



David McConda, M.D.

EDUCATION:

- 2017 OrthoCarolina Spine Center
Charlotte, NC
Orthopaedic Spine Surgery Fellowship
AOSpine North America Fellowship
- 2016 West Virginia University School of Medicine
Department of Orthopaedics
Morgantown, WV
Orthopaedic Surgery Residency
- 2010 University of Louisville School of Medicine
Louisville, KY
Doctor of Medicine
- 2002 Georgetown College
Georgetown, KY
Bachelor of Science
Computer Science
Cum Laude

BOARD CERTIFICATION:

- 2021 American Board of Orthopaedic Surgery (ABOS) - Board Certified
11/18/2021. Participating in Maintenance of Certification (MOC)

LICENSURE:

- 2019 Indiana Professional Licensing Agency #01082756A (Active)

2017 Kentucky Board of Medical Licensure #50001 (Active)
2016 North Carolina Medical Board License # 2016-00048
2011 West Virginia State Medical License # 24586

PROFESSIONAL EXPERIENCE:

2022 – Present Orthopaedic Spine Surgeon
Aptiva Health
Louisville, KY

2020 - 2022 Orthopaedic Spine Surgeon
Pomeroy & Rhoads Orthopaedics/Ortho Louisville Orthopaedics &
Sports Medicine
Louisville, KY

2018 – 2020 Orthopaedic Spine Surgeon
Bluegrass Spine Care, PLC
Shelbyville, KY

2017- 2018 Orthopaedic Spine Surgeon
KentuckyOne Health Orthopedic Associates
Flaget Memorial Hospital
Bardstown, KY

GRANTS:

2012 to 2013 Senate Research Grant R-12-017
West Virginia University
Study of Bone Mineral Density in Resident Physicians
\$18,220

PUBLICATIONS:

July/August 2016 **McConda DB**, Boukhemis KW, Matthews LJ, Watkins CM. Bone Mineral Density and Vitamin D Level Compared to Lifestyle in Resident Physicians. *West Virginia Medical Journal*. July/August 2016. Vol. 112:4. p32-36.

July 2016 **McConda DB**, Karnes J, Hamza T, Lindsey BA. A novel Co-Culture Model of Murine K12 Osteosarcoma Cells and *S. aureus* on Common Orthopedic Implant Materials: “The race to the surface” studied *in vitro*. *Biofouling*. 2016 Jul;32(6):627-34.

October 2015 Matthews L, **McConda DB**, Lalli T, Daffner SD. “Orthostetrics:” Management of orthopaedic conditions in the pregnant patient. *Orthopaedics*. 2015 Oct;38(10):e874-80.

- May 2015 Pei M, Li J, **McConda DB**, Wen S, Clovis NB, Danley SS. A comparison of tissue engineering based repair of calvarial defects using adipose stem cells from normal and osteoporotic rats. *Bone*. 2015 May 1;78:1-10.
- March/April 2015 **McConda DB**, Emery SE. Delayed Fracture of Fibular Strut Allograft Following Three-Level Anterior Cervical Corpectomy and Fusion: A Case Report. *West Virginia Medical Journal*. Vol. 111:2.p14-16.
- February 2015 Davis BC, **McConda DB**, Hubbard DF, Kish VL. Biomechanical Evaluation of Proximal Placement of the Femoral LISS Plate. *Am J Orthop*. 2015 Feb; 44(2): E54-7.
- September 2014 Sedney CL, **McConda DB**, Daffner SD. Natural History of Spondylolysis and Spondylolisthesis. *Seminars in Spine Surgery*. Vol 26 (4); p 214-18.
- July 2010 Klinge CM, Riggs KA, Wickramasinghe MS, Emberts CG, **McConda DB**, Barry PN, Magnusen JE: Estrogen receptor alpha 46 is reduced in tamoxifen resistant breast cancer cells and re-expression inhibits cell proliferation and estrogen receptor alpha 66-regulated target gene transcription. *Mol Cell Endocrinol*. 2010 Jul 29;323(2):268-76

PODIUM AND POSTER PRESENTATIONS:

- October 2017 Radiographic Alignment in the Asymptomatic Elderly: What is normal for age?
Podium Presentation
North American Spine Society (NASS) Annual Meeting
Orlando, Florida
- July 2017 Radiographic Alignment in the Asymptomatic Elderly: What is normal for age?
Podium Presentation
24th International Meeting on Advanced Spinal Techniques (IMAST)
Cape Town, South Africa
- April 2017 Radiographic Alignment in the Asymptomatic Elderly: What is normal for age?
Podium Presentation
Lumbar Spine Research Society 10th Annual Meeting
Chicago, IL

March 2017 Radiographic Alignment in the Asymptomatic Elderly: What is normal for age?
Podium/Poster Presentation
AO Spine North America 15th Annual Fellows Forum
Banff Springs, Alberta Canada

April 2014 Bone Mineral Density and Vitamin D level compared to Lifestyle Factors in Resident Physicians
Podium Presentation
West Virginia Orthopaedic Society "Spring Break" Annual Meeting
Stonewall Jackson Resort
Roanoke, WV

April 2013 Tissue Cell Adherence and Biofilm Formation on Common Orthopaedic Biomaterials in a Co-Culture Environment
Podium Presentation
West Virginia Orthopaedic Society "Spring Break" Annual Meeting
Stonewall Jackson Resort
Roanoke, WV

January 2013 Tissue Cell Adherence and Biofilm Formation on Common Orthopaedic Biomaterials in a Co-Culture Environment
Poster Presentation
Orthopaedic Research Society 2013 Annual Meeting
San Antonio, TX

May 2012 Growth of *S. aureus* Biofilm and Osteosarcoma Cells in a Co-Culture Environment on Common Orthopaedic Biomaterials
Podium Presentation
Graduate Medical Education Week
West Virginia University School of Medicine
Morgantown, WV

AWARDS:

April 2013 1st Place Award (\$1000 cash prize)
Resident Research Presentation
"Tissue Cell Adherence and Biofilm Formation on Common Orthopaedic Biomaterials in a Co-Culture Environment"
West Virginia Orthopaedic Society "Spring Break" Annual Meeting

June 2012 Orthopaedic Resident Research Award
West Virginia University Department of Orthopaedics

May 2012 1st Place Award -Basic Science Podium Presentation
"Growth of *S. aureus* Biofilm and Osteosarcoma Cells in a Co-Culture Environment on Common Orthopaedic Biomaterials"
Graduate Medical Education Week
West Virginia University School of Medicine

May 2010 Biochemistry and Molecular Biology Physician/Scientist Award
University of Louisville School of Medicine

October 2006 1st Place Award – First Year Medical Student Division Poster
Presentation
“Role of Estrogen Receptor Alpha Isoform hERalpha46 in
Tamoxifen-Resistant Breast Cancer. “
Research!Louisville
University of Louisville School of Medicine

ORGANIZATIONS:

2016 to present AO Spine North America

2014 to present North American Spine Society (NASS)

2010 to present American Academy of Orthopaedic Surgeons (AAOS)

2010 to 2016 West Virginia Orthopaedic Society
Resident Member
Resident Liaison to the Board of Directors 2014-2016