chairman of Standards Board*

2001 to 2002

- Successfully developed bylaws for a code of conduct that were signed by all members
- Mediated disputes among fraternity brothers

*New Member Educator*

2000 to 2001

- Organized weekly meetings with student candidates for membership

- Responsible for candidate membership education, planning of activities for brother and pledge bonding, and organizing initiation of new members at the culmination of an 8 week program

## CONFERENCES ATTENDED

### **America Academy of Orthopaedic Surgeons Annual Meeting**

- Las Vegas, NV March 11-17, 2019

### **Innovasis Spine Symposium**

- Deer Valley, UT February 22-23, 2019

### **SPINE: Base to Summit**

- Vail, CO January 18-21, 2019

### **Cervical Spine Research Society Annual Meeting**

- Scottsdale, AZ December 5-8, 2018

### **North American Spine Society 2018 Annual Meeting**

- Los Angeles, CA September 26-29, 2018

### **Florida Orthopaedic Society Annual Meeting**

- St. Petersburg, FL June 21-24, 2018

### **Castellvi Spine meeting**

- Florida Keys, May 11-13, 2018

### **America Academy of Orthopaedic Surgeons Annual Meeting**

- New Orleans, LA March 6-11, 2019

### **Selby Spine Conference**

- Park City, UT Jan 31-Feb 3, 2018.

### **Complex Spine & Interventional Pain Symposium & Lab**

- Palm Beach Gardens, FL Nov 11-12, 2017.

### **North American Spine Society 2017 Annual Meeting**

- Orlando, FL October 25-28, 2017

### **Castellvi Spine meeting**

- Florida Keys, May 11-13, 2017

### **Brain & Spine Care for Primary Health**

- Palm Beach Gardens, FL Nov 12, 2016.

### **North American Spine Society 2016 annual meeting**

- Boston, MA October 25-29, 2016

### **Florida Orthopaedic Society Annual Meeting**

- Orlando, FL May 19-22, 2016

### **Degenerative Disease of the Spine: Diagnosis and Management: Boca Raton Regional Hospital**

- Boca Raton, FL March 20, 2016

### **Medtronic: Live from New York, Skull to Sacrum**

- Jersey City, NJ April 1-2, 2016

### **American Academy of Orthopaedic Surgeons Annual Meeting**

- Orlando, FL March 1-5, 2016

### **Spine IEP Fellows and Young Surgeons Course**

- San Diego, CA November 20-22, 2015

### **NuVasive iGA Advanced Principles Course**

- San Diego, CA November 6, 2015

### **Globus Creating Sagittal Balance**

- Miami, FL October 24, 2015

### **NuVasive Disruptive Thoughts in Global Alignment**

- Chicago, IL December 12-13, 2014

**North American Spine Society 2014 annual meeting**

- San Francisco, CA November 12-15, 2014

**International Society for the Advancement of Spine Surgery (ISASS) Annual meeting 2014**

- Miami, FL April 30 to May 2<sup>nd</sup>, 2014

**Medtronic: Growing Your Practice**

- Miami, FL, January 24-25<sup>th</sup>, 2014

**Medtronic: Sagittal Alignment Solutions for the Degenerative Lumbar Spine**

- Miami, FL, January 24<sup>th</sup>, 2014

**DePuy Synthes Spine: Advanced Concepts in MIS Summit**

- Miami, FL, January 10-11<sup>th</sup>, 2014

**DePuy Advanced Deformity Visitation with Harry Shufflebarger, MD**

- Miami, FL, Nov. 7-8<sup>th</sup>, 2013

**NuVasive: Degenerative MVP Training for Visiting Surgeon Proctor program**

- Paramus, NJ, Dec. 6<sup>th</sup>, 2013

**Stryker Young Lions: Modern Spine Techniques & Training**

- Ft. Lauderdale, FL, Sept. 20<sup>th</sup>, 2013

**Spine Technology & Education Group Organization 10<sup>th</sup> Annual Symposium**

- Los Cabos, Mexico, June 20-22, 2013

**2013 DePuy Synthes Spine FUTURE LEADERS Workshop: Decision Making & Treatment Options for Spine Tumors**

- New York, NY, May 11, 2013

**AOSpine North America Principles and Treatment of Spinal Disorders**

- Las Vegas, NV, April 19-20, 2013

**American Academy of Orthopaedic Surgeons Annual Meeting**

- Chicago, IL, March 18-23, 2013

**DePuy Synthes Spine ProDisc-C & ProDisc-L Surgeon Forum**

- Raynham, MA February 23-24, 2013

**Pfiedler enterprises Spine Fellow Course**

- Vail, CO, January 25-27, 2013

**Medtronic Spine: Fundamental Principles & Techniques in Spine Surgery**

- Jersey City, NJ, September 28-29, 2012

**Stryker Young Lions: Modern Spine Techniques & Training**

- Ft. Lauderdale, FL Sept. 21, 2012

**Medtronic Spine: Spine Surgeon Transition Program**

- Miami, FL, April 26-28, 2012

**Orthopaedic Research Society**

- San Francisco, CA, February 3-6, 2012

**American Academy of Orthopaedic Surgeons Annual Meeting**

- San Francisco, CA, February 7-11, 2012

**DePuy Spine Pre-fellowship Bioskills Workshop**

- Raynham, MA, July 2011, 2012

**Florida Orthopaedic Society Annual Meeting**

- Orlando, FL, May 19-22, 2011

**Lumbar Spine Research Society**

- Chicago, IL, May 5-6, 2011

**AO Spine North America Principles and Treatment of Spinal Disorders**

- Dallas, TX, September 17-19, 2010

**NuVasive Cadaveric & Educational Lab**

- Miami, FL, August 20-21, 2010

**The Spine Study Group 20<sup>th</sup> and 21<sup>st</sup> Symposium**

- Palm Beach, FL, May 2009, 2010

**AO Basic Fracture Management for Residents**

- Covington, KY, September 10-13, 2009

**DePuy Residents Review Course**

- San Diego, CA, October 2-4, 2008

**Musculoskeletal Oncology Review**

- Islamorada, FL, June 2007, 2008, 2009, 2010, 2011, 2012

## **MEMBERSHIPS & ASSOCIATIONS**

- American Academy of Orthopaedic Surgeons
- American Board of Orthopaedic Surgeons
- AOSpine North American
- International Society for the Advancement of Spine Surgery
- Florida Orthopaedic Society
- Alpha Omega Alpha Honor Medical Society
- Phi Chi Medical Fraternity
- Theta Chi Fraternity

## **HOBBIES & INTERESTS**

- Politics, Traveling, Fitness, family