

# KORY J. JOHNSON, D.O., M.S.

## EMPLOYMENT

---

**Orthopaedic Associates of Michigan**, Grand Rapids, Michigan, August 2015-present

- Adult Joint Reconstruction, Orthopedic Trauma, Sports Medicine, & General Orthopedics



## POST GRADUATE TRAINING

---

Orthopedic Board Certification May 2017

University of Chicago, Illinois August 2014-July 2015

- Adult Reconstruction Fellowship (completed)

Metro Health Hospital, Wyoming, Michigan, July 2010-June 2014

- Orthopedic Surgery Residency (completed)

Metro Health Hospital, Wyoming, Michigan, July 2009-2010

- Orthopedic Surgery Surgical Internship (completed)

## EDUCATION

---

Michigan State University, East Lansing, Michigan, July 2005-May 2009

- Doctor of Osteopathic Medicine, D.O., Graduated with High Honors
- Study Abroad Michigan State University, Guatemala, Spring 2009

Western Michigan University, Kalamazoo, Michigan, August, 2003-June 2005

- Masters of Science in Biological Sciences, Summa Cum Laude GPA: 4.00  
*Emphasis in Neurophysiology*

Western Michigan University, Kalamazoo, Michigan, September, 1999-June 2003

- Biomedical Sciences, B.S., Lee Honors College, Summa Cum Laude GPA: 3.92  
*Minors: Chemistry and Psychology*

## PROFESSIONAL EXPERIENCE

---

7/2017-present DePuy Sythes Surgeon Consultant

7/2012-present Michigan State University, Clinical Faculty Appointment, East Lansing, MI

8/2014-7/2015 University of Chicago Medical Center, Clinical Appointment, Chicago, IL

7/2009-6/2014 Metro Health Hospital, Orthopedic Surgery Resident, Wyoming, MI

2003-present Licensed Builder, Contractor, Remolding & New Construction, MI

8/2001-12/2005 Human Physiology Instructor, Western Michigan University, Kalamazoo, MI

6/1999-1/2004 Menasha Corporation, Papermaker Production, Otsego, MI

## LEADERSHIP OPPORTUNITIES

---

- Vice Chair of Orthopedic Surgery at Metro Health Hospital University of Michigan
- Director of Total Joints at Metro Health Hospital University of Michigan (8/2017-present)
- Quality Improvement Committee Chairperson for MARCQI (1/2016-present)
- Metro Health Hospital University Residency Core Faculty (8/2015-present)
- Orthopedic Service Line Clinical Operations Committee Member (1/2016-present)
- Michigan Arthritis Foundation Physician Spokes Person (2016)
- Metro Health Hospital Site Director for the Michigan Arthroplasty Registry (8/2015-present)
- Metro Hospital Chief Resident (2013-2014) and Orthopedic Surgery Chief Residency (2013-2014)
- EPIC Chief Resident (2012-present) & Physician Internet Technology committee (2009-2014)
- Six Sigma Committee member for several initiatives at Metro Health Hospital (2011-2014)
- Osteoporosis Initiative lead inpatient physician at Metro Health Hospital (2010-2014)
- Diabetes Initiative committee member at Metro Health Hospital (2011-2014)
- Sigma Sigma Phi, member & volunteer coordinator (2006-2007)
- Wilderness Medicine Society, president at MSUCOM (2006-2007)
- Surgical Osteopathic Student Association, vice president at MSUCOM (2006-2007)
- Community Integrated Medical Student Association, Patch Coordinator at MSUCOM (2006-2007)
- Health Policy Interest Group, founding board member at MSUCOM (2005-2007)
- DO Day on the Hill, discussed health policy with the Michigan House Representatives (2005-2007)

## AFFILIATIONS

---

- American Academy of Hip & Knee Surgeons (Member since 2015)
- American Osteopathic Academy of Orthopedics (Member since 2009)
- American Academy of Orthopaedic Surgeons (Member since 2009)
- American Osteopathic Association (Member since 2009)
- Michigan Orthopaedic Society (Member since 2016)
- DO Care International (Member since 2009)
- Multiple Honors Societies & Medical Groups

## RESEARCH EXPERIENCE

---

- 2017-present Total hip arthroplasty cup position study, Orthopaedic Associates Michigan, Grand Rapids, MI
- DePuy Synthes sponsored research project
- 2015-2016 Total hip arthroplasty pain perception, Orthopaedic Associates Michigan, Grand Rapids, MI
- Phase IV clinical study evaluating post operative pain associated with total hip arthroplasty
- 2015-2016 Cup-cage Construct Reliability in Acetabular Reconstruction, University of Chicago, IL
- Accessing Survival & Complications with a Cup-Cage Construct
- 2015-2016 Novel OSS Knee Arthrodesis Technique for Limb Salvage, University of Chicago, IL
- Reporting a novel technique to manage massive knee bone loss with infections
- 2013-2014 Trans Lumbar Interbody Fusion using Robotic vs Free Hand Pedicle Screw Placement
- Evaluating effects on radiation exposure, blood loss, and operative time
- 2010-2014 Hyperglycemic Perioperative Control Initiative, Metro Health Hospital, Wyoming, MI
- Initiation & evaluation of periop infection reduction associated with improved glycemic control
- 2005-2007 Stress Fracture Reduction in Collegiate Athletes, Michigan State University, East Lansing, MI
- Preventative manual therapy associated stress fracture reduction with repetitive injuries
- 2001-2005 Neuroscience Laboratory Research, Western Michigan University, Kalamazoo, MI
- Animal work, Immunohistochemistry, ELISA, Western Blots, among others

## SCIENTIFIC PRESENTATIONS & PUBLICATIONS

---

### Journal Publications

Stephen O'Neil, Kristopher Danielson, Kory Johnson, Thomas Matelic. (2018) ON-Q infusion pump linked to increased hospital stay after total knee arthroplasty. *Journal of Orthopaedics*. 15(2), 660-670.

Myers, P., Laboe, P., Johnson, K. J., Fredericks, P. D., Crichlow, R. J., Maar, D. C., & Weber, T. G. (2018). Patient Mortality in Geriatric Distal Femur Fractures. *J Orthop Trauma*, 32(3), 111-115.

Kory Johnson (2016). Michigan Arthroplasty Registry: Providing enhanced quality of life for patients with joint pain. *Value Partnerships Annual Report*, R063958, 20

### Oral Presentations

Extensive experience in academic presentations & teaching lectures on a multitude of topics as well as community outreach talks on orthopedics, adult joint reconstruction and osteoarthritis

Kory Johnson, (August 2018): *Primary and Revision Total Knees Tips & Tricks*. State Wide Campus System: Troy, MI

Kory Johnson, (June 2018): *Building an Outpatient Total Joint Practice*. Michigan Orthopedic Society Meeting: Mackinac Island, MI

Kory Johnson, (May 2018): *The Complex Primary Hip*. Oral Presentation: AOA Annual Meeting: Rancho Palos Verdes, CA

Kory Johnson, (March 2018): *Management of Orthopedic Trauma Patients*, Oral Presentation: National Association of Orthopaedic Nurses: Grand Rapids, MI

Kory Johnson (February 2018): *THA Instability Symposium: Prevention & Evaluation*, Oral Presentation: City Wide Orthopedic Grand Rounds: Grand Rapids, MI

Kory Johnson, (April 2017): *Management of Intra-Operative MCL Injuries*, Oral Presentation & Discussion Panels: AOA Annual Meeting, Memphis, TN

Kory Johnson (February 2017): *Intra-Operative Complication Management of TKA*, Oral Presentation: City Wide Orthopedic Grand Rounds: Grand Rapids, MI

Kory Johnson, (April 2016): *The Difficult Primary Knee: Pearls and Pitfalls*, Oral Presentation & Discussion Panels: AOA Annual Meeting, Phoenix, AZ

Kory Johnson, Eric Varley, Jon Keller, Jon Winestone. (2014, October). *Robotically Assisted Transforaminal Lumbar Interbody Fusion*. Oral Presentation: AOA Annual Meeting, Colorado Springs, CO.

Kory Johnson & John Spitsbergen. (2003, March). *GDNF Localization in Rat Muscle Fiber Type*. Oral Presentation: National Conference for Undergraduate Research; Salt Lake City, UT.

Kory Johnson & John Spitsbergen. (2002, April). *GDNF is Localized to the Fast Twitch Muscle in Rat Gastrocnemius*. Oral Presentation: Kalamazoo Community Medical and Health Science Research Day; Kalamazoo, MI.

### Poster Presentations

P. Morton, K. Johnson, Y. Farid, & H. Finn. (1/2018). Five-Year Follow-Up of the Cup-Cage Construct for Severe Acetabular Deficiency: Radiographic Outcomes. Poster presented AAHS Meeting, Tx

S. O'Neil, K. Danielson, S. Brandenburg, W. Schwab, T. Metallic, & K. Johnson. (2017) A Retrospective Review of Immediate Postoperative Pain Control with Total Knee Arthroplasty. Poster presented: AOA Fall Meeting 2017

K. Danielson, S. O'Neil, S. Brandenburg, W. Schwab, T. Metallic, & K. Johnson. (2017) A Retrospective Review of Immediate Postoperative Pain Control with Total Knee Arthroplasty. Poster presented: Michigan Orthopedic Society 2017

Kory Johnson, Eric Varley, Jon Keller, Jon Winestone. (2014, March). *TLIF: Robot vs Free Hand Technique Does it Matter*. Poster presented: Metro Health Hospital, MI

Kory Johnson & John Spitsbergen. (2005, May). *Age Related Changes in Nerve Growth Factor Expression in Rat Vascular Tissue*. Poster presented: Michigan Society of Neuroscience, MI.

Kory Johnson & John Spitsbergen. (2003, March). *Differential Expression of GDNF in Adult Rat Muscle Fiber Type*. Poster presented: Arts and Sciences 2003 at Western Michigan University; Kalamazoo, MI.

Kory Johnson, Erica Wehrwein & John Spitsbergen. (2002, April). *The Localization of Glial-Derived Neurotrophic Factor in Skeletal Muscle of Rats*. Poster presented: Arts and Sciences 2002 at Western Michigan University; Kalamazoo, MI.

### **Community Presentations**

Metro Health Hospital (Every Quarter): Hip & Knee Total Joint Arthroplasty

Walk for a Cure (5/2016): Keynote Speaker

Arthritis Foundation (7/2015): Hip & Knee Osteoarthritis

### **OTHER ACTIVITIES**

---

- Medical team coverage for High School Football & Grand Rapids area races (2009-2014)
- Multiple educational conferences pertaining to Orthopedic Surgery (2009-present)
- DO Care International with time spent in Guatemala (2009)
- Special Olympics (2006-2007) & Cristo Medical Clinic volunteer for migrant workers (2005-2007)
- Michigan Blind Athletic Association (2000-2012)
- Critical skills in grant writing, scientific writing, & manuscript editing
- Extensive volunteer and community involvement

### **SPECIAL RECOGNITIONS**

---

- Metro Health Hospital University of Michigan "Physician Best at Metro Award" 2017-2018
- Achievement Award from American Osteopathic Academy of Orthopedic Surgeons (2015)
- Metro Health Hospital Chief Resident (2013-2014)
- Multiple letters received for outstanding patient care (2007-present)
- Multiple academic honors at MSUCOM and Sigma Sigma Phi Member (2005-2009)
- Peer Mentor Award at MSUCOM (2006)
- Volunteer of the Year, Michigan Blind Athletic Association (2006)
- Who's Who Among American Students in American Universities and Colleges (2002-2003)
- Distinguished Biomedical Science Student of the Year at Western Michigan University (2003)
- College of Arts and Sciences Undergraduate Research and Creative Activities Award (2001-2003)
- Monroe Brown Life Science Undergraduate Research Award (2002-2003)
- Recipient of several Western Michigan University Academic Scholarship (2000-2003)
- Dean's List all semesters at Western Michigan University (1999-2005)