



David McConda, MD

EDUCATION

OrthoCarolina Spine Center Charlotte, NC Orthopaedic Spine Surgery Fellowship	2017
West Virginia University School of Medicine Morgantown, WV Orthopaedic Surgery Residency	2016
University of Louisville School of Medicine Louisville, KY Doctor of Medicine	2010
Georgetown College Georgetown, KY Bachelor of Science in Computer Science	2002

PROFESSIONAL WORK EXPERIENCE

Orthopaedic Spine Surgeon Aptiva Health Louisville, KY	2022 – present
Orthopaedic Spine Surgeon Pomeroy & Rhoads Orthopaedics/Ortho Louisville Orthopaedics & Sports Medicine Louisville, KY	2020-2022
Orthopaedic Spine Surgeon Bluegrass Spine Care, PLC Shelbyville, KY	2018-2020



LICENSES / CERTIFICATIONS

- American Board of Orthopaedic Surgery (ABOS) - Board Certified 11/18/2021
- Indiana Professional Licensing Agency, Medical License
- Kentucky Board of Medical Licensure
- North Carolina Medical Board License (Inactive)
- West Virginia State Medical License (Inactive)

PUBLICATIONS / PRESENTATIONS

LITERATURE:

- **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.
- **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.
- Matthews L, **McConda DB**, Lalli T, Daffner SD. "Orthostetrics:" Management of orthopaedic conditions in the pregnant patient. *Orthopaedics*. 2015 Oct;38(10):e874-80.
- 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.
- **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.
- 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.
- Sedney CL, **McConda DB**, Daffner SD. Natural History of Spondylolysis and Spondylolisthesis. *Seminars in Spine Surgery*. Vol 26 (4); p 214-18.
- 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 / POSTER PRESENTATIONS:

- Radiographic Alignment in the Asymptomatic Elderly: What is normal for age? Podium Presentation. North American Spine Society (NASS) Annual Meeting Orlando, Florida. October 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. July 2017.
- Radiographic Alignment in the Asymptomatic Elderly: What is normal for age? Podium Presentation. Lumbar Spine Research Society 10th Annual Meeting. Chicago, IL. April 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. March 2017.
- 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 2014.
- 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. April 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. January 2013.
- 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. May 2012.

GRANTS / AWARDS:

- Senate Research Grant R-12-017, West Virginia University, Study of Bone Mineral Density in Resident Physicians, \$18,220. 2012-2013.
- 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. April 2013.
- Orthopaedic Resident Research Award. West Virginia University Department of Orthopaedics. June 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. May 2012.
- Biochemistry and Molecular Biology Physician/Scientist Award. University of Louisville School of Medicine. May 2010.
- 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. October 2006.



PROFESSIONAL ACTIVITIES

AO Spine North America	2016 to present
North American Spine Society (NASS)	2014 to present
American Academy of Orthopaedic Surgeons (AAOS)	2010 to present
West Virginia Orthopaedic Society, Resident Member	2010 to 2016
West Virginia Orthopaedic Society, Resident Liaison to the Board of Directors	2014 to 2016

