

# CURRICULUM VITAE



## Jonathan P. Workman, DO, MSA

### Employment

---

September 2017 - Present    Bonutti Clinic - Effingham, Illinois  
*Orthopedic Surgeon*

### Education

---

2007-2011    Des Moines University-College of Osteopathic Medicine, Des Moines, IA  
Doctor of Osteopathic Medicine  
*Class Rank: 11 of 209*

2007-2011    Des Moines University-College of Health Sciences, Des Moines, IA  
Masters of Science in Human Anatomy  
*Outstanding Performance Human Embryology & Development*

2000-2005    Evangel University, Springfield, MO  
Bachelor of Arts in Biblical Studies, minor in Philosophy  
*Magna Cum Laude, Outstanding Philosophy Graduate*

2000-2004    Evangel University, Springfield, MO  
Bachelor of Science in Biology, minors Chemistry and Mathematics  
*Magna Cum Laude, Outstanding Graduate Science & Technology*

### Professional Experience

---

2011 - 2012    Internship in Orthopedic Surgery  
Des Peres Hospital, St Louis, MO

2012 - 2016    Residency in Orthopedic Surgery  
Des Peres Hospital, St Louis, MO  
Training included rotations for Orthopedic Trauma at Saint Louis University Hospital and Pediatric Orthopedics at Cardinal Glennon Hospital (also SLU network)

2016 - 2017    Fellowship in Orthopedic Spine Surgery  
Twin Cities Spine Center, Minneapolis, MN

### Current Licensure

---

Physician and Surgeon License in State of Illinois and Minnesota

### High Academic Performances

---

*Medical School Class Rank:*    11 of 209  
*COMLEX, Level 1 Score:*        718  
*COMLEX, Level 2 CE Score:*    761  
*COMLEX Level 3 Score:*        791

---

## Board Certification Process

---

Part 1 (written exam) – taken 5/11/2016 – *Passed*

Part 2 (oral exam) – taken 10/12/2016 – *Passed*

Part 3 (clinical exam) – Pending case collection

## Recent Courses

---

Nov 2016	2016 Spine IEP Fellows and Young Surgeons' Course in San Diego, CA
Oct 2016	MIS TLIF – cadaver course - Medtronic
April 2016	Orthofix Spinal implants course
March 2016	LDR Spine training in cervical and lumbar disk replacement
March 2016	AAOS Board Preparation and Review Course
Oct 2015	American Osteopathic Academy of Orthopedics 2015 Annual meeting
Aug 2015	Skeletal Dynamics Upper Extremity Cadaver Course
Aug 2015	Proximal humerus and distal radius fixation, cadaver – Conventus
June 2015	Upper Extremity, Cadaver – Arthrex
April 2015	William F. Enneking Musculoskeletal Pathology Seminar
Nov 2014	North American Spine Society Annual Meeting, in San Francisco, CA
June 2014	AANA Shoulder Arthroscopy Course – Arthroscopy Assoc North America
Sept 2013	Shoulder and Knee Arthroscopy Cadaver – Arthrex
June 2013	AO Trauma Advanced Course – AO North America
June 2013	Shoulder and Hip Ultrasound – Orthopedic Specialists
May 2013	Hand & Wrist Dissection Course – Stryker
May 2013	Total Knee & Hip Arthroplasty, Cadaver – Stryker
May 2013	Knee Cadaver Course (Arthroscopy, ACL, Meniscal repair, TKA) – Biomet
April 2013	AO Trauma Basic Course – AO North America
March 2013	Total Shoulder, Hip, & Knee – DePuy
Febr 2013	Total Elbow Arthroplasty, Cadaver – Tornier
Oct 2012	Hand Plates & Endoscopic Carpal/Cubital Tunnel, Cadaver – Integra
Febr 2012	Upper Extremity Trauma, Sawbones – Synthes
Febr 2012	Upper Extremity Trauma, Cadaver – Stryker
Jan–Nov 2012	Multiple additional sawbones courses (wrist, forearm, elbow, humerus, tibial plateau/shaft, ex fix, autograft & bone graft substitutes) – Synthes

## Presentations

---

July 2016 – present	Weekly presentations – cases, M&Ms, research – Twin Cities Spine Center
April 2016	Benign Lytic Bone Lesions – at Des Peres Hospital
March 2016	Patellofemoral Alignment in TKA – at Des Peres Hospital
Feb 2016	Wear and Osteolysis – at Des Peres Hospital
Feb 2016	Achilles Tendon Rupture and Repair – at Des Peres Hospital
Jan 2016	Pediatric Elbow Fractures – at Des Peres Hospital
Dec 2015	Spine Surgical Approaches – at Des Peres Hospital
Nov 2015	Knee Anatomy – at Des Peres Hospital
Sept 2015	ACL Injuries – at Des Peres Hospital
Aug 2015	Spine Journal Article Presentations – at Des Peres Hospital
Aug 2015	Degenerative Spondylolisthesis – at Des Peres Hospital
July 2015	Tibial Plateau Fractures – at Des Peres Hospital
July 2015	Damage Control Orthopedics – at Des Peres Hospital
July 2015	Orthopedic Emergencies – at Des Peres Hospital
Mar 2015	Pediatric Forearm Fractures – at Des Peres Hospital
Dec 2014	Knee Biomechanics – at Des Peres Hospital
Oct 2014	Chondrosarcoma – at Des Peres Hospital
July–Sept 2014	Preop-Postop Conferences – at St Louis University
Feb 2014	Spinal Trauma – at Des Peres Hospital
June 2013	Burst Fractures – at Des Peres Hospital
April 2013	Vascular Injury in Orthopedic Trauma – at Des Peres Hospital
Febr 2013	Infantile and Adolescent Blount Disease – at St Louis University

Sept 2012	Shoulder Trauma – at Des Peres Hospital
June 2012	LisFranc Joint Injury – at Des Peres Hospital
Jan 2012	Acetabular Fractures – at Des Peres Hospital
Nov 2011	Calcaneal Fractures – at Des Peres Hospital
Febr 2010	Failure to Thrive – Mercy Hospital, Des Moines, IA
Dec 2009	Oligohydramnios & Polyhydr – Broadlawns Med Cent, Des Moines IA
Mar 2009	Cardiovascular MRI – at Des Moines University
Dec 2008	Atherosclerosis – at Des Moines University
July 2008	Branchial Apparatus Anomalies – at Des Moines University

## Research

---

*To fuse or not to fuse: factors associated with the development of clinically significant adjacent segment disease after previous single-level fusion with multi-level decompression.* This is a research project I am currently performing at the Twin Cities Spine Center. It is a retrospective review with 5+ years of follow up data.

*MRI-based vertebral endplate signal changes in the degenerating lumbar spine: A literature review of the origin, natural history, prevalence, low back pain association, and potential etiology of Modic change.* Submitted to the American Osteopathic Academy of Orthopedics (AOAO), January 2016.

*A review of rhBMP-2 use in Spine surgery.* Submitted to the AOAO, July 2015.

*A review of burst fracture principles in light of advances in minimally invasive and cement augmentation techniques.* Submitted to the AOAO, July 2014.

*A Cadaveric Presentation of Hip Anatomy with Clinical Applications.* Based upon work performed as part of an advanced dissection project in obtaining M.S. in Human Anatomy. Presented at Des Moines University, June 2010.

*The Sacral Plexus & Anatomical Areas of Damage to its Nerves.* This includes a narrated learning module submitted as part of course completion in obtaining M.S. in Human Anatomy. Submitted to Des Moines University online educational resource library, January 2010.

## Additional Teaching/Work Experiences

---

2008 – 2010 Teaching Assistant, Des Moines University, Human Anatomy Department  
During my second and third years of medical school, I worked with first year D.O. and P.A. students in the head/neck, back/spine, gluteal, and lower extremity sections of the Anatomy course, including cadaver labs.

2001 – 2004 Teaching Assistant, Evangel University, Chemistry Department  
I worked for one year in the General Chemistry and three years in the Organic Chemistry Departments. I ran the laboratory and handled all aspects of teaching and directing students. All necessary personal, academic, and other preparations were handled responsibly, and I was happy to have been awarded with fellowships from the Department for my continued work in this capacity

2000 – 2006 Support staff for mentally and developmentally disabled persons  
Since age 15, and throughout my undergraduate studies, I had worked paid labor of at least 40 hours/week, mostly as a support staff for mentally and developmentally disabled.

## Hospital Committees

---

2011 – 2012 Patient Safety Committee – at Des Peres Hospital

## Honors and Awards

---

2008	Outstanding Performance Human Embryology & Development – Des Moines Univ
2005	Outstanding Philosophy Graduate – Evangel University
2004	Outstanding Graduate in Science & Technology – Evangel University
2002 – 2003	Who's Who – Evangel University
2000 – 2005	Dean's Awards – Evangel University

## Scholarships

---

2009	DMU Herbert Performance Scholarship – Des Moines University
2009	Academic Excellence Scholarship – Des Moines University
2009	Disadvantaged Scholarship – Des Moines University
2008, 2009	Fannie Johnson Pitman Memorial Fund Scholarship – Des Moines University
2008	Performance Excellence Award – Des Moines University

## Professional Society Memberships

---

2016 – present	International Society for the Advancement of Spine Surgery (ISASS)
2014 – present	North American Spine Society (NASS)
2011 – present	Missouri State Orthopaedic Association (MSOA)
2011 – present	American Osteopathic Academy of Orthopedics (AOAO)
2011 – present	American Academy of Orthopedic Surgeons (AAOS)
2011 – present	Missouri Association of Osteopathic Physicians & Surgeons
2007 – present	American Medical Association
2007 – present	American Osteopathic Association
2008 – present	Osteopathic Honors Society- Sigma Sigma Phi
2007 – 2011	Student Osteopathic Surgery Association
2007 – 2011	Student Osteopathic Medical Association
2007 – 2011	American Medical Student Association
2007 – 2011	Christian Medical Association
2007 – 2011	Students for Life
2007 – 2011	Iowa Medical Society
2007 – 2011	Undergraduate American Academy of Osteopathy

## Personal

---

Civil Status:	Married, with children
Outside Interests:	Family, sports, reading, running, walking, travel, art/drawing. Though a hobby not entertained for some time, I am a skilled drawer. Starting with 4 years of art in High School, I have amassed a portfolio of colored and other pencil and charcoal hand drawings, been prized at local art competitions, and once offered scholarships to attend art school.