



Department of Orthopaedic and Plastic Surgery

Annual Report

January 1, 2017-June 30, 2018

R. Michael Johnson, MD, MPH, FACS
Professor and Chair
Program Director, Plastic Surgery Residency Program

For the period including
January 1, 2017 — June 30, 2018

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Statement from the Chair/Associate Dean

The Department of Orthopaedic Surgery, Sports Medicine and Rehabilitation have undergone a significant amount of change in the past year. We are now the Department of Orthopaedic and Plastic Surgery. Dr. Anil Krishnamurthy was elevated to Vice Chair of the Department. He is responsible for strategic planning and the academic activity of the Orthopaedic Division. His leadership has been stellar throughout the transition. Dr. Michael Prayson continues to lead the Orthopaedic Trauma fellowship. Both the Orthopaedic Surgery program, as well as the Orthopaedic Trauma fellowship, has continued to recruit excellent candidates. The closure of Good Samaritan Hospital this year has led to an increase in volume at the main campus at Miami Valley Hospital, but the transition has been well planned. The quality of patient care has been maintained at a high level.

We are continuing to work with Premier Health Partners administration and basic scientists at Wright State main campus to maintain a high level of academic productivity. While significant challenges remain, support for research and scholarly activity is in place. Reestablishment of the biomechanics laboratory and tissue engineering laboratory is anticipated in the coming academic year. We are continuing to collaborate with other academic departments at Wright State such as Pharmacology, Dermatology and Biology.

Plastic Surgery has been a Division of this Department since approximately 2008. Plastic Surgery continues to have a high level of clinical teaching and involvement by not only full time faculty, but also the institutional and voluntary faculty. New services are being provided to patients in the Miami Valley region that were not previously available. In particular, Hand and Upper extremity replantation and reconstruction is now commonplace at Miami Valley Hospital. Dr. Sunishka Wimalawansa has begun to develop a targeted muscle reinnervation program to allow the use of advanced bioprosthetics for upper extremity amputees. In addition, brachial plexus reconstruction is now being performed at Miami Valley Hospital.

Dayton Children's Hospital has expanded to include a new patient care tower and a satellite center in Springboro. There are now two pediatric plastic surgeons performing major congenital craniofacial reconstructions in Dayton. Patients and their families had to previously travel to other cities to have this type of surgery.

Our faculty continues to reach beyond the Miami Valley to participate in the mission of global health. Dr. Steve Schmidt and the Legacy of Healing continue their annual mission work. They care for hundreds of plastic, hand and general surgery patients each year in underserved areas of Latin America. In addition, Dr. Chris Gordon and Dr. Salim Mancho perform cleft surgeries in Cuba and Ghana respectively.

To summarize, the last 18 months have presented many challenges and changes. The resiliency of the faculty and residents has been tremendous; their outstanding dedication to continuing improvement of patient care in the greater Miami Valley area is second to none. The future remains bright due to the dedication of the physicians and staff in the Department of Orthopaedic and Plastic Surgery.

2 Programs/Divisions

Name of Division or Program	Director	Dates
Sports Medicine Matthew W. Lawless, MD, L. Joseph Rubino, MD, Michael A. Herbenick, MD, Corey J. Ellis, MD	Matthew W. Lawless, MD	2006-Present
Orthopaedic Trauma Michael J. Prayson, MD, Indresh Venkatarayappa, MD, Jennifer L. Jerele, MD	Michael J. Prayson, MD	2004-Present
Shoulder & Elbow Surgery L. Joseph Rubino, MD, Michael A. Herbenick, MD, Anthony J. Checroun, MD, Michael J. Griesser, MD	Michael A. Herbenick, MD	2012-Present
Foot & Ankle Surgery Richard T. Laughlin, MD, Michael D. Barnett, Jr., MD, Paul G. Peters, MD	Richard T. Laughlin, MD	1994-2017
Foot & Ankle Surgery Paul G. Peters, MD, Michael D. Barnett, Jr., MD	Paul G. Peters, MD	2018-Present
Joint Reconstruction & Replacement Anil Krishnamurthy, MD, Matthew W. Lawless, MD, Indresh Venkatarayappa, MD; Dennis M. Brown, MD	Indresh Venkatarayappa, MD	2015-Present
Hand Surgery Peter S. Barre, MD, Beth Berrettoni, MD, Matthew Cavo, MD, Christopher Lyons, MD, Sunishka Wimalawansa, MD	Peter Barre, MD	2015-Present
Plastic Surgery R. Michael Johnson, MD, Sunishka Wimalawansa, MD	R. Michael Johnson, MD	2009-Present
Pediatrics Orthopaedics Michael Albert, MD, Craig Shank, MD, Jeffrey Mikutis, DO, Alvin Jones, MD,	Michael C. Albert, MD	2018-Present
Spine Surgery Mark Kayanja, MD, PhD, James Lehner, MD	Mark Kayanja, MD	2014-2018
C-STARS Program	Lt Col Brandon Horne, MD	2012-Present

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Fully Affiliated Faculty (may be the same as #2 above for some depts)

Name and Academic Position	Clinical Interests	Research Interests
Michael D. Barnett, Jr, MD Assistant Professor	Foot & Ankle	Clinical foot and ankle
Matthew Binkley, MD Assistant Professor	Sports Medicine	Sports, Shoulder/Elbow
James C. Binski, MD Professor Emeritus	Trauma, Joint Reconstruction, Limb Lengthening	Limb Deformity/Trauma
Matthew Cavo, MD Assistant Professor	Hand Surgery	Hand Surgery
Corey J. Ellis, MD Assistant Professor	Sports Medicine, Primary Care	Sports Medicine
Kate Excoffon, PhD Associate Professor/Joint Appointment	Cell Biology	Cell Biology
Andrew Froehle, PhD Assistant Professor/Joint Appointment	Motion Analysis, Musculoskeletal Research	Motion Analysis, Musculoskeletal Research
Christopher Gordon, MD Assistant Professor	Plastic Surgery and Reconstruction, Pediatric Craniofacial Surgery	Plastic Surgery and Reconstruction, Pediatric Craniofacial Surgery
Tarun Goswami, PhD Professor/Joint Appointment	Biomechanical Engineering	Biomechanical Engineering
Michael Herbenick, MD Associate Professor	Sports Medicine	Sports, Shoulder/Elbow
Lt Col Brandon Horne, MD Assistant Professor	Orthopaedic Trauma	Orthopaedic Trauma
Jennifer L. Jerele, MD Assistant Professor	Orthopaedic Trauma	Orthopaedic Trauma
R. Michael Johnson, MD Chair, Dept. of Orthopaedic and Plastic Surgery Professor	Plastic Surgery, Burn Treatment	Plastic Surgery, Wound Care, Tissue Engineering
Mark Kayanja, MD, PhD Chief, Division of Spine Surgery Associate Professor	Spine Surgery	Spine Surgery
Anil B. Krishnamurthy, MD Vice Chair, Dept. of Orthopaedic and Plastic Surgery Institutional Associate Professor	Adult Reconstruction	Adult Reconstruction

Name and Academic Position	Clinical Interests	Research Interests
Richard T. Laughlin, MD Chief, Foot & Ankle Surgery Chair and Professor	Foot & Ankle, Orthopaedic Trauma	Fracture/foot and ankle
Matthew W. Lawless, MD Chief, Division of Sports Medicine Associate Professor	Sports Medicine, Joint Reconstruction	Knee Rehab/Sports
Christopher Lyons, MD Assistant Professor	Hand Surgery	Hand Surgery
Salim Mancho, DO Assistant Professor	Plastic Surgery and Reconstruction, Pediatric Craniofacial Surgery	Plastic Surgery and Reconstruction, Pediatric Craniofacial Surgery
Michael J. Prayson, MD Chief, Orthopaedic Trauma Professor Trauma Fellowship Director	Orthopaedic Trauma	Trauma/Fracture Fixation
L. Joseph Rubino III, MD Assistant Professor	Sports Medicine	Sports, Shoulder/Elbow
Indresh Venkatarayappa, MD Assistant Professor	Orthopaedic Trauma, Joint Reconstruction	Orthopaedic Trauma, Joint Reconstruction
Sunishka Wimalawansa, MD Assistant Professor	Hand Surgery, Plastic Surgery	Hand Surgery

4 Teaching

Baccalaureate [any course for a bachelor's degree]

Laughlin RT.

- Preceptor for high school and college students interested in orthopaedics

Froehle AW.

- KNH 2530
- Undergraduate research supervision

Johnson RM.

- Preceptor for high school and college students interested in plastic surgery

Graduate students, including thesis supervision [master's, doctor's post-doctoral]

Froehle AW.

- KNH 7800
- Graduate research supervision

Johnson RM.

- Masters thesis committee

Undergraduate medical education [medical school]

Krishnamurthy AB.

- Medical Education Director
- Medical Student Advisor
- MS2, MS3, MS4 Clinical Rotations/Preceptor
- Medical Students Pursuing Orthopaedics/Advisor

Laughlin RT.

- MS2, MS3, MS4 Clinical Rotations/Preceptor
- Medical Students Pursuing Orthopaedics/Advisor
- Introduction to Clinical Medicine – Orthopaedics
- MS3 Clerkship - Subinternship – Orthopaedics

Prayson MJ.

- Trauma preceptor for Air Force Orthopaedic PAs
- Plastic Surgery Resident Rotation/Preceptor
- MS-IV Home/Visiting Student Clinical Rotations in Orthopaedic Trauma/Supervisor

Lawless MW.

- Medical student elective preceptors (Sports Medicine)
- Job shadow high school and college students
- Presentation to WSU MS III medical students
- Clinical instruction to WSU MS III and MS IV medical students throughout the year
- Annual Musculoskeletal Lecture (Family Medicine)
- MS2 Musculoskeletal Integument, Wright State University BSOM
- Clinical Instruction to athletic training students

Froehle AW.

- Graduate research supervision

Johnson RM.

- BII Elective PLS 825/PLS 850 (Year 3-4), Wright State University BSOM
- Medical students pursuing Plastic surgery advising
- University of Dayton Physician Assistant Program

Kayanja MM.

- MS4 Orthopaedic Mentor, Wright State University BSOM

Laughlin RT.

- MS2, MS3, MS4 Clinical Rotations/Preceptor
- Medical Students Pursuing Orthopaedics/Advisor
- Introduction to Clinical Medicine – Orthopaedics
- MS4 Subinternship – Orthopaedics

Lawless MW.

- Medical student elective preceptors (Sports Medicine)
- Job shadow high school and college students
- Presentation to WSU MS III medical students
- Clinical instruction to WSU MS III and MS IV medical students throughout the year
- Annual Musculoskeletal Lecture- (Family Medicine)
- MS IV Orthopaedic Mentor
- Medical Student Advisor
- MS2 Musculoskeletal Integument, Wright State University BSOM

Prayson MJ.

- MS-III Introduction to Clinical Medicine (Orthopaedic Section)/Faculty
- MS-IV Home/Visiting Student Clinical Rotations in Orthopaedic Trauma/Supervisor
- Orthopaedic Fellow and Resident Monthly Trauma Journal Club
- Internal Medicine Resident Rotation/Preceptor

Wimalawansa SM.

- BII Elective PLS 825/PLS 850 (Year 4), Wright State University BSOM

Graduate medical education [residents, fellows]**Johnson RM.**

- Program Director, Wright State University Plastic Surgery
- Chief, Section of Plastic and Reconstructive Surgery, Wright State University Department of Surgery
- Plastic Surgery Education Conference (Plastic Surgery Residency), Wright State University Boonshoft School of Medicine, Department of Orthopaedic Surgery, Division of Plastic Surgery
- Resident Supervisor (Plastic surgery) Orthopedic residents Wright State University Department of Orthopedics and Plastic Surgery
- Resident Supervisor (Burn Service) Grandview Hospital Residents Rotating at Miami Valley Hospital, Wright State University Department of Surgery School of Medicine
- Resident Supervisor (Plastic Surgery), General Surgery Residents, Wright State University Department of Surgery
- Resident Supervisor (Dermatology) Dermatology Residents Wright State University Department of Dermatology

Laughlin RT.

- Bi-monthly Foot & Ankle X-ray Review
- Monthly Journal Club
- Monthly Trauma X-ray Review
- Orthopaedic In-Training Exam Review/Foot & Ankle
- Resident Research Projects – Mentor: Michael Boin, Matt Dorweiler (2015-2016), Eric Kiskaddon, Brett Meeks (2016-2017)
- Weekly Grand Rounds Presentations
- Arthrex Foot & Ankle Training Lab, Columbus, OH
- Shadow: Adam Fessler, Surgical Tech Program/American National University

Prayson MJ.

- Trauma Fellowship Director: Jason Reid, MD (2015-2016), Amanda Wright, MD (2016-2017)
- Associate Residency Program Director
- Daily Orthopaedic Trauma Resident Conferences/Case Review (Trauma Curriculum)
- Orthopaedic Resident Faculty Mentor
- Orthopaedic Engineering/Faculty
- OTA Comprehensive Fracture Course for Residents (Faculty/Lab Director/Instructor)

Wimalawansa SM.

- Miami Valley Hospital: Emergency Trauma – Hands On Cadaver Lab
- Miami Valley Hospital Burn Unit: Caring for Post-Op Microsurgical Patients Course
- AxoGen Advanced Nerve Repair and Reconstruction Course
- APTIS Total Distal Radioulnar Joint (DRUJ) Prosthetic Arthroplasty Course

Froehle AW.

- Research advising and supervision

Continuing medical education [grand rounds, seminars]**Laughlin RT.**

- Orthopaedic Research and Innovation Symposium, Program Director, Wright State University, April 2015
- Boin M, Narayanan S, Duren D, Lee J, Dorweiler MA, Froehle A, Laughlin RT. Factors predicting discharge to extended care facility following distal femur fractures. Presented at the 8th Annual Medical Student Research Symposium, Wright State University Boonshoft School of Medicine, Dayton, OH, April 2016.
- Boin M, Trimba R, Cox J, Laughlin RT. Overview of achilles mechanical testing. Presented at the Orthopaedic Research and Innovation Symposium, Wright State University, Dayton, OH, April 2016.
- Gundapaneni D, Goswami T, Laughlin RT. Simulation of passive ankle joint kinematics. Presented at the Orthopaedic Research and Innovation Symposium, Wright State University, Dayton, OH, April 2016.
- Ina J, Boin M, Laughlin RT, Goswami T. Failure analysis of PHILOS plate used for pantalar arthrodesis. Presented at the Orthopaedic Research and Innovation Symposium, Wright State University, Dayton, OH, April 2016.
- Laughlin RT. Joint pain seminar. Presented at Miami Valley Hospital South, Dayton, OH, June 2016.
- Laughlin RT. Sports medicine foot and ankle. Presented at the Athletic Training Program, Department of Health, Physical Education, and Recreation, Wright State University College of Education and Human Services, Dayton, OH, October 2016.
- Lee J, Southam B, Dulaney-Cripe E, Markert R, Laughlin RT. Treatment of insertional and midsubstance achilles tendinopathy with platelet rich plasma injection: a prospective cohort study. Presented at the Virginia C. Wood Resident Research Forum, Dayton, OH, April 2016.

Prayson MJ.

- Bales A, Purcell KF, Ferraiola J, Markert RJ, Ekeh AP, Semon GR, Kimpel DM, Prayson MJ, McCarthy MC. Application of medical student research objectives in an international medical elective: voluntary medical male circumcision in Swaziland. Poster presented at the 7th Annual University of Dayton and Miami Valley Hospital Healthcare Symposium, Dayton, OH, April 2016.
- Purcell K, Bales AM, Ferraiola J, Prayson MJ, Kimpel DM, Markert RJ, Semon G, Ekeh AP, McCarthy MC. Should extraperitoneal bladder injuries be repaired at the time of pelvic examination? Presented at the 8th Annual Medical Student Research Symposium, Wright State University Boonshoft School of Medicine, Dayton, OH, April 2016.

Wimalawansa SM.

- Wimalawansa S – Apatis Distal Radioulnar Joint Arthroplasty Hands on fresh cadaver lab. Brethen Center for Surgical Advancement, Nov 2017.
- Wimalawansa S - Targeted Muscle Reinnervation Hands on fresh cadaver lab held in conjunction with Ian Valerio, Associate Professor of Plastic Surgery, The Ohio State University. Video development for publication. Brethen Center, May 2018.

Other

Laughlin RT.

- Geriatrics Fellowship Faculty

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Scholarly Activity

Funded grants [List PI(s), grant title, funding source, amount of award, and dates of award. Please list each grant only once. Identify student & resident authors, i.e., *=student author **=resident/fellow]

Froehle AW.

- PI: WSU BSOM Translational Research Development Grant, Y2
- Co-I: DAGMEC Resident Research and Fellow Research Support Grant

Publications

Papers in refereed journals

- **Boin MA, Dorweiler MA**, McMellen C, Gould G, **Laughlin RT**. Suture-Only Repair Versus Suture Anchor-Augmented Repair for Achilles Tendon Ruptures With a Short Distal Stump. *Orthopaedic Journal of Sports Medicine*. Orthop J Sports Med. 2017 Jan 4;5(1): 2325967116678722. doi: 10.1177/2325967116678722. eCollection 2017 Jan. PMID: 282035925
- **Meeks BD**, Meeks NM, **Froehle AW**, Wareing E, Bonner KF. Patient satisfaction following biceps tenotomy. *Orthopaedic Journal of Sports Medicine* (May 2017) PMID: 28596975
- **Lee JH, Williams CG**, Lowrey C, Gould G, Markert R, **Laughlin RT**. Flexor hallucis longus tendon transfer fixation: a biomechanical analysis of the effects of a terminal whipstitch and bone tunnel length. *Foot Ankle Spec*. 2017 Feb;10(1):31-36. doi: 10.1177/1938640016666917. [Epub 2016 Sept 20]. PMID: 27604514.
- Sprague S, Slobogean GP, Bogoch E, Petrisor B, Garibaldi A, O'Hara N, Bhandari M, **Prayson MJ**, FAITH Investigators. Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. *Lancet*. 2017 Apr 15;389(10078):1519-1527. doi: 10.1016/S0140-6736(17)30066-1. Epub 2017 Mar 3. PMID: 28262269
- **Van Dyke RO, Trimba R**, Gould G, Chaudary S, **Lee JH, Laughlin RT**. Biomechanical Head-to-Head Comparison of 2 Sutures and the Giftbox vs. Bunnell Techniques for Midsubstance Achilles Tendon Ruptures. *Orthopaedic Journal of Sports Medicine*, 2017 May 30 5(5), 2325967117707477. 5/17
- **Dorweiler MA, Van Dyke RO**, Siska RC, **Boin MA**, DiPaola MJ. (2017). A Comparative Biomechanical Analysis of 2 Double-Row, Distal Triceps Tendon Repairs. *Orthopaedic Journal of Sports Medicine*, 2017 May 30,5(5), 2325967117708308.
- Quercetti N 3rd, **Horne BR, DiPaolo Z, Prayson MJ**. Gun Barrel View of the Anterior Pelvic Ring for Percutaneous Anterior Column or Superior Pubic Ramus Screw Placement. *Eur J Orthop Surg Traumatol*. 2017 Jul;27(5):695-704. doi: 10.1007/s00590-016-1864-x. Epub 2016 Oct 7. PMID: 27718011.

- Deister J, Cothorn BG, **Williams CG, Froehle AW, Laughlin RT**. Factors Predicting Length of Hospital Stay and Extended Care Facility Admission Following Hindfoot Arthrodesis Procedures. *J Foot Ankle Surg*, 2017 Jul-Aug;56(4), 805-812. PMID: 28633782 (R)
- **Boin MA**, Narayanan S, Duren D, **Dorweiler MA, Lee JH, Froehle AW, Laughlin RT**. Factors Predicting Admission to Extended Care Facility After Distal Femoral Fracture. *Curr Orthop Pract*, 28(4), 388-392. 2017 Jul-Aug, 10. doi: 1097/BCO.0000000000000521 (R)
- Wimalawansa SM, Lopez RR, de Lucas FG, De Smet L, **Boin MA, Dorweiler MA**, Degreef I. Salvage of Failed Achilles Tendon Interposition Arthroplasty for DRUJ Instability After Ulnar Head Resection With Aptis Prosthesis. *Hand (NY)* 2017 Sep; 12(5): 476-483. PMID: 28832196
- Sprague S, Slobogean GP, Bogoch E, Petrisor B, Garibaldi A, O'Hara N, Bhandari M, **Prayson MJ**, FAITH Investigators. Vitamin D Use and Health Outcomes After Surgery for Hip Fracture. *Orthopedics*. 2017 Oct 1;40(5):e868-e875. doi: 10.3928/01477447-20170907-01.
- Mellema JJ, Mallee WH, Guitton TG, van Dijk CN, Ring D, Doornberg JN; **Prayson MJ**, Science of Variation Group & Traumaplatform Study Collaborative. Online Studies on Variation in Orthopedic Surgery: Computed Tomography in MPEG4 Versus DICOM Format. *J Digit Imaging*. 2017 Oct;30(5):547-554. doi: 10.1007/s10278-016-9939-0
- Sprague S, Petrisor B, Jeray K, McKay P, Heels-Ansdell D, Schemitsch E, Liew S, Guyatt G, Walter SD, Bhandari M; **Prayson MJ**, FLOW Investigators. Wound Irrigation Does Not Affect Health-related Quality of Life After Open Fractures: Results of a Randomized Controlled Trial. *Bone Joint J*. 2018 Jan; hind 100-B(1):88-94. doi: 10.1302/0301-620X.100B1.BJJ-2017-0955.R1.
- Sprague S, Bhandari M, Heetveld MJ, Liew S, Scott T, Bzovsky S, Heels-Ansdell D, Zhou Q, Swiontkowski M, Schemitsch EH; **Prayson MJ**, FAITH Investigators. Factors Associated with Health-related Quality of Life, Hip Function, and Health Utility after Operative Management of Femoral Neck Fractures. *Bone Joint J*. 2018 Mar 1;100-B(3):361-369. doi: 10.1302/0301-620X.100B3.BJJ-2017-0853.R1.
- **Battista CT, Dorweiler MA**, Fisher M., Morrey B, Noyes M. Ultrasonic Percutaneous Tenotomy of Common Extensor Tendons for Recalcitrant Lateral Epicondylitis. *Techniques in Hand and Upper Extremity Surgery* 2018 Mar 22(1). PMID 29189597.
- **Dorweiler MA, Boin MA, Froehle AW, Lawless M**, May J. Improved Early Postoperative Range of Motion in Total Knee Arthroplasty Using Tranexamic Acid: A Retrospective Analysis. *J Knee Surg*, 2018 Mar 13. doi: 10.1055/s-0038-1636914 (Epub ahead of print). PMID: 29534269 (R)
- Ina J, Vallentyne M, Hamandi F, Sugart K, **Boin MA, Laughlin RT**, Goswami T. Failure Analysis of PHILOS Plate Construct Used for Pantalar Arthrodesis Paper I - Analysis of the Plate. *Metals* 2018, 8, 180.
- **Kiskaddon EM, Meeks BD**, Roberts JG, **Laughlin RT**. Plantar Fascia Release Through a Single Lateral Incision in the Operative Management of a Cavovarus Foot: A Cadaver Model Analysis of the Operative Technique. *J Foot Ankle Surg*. 2018 Jul-Aug; 57(4) 681-6845. Epub 2018 Apr 4. PMID 29627135.
- Crijns TJ, Janssen SJ, Davis JT, Ring D, Sanchez HB, **Prayson MJ**; Science of Variation Group. Reliability of the classification of proximal femur fractures: Does clinical experience matter? *Injury*. 2018 Apr;49(4):819-823. doi: 10.1016/j.injury.2018.02.023. Epub 2018 Mar 15. PMID: 29549969
- Sprague S, Tornetta P 3rd, Slobogean GP, O'Hara NN, McKay P, Petrisor B, Jeray KJ, Schemitsch EH, Sanders D, Bhandari M; **Prayson MJ**, FLOW Investigators. Are Large Clinical Trials in Orthopaedic Trauma Justified? *BMC Musculoskelet Disord*. 2018 Apr 20;19(1): 124 doi: 10.1186/s12891-018-2029-3. PMID: 2968204.
- **Kiskaddon EM, Lee JH, Meeks BD**, Barnhill S, **Froehle AW, Krishnamurthy A**. Hospital Discharge Within 1 Day Following Total Joint Arthroplasty From a Veterans Affairs Hospital Does Not Increase Complication and Readmission Rates. *J Arthroplasty*. 2018 May;33(5):1337-1342. doi: 10.1016/j.arth.2017.11.059. Epub 2017 Dec 7. PMID: 29275116 (R)
- Sprague S, Schemitsch EH, Swiontkowski M, Della Rocca GJ, Jeray KJ, Liew S, Slobogean GP, Bzovsky S, Heels-Ansdell D, Zhou Q, Bhandari M; **Prayson MJ**, FAITH Investigators. Factors Associated With Revision Surgery After Internal Fixation of Hip Fractures. *J Orthop Trauma*. 2018 May;32(5):223-230. doi: 10.1097/BOT.0000000000001162.

- Somerville A, **Froehle AW**, Schoeninger MJ. Environmental Influences on Rabbit and Hare Bone Isotope Abundance: Implications for Paleoenvironmental Research. *Palaeogeogr, Palaeoclimatol, Palaeoecol*, 497:91-104. 2018. (R)
- **Kiskaddon EM, Lee JH, Meeks BD, Froehle AW, Krishnamurthy A**. Response to “Letter to the Editor on “Hospital discharge within 1 day following total joint arthroplasty from a Veterans Affairs hospital does not increase complication and readmission rates””. *J Arthroplasty*. 2018 Sep;33(9):3059. doi: 10.1016/j.arth.2018.05.025. Epub 2018 May 23. PMID: 29895479
- **Sieffert MR, Johnson RM, Fox JP**. Response to “Comments on ‘Added Healthcare Charges Conferred by Smoking in Outpatient Plastic Surgery’”. *Aesthetic Surgery Journal*. 2018 Jun 13;38(7). doi: 10.1093/asj/sjy090. PMID: 29800088
- **Sieffert MR, Johnson RM, Fox JP**. Added Healthcare Charges Conferred by Smoking in Outpatient Plastic Surgery. *Aesthetic Surgery Journal*. 2018 Jul 13;38(8):892-899. doi: 10.1093/asj/sjx231. PMID: 29394312

Books, chapters, reviews

Published abstracts

- **Froehle AW**, Meyerson B, Peterson MJ (2018). Pubertal growth is related to knee biomechanical profiles during walking in adolescents. *Gait and Clinical Movement Analysis Society*, May 22-25, 2018. Indianapolis, IN.
- Cole M, McCollister M, Greier N, Fagan S, **Froehle AW**, Curry N, Bradford J, Muse B, Bruce SL (2017). Assessment of Functional Movement Screening™ by assessors of three different skill levels. *J Sports Med Allied Health Sci*, 3 (OATAS), 18.
- Dogra S, **Froehle AW**, Peterson MJ. (2017). Novel predictors of age-related changes in lung function: an analysis of the Fels Longitudinal Study. *Medicine and Science in Sports and Exercise*, 49 (5S), S788.
- Field SE, Pringle D, **Froehle AW**. (2017). The influence of hamstrings fatigue on knee biomechanics during a drop vertical jump. *Medicine and Science in Sports and Exercise*, 49 (5S), S515-516.
- **Froehle AW**, Schoeninger MJ, Hopkins SR. (2017). Fat oxidation and aerobic fitness in postmenopausal women: comparing an exercise intervention to long-term exercise. *Medicine and Science in Sports and Exercise*, 49 (5S), S435.
- Northern N, Excoffon K, **Johnson RM**, Sharma P, Niyogi U, Gould G, Northern I, **Wimalawansa SM**. Creation of a Novel Human Wound Model to Test Novel Wound Healing Approaches. *Wright State 2017: Celebration of Research, Scholarship & Creative Activities*; Dayton, OH, 2017.

Significant presentations [e.g., to academic societies, medical schools and national professional societies.]

- Ina J, **Boin MA, Laughlin RT**, Goswami T. Failure Analysis of PHILOS Plate used for Pantalar Arthrodesis. Podium presentation at the Ohio Orthopaedic Research and Innovation Symposium. April 2017. Dayton, OH.
- **Dorweiler MA, Boin MA, Lawless M**, May J. The Effect of Tranexamic Acid on Early Postoperative Range of Motion Following Total Knee Arthroplasty. Podium Presentation at the Mid-America Orthopaedic Association Annual Meeting. April 2017. Amelia Island, FL.
- **Boin MA, Dorweiler MA**, McMellen C, Gould G, **Laughlin RT**. Suture-Only Repair Versus Suture Anchor–Augmented Repair for Achilles Tendon Ruptures With a Short Distal Stump. Poster Presentation at the Mid-America Orthopaedic Association Annual Meeting. April 2017. Amelia Island, FL.
- **Boin MA**, Narayanan S, Duren D, **Dorweiler MA, Lee JH, Froehle AW, Laughlin RT**. Factors Predicting Admission to Extended Care Facility following Distal Femur Fractures. Poster Presentation at the Mid-America Orthopaedic Association Annual Meeting. April 2017. Amelia Island, FL.
- **Boin MA**, Narayanan S, Duren D, **Dorweiler MA, Lee JH, Froehle AW, Laughlin RT**. Factors Predicting Admission to Extended Care Facility following Distal Femur Fractures. Poster Presentation at the Virginia C. Wood Research Forum. April 2017. Dayton, OH.
- **Boin MA, Dorweiler MA**, McMellen C, Gould G, **Laughlin RT**. Suture-Only Repair Versus Suture-Anchor Augmented Repair for Achilles Tendon Ruptures with a Short Distal Stump: A Biomechanical Comparison. Mid-America Orthopaedic Association Annual Meeting. April 2017
- **Ingersol C, Froimison, J Johnson RM** Economic Impact of Hyperbaric Oxygen for Full Thickness Skin Graft of the Scalp Eastern Great Lakes Burn Conference Rochester New York Sept 2017
- **Kreul S, Kayanja MM**. Symptomatic Adolescent Vertebral Hemangiomas and the Need for a Treatment Algorithm: A Case Report. 2017 DAGMEC Virginia C. Wood Resident Research Forum. Poster presentation. April 27, 2017.

- **Kiskaddon EM, Lee JH, Meeks BD, Barnhill S, Krishnamurthy A.** Hospital Discharge Within 1 Day Following Total Joint Arthroplasty in a Veterans Affairs Hospital Does Not Increase Complication and Readmission Rates. 2017 DAGMEC Virginia C. Wood Resident Research Forum. Poster presentation. April 27, 2017.
- **Luckenbill DB, Lee JH, Van Dyke RO, Krishnamurthy A.** Guided vs. Free Hand Patella Resurfacing: The Effect on Patellar Tracking. Mid-America Orthopaedic Association Annual Meeting. April 2017.
- **Meeks BD, Kiskaddon EM, Boin MA, Willen B, Patel T, Prayson MJ.** The Role of Far Cortical Endosteal Fixation for the Treatment of Medial Malleolus Fractures: A Biomechanical Study. Poster Presentation at the Ohio Orthopaedic Society Annual Meeting. Award finalist. May 2017. Columbus, OH.
- **Boin MA, Dorweiler MA, McMellen C, Gould G, Laughlin RT.** Suture-Only Repair Versus Suture Anchor-Augmented Repair for Achilles Tendon Ruptures With a Short Distal Stump. Poster Presentation at the Ohio Orthopaedic Society Annual Meeting. Award Finalist. May 2017. Columbus, OH.
- **Meeks BD, Kiskaddon EM, Boin MA, Patel T, Laughlin RT, Prayson MJ.** Novel Technique for Fixation of Medial Malleolus Fractures: A Biomechanical Study. Ohio Orthopaedic Society Annual Meeting. May 2017. Dublin, OH.
- Venezia M, **Battista CT, Steffensmeier A, Albert MC.** The Use of Sublaminar Bands on the Treatment of Spinal Deformity: A Systematic Review of the Literature. British Scoliosis Research Foundation. June 6, 2017
- **Battista CT, Venezia M, Tarr R, Froehle AW, Albert MC.** Comparative Analysis of Adolescent Idiopathic Scoliosis (AIS) Treated Surgically with High Implant Density Pedicle Screws (HIDPS) versus Hybrid Sublaminar Band (HSB) Technique British Scoliosis Research Foundation. June 6, 2017
- Wild C, **Battista CT, Sullenbarger J, Albert MC.** Prevention of Proximal Junctional Kyphosis/Failure Using Sublaminar Bands in a Hybrid Construct in Pediatric Kyphosis Deformity. British Scoliosis Research Foundation. June 6, 2017
- **Meeks BD, Kiskaddon EM, Boin MA, Willen B, Patel T, Prayson MJ.** The Role of Far Cortical Endosteal Fixation for the Treatment of Medial Malleolus Fractures: A Biomechanical Study. Poster Presentation at the American Orthopaedic Foot and Ankle Society Annual Meeting. July 2017. Seattle, WA.
- **Battista CT, Venezia M, Tarr R, Froehle AW, Albert MC.** Comparative Analysis of Adolescent Idiopathic Scoliosis (AIS) Treated Surgically with High Implant Density Pedicle Screws (HIDPS) versus Hybrid Sublaminar Band (HSB) Technique. Allegheny Health Neuroscience Institute - Pittsburgh Spine Summit. Pittsburgh, PA. August 2017.
- **Battista CT, Venezia M, Tarr R, Froehle AW, Albert MC.** Comparative Analysis of Adolescent Idiopathic Scoliosis (AIS) Treated Surgically with High Implant Density Pedicle Screws (HIDPS) versus Hybrid Sublaminar Band (HSB) Technique. American Academy of Orthopaedic Surgery Annual Meeting, New Orleans, LA. March 2018.
- **Kiskaddon EM, Lee JH, Meeks BD, Barnhill S, Froehle AW, Krishnamurthy A.** Hospital Discharge Within 1 Day Following Total Joint Arthroplasty in a Veterans Affairs Hospital Does Not Increase Complication and Readmission Rates. American Association of Orthopaedic Surgeons, March 6-10, 2018. New Orleans, LA.
- Spisak K, **Albert MC, Jones AC, Froehle AW, Brown L, Sirois ZJ, Thomas MD, Clark JA.** Novel ERAS Pathway Significantly Reduces LOS in Adolescent Idiopathic Scoliosis Patients Undergoing Posterior Spinal Fusion. Society for Pediatric Anesthesiology/American Academy of Pediatrics/Society for Pediatric Pain Medicine, March 22-23, 2018. Phoenix, AZ.
- **Kiskaddon EM, Lee JH, Meeks BD, Barnhill S, Froehle AW, Krishnamurthy A.** Hospital Discharge From a Veterans Affairs Hospital Within 1 Day of Total Joint Arthroplasty Does Not Increase Complication and Readmission Rates. Mid-America Orthopaedic Association 2018 Annual Meeting. San Antonio, TX. April 2018.
- **Meeks BD, Kiskaddon EM, Erb E, Gould R, Froehle AW, Laughlin RT.** Biomechanical Comparison of FiberTape vs. FiberWire Suture in Simulated Achilles Tendon Midsubstance Rupture. Mid-America Orthopaedic Association, April 18-22, 2018. San Antonio, TX.
- **Meeks BD, Kiskaddon EM, Burton M, Froehle AW, Laughlin RT.** Misrepresentation of Research Publications Among Orthopaedic Surgery Residency Applications: Where Are We Now? Mid-America Orthopaedic Association, April 18-22, 2018. San Antonio, TX.
- Aflatooni J, **Meeks BD, Froehle AW, Bonner, KF.** Biceps Ttenotomy versus Tenodesis: A Study on Patient Reported Outcomes and Satisfaction. Arthroscopy Association of North America, April 26-28, 2018. Chicago, IL.
- **Meeks BD, Kiskaddon EM, Sirois Z, Froehle AW, Shroyer J, Laughlin RT.** Improvement and Retention of Arthroscopic Skills in Novice Subjects Using Fundamentals of Arthroscopic Surgery Training (FAST) Module. American Orthopaedic Association, June 27-30, 2018. Boston, MA.
- **Meeks BD, Kiskaddon EM, Burton M, Froehle AW, Laughlin RT.** Misrepresentation of Research Publications Among Orthopaedic Surgery Residency Applicants: Where Are We Now? American Orthopaedic Association, June 27-30, 2018. Boston, MA.

- **Wimalawansa, SM.** Plastic surgery, limb salvage, and cosmetic surgery. *American Academy of Professional Coders, Dayton, OH chapter meeting*; July 10, 2018, Dayton, OH.
- **Wimalawansa, SM, Rymer MC.** Mangled Upper Extremity and Replantation. *Trauma and Critical Care Update 2018*; May 17, 2018, Dayton, OH.
- **Johnson, RM.** Microsurgery – Head to Toe. Ohio Valley Society of Plastic Surgeons Annual Meeting. Cleveland, OH June 2018

Posters:

- Fielding S **Jerkins D Johnson RM** Commercial insurance coverage decline associated with the Affordable Care Act Ohio Valley Society of Plastic Surgeons Pittsburgh Pennsylvania June 2017
- **Johnson RM, Agbim UN Johnson J.** The Diversity Advantage of a Community Based Plastic Surgery Residency Program. Ohio Valley Society of Plastic Surgeons Annual Meeting, Pittsburgh, PA. June 2017
- **Meeks BD, Kiskaddon EM, Boin MA, Patel T, Laughlin RT, Prayson MJ.** Novel Technique for Fixation of Medial Malleolus Fractures: A Biomechanical Study. AOFAS Annual Meeting 2017. Seattle, WA, July 2017.
- **Kiskaddon EM, Meeks BD, Roberts JG, Laughlin RT.** Plantar Fascia Release Through a Single Lateral Incision: A Cadaveric Analysis of a Novel Surgical Technique. AOFAS Annual Meeting 2017. Seattle, WA, July 2017.
- **Meeks BD, Kiskaddon EM, Boin MA, Patel T, Laughlin RT, Prayson MJ.** Novel Technique for Fixation of Medial Malleolus Fractures: A Biomechanical Study. AOFAS Annual Meeting 2017. Seattle, WA, July 2017.
- **Kiskaddon EM, Meeks BD, Roberts JG, Laughlin RT.** Plantar Fascia Release Through a Single Lateral Incision: A Cadaveric Analysis of a Novel Surgical Technique. AOFAS Annual Meeting 2017. Seattle, WA, July 2017.
- **Meeks BD, Kiskaddon EM, Boin MA, Willen B, Patel T, Prayson MJ.** Medial Malleolus Fractures: The Role of Far Cortical Endosteal Fixation. American Orthopaedic Foot and Ankle Society Annual Meeting. July 12-15, 2017.
- **Rogozinski J, Schach, B, Johnson, RM.** Vascularized Tendon Graft to the Central Slip Using a Finger Filet Flap. Poster Presentation, East Great Lakes Burn Conference. October 17, 2017.
- **Kiskaddon EM, Lee JH, Meeks BD, Barnhill S, Froehle AW, Krishnamurthy A.** Hospital Discharge From a Veterans Affairs Hospital Within 1 Day of Total Joint Arthroplasty Does Not Increase Complication and Readmission Rates. American Academy of Orthopaedic Surgeons Annual Meeting. New Orleans, LA. March 2018.
- Erb ED, **Soehrlen N, Green U, Kiskaddon EM, Froehle AW, Krishnamurthy A.** Multimodal Pain Regimen Including Adductor Canal Block for Postoperative Analgesia After Total Knee Arthroplasty. Boonshoft SOM Medical Student Research Symposium, 2018 April, Dayton, OH.
- **Soehrlen N, Kiskaddon EM, Green U, Erb, E, Krishnamurthy A.** Multimodal Pain Regimen Including Adductor Canal Block for Postoperative Analgesia After Total Knee Arthroplasty. Poster presented at: Dayton Area Graduate Medical Education Community Resident Research Forum; 2018 Apr 26; Dayton, OH.
- Aflatooni J, **Meeks BD, Froehle AW, Bonner KF.** Biceps Tenotomy Versus Tenodesis: Patient Reported Outcomes and Satisfaction. Virginia Orthopaedic Society 71st Annual Meeting. April 20-22, 2018.
- **Meeks BD, Kiskaddon EM, Boin MA, Willen B, Patel T, Prayson MJ.** Medial Malleolus Fractures: The Role of Far Cortical Endosteal Fixation. DAGMEC 19th Annual Virginia C. Wood Resident Research Forum. April 26, 2018.
- **Kiskaddon EM, Lee JH, Meeks BD, Barnhill S, Froehle AW, Krishnamurthy A.** Hospital Discharge From a Veterans Affairs Hospital Within 1 Day of Total Joint Arthroplasty Does Not Increase Complication and Readmission Rates. Mid-America Orthopaedic Association 2018 Annual Meeting. San Antonio, TX. April 2018.
- **Meeks BD, Kiskaddon EM, Burton M, Froehle AW, Laughlin RT.** Misrepresentation of Research Publications Among Orthopaedic Surgery Residency Applicants: Where are We Now? Mid-America Orthopaedic Association Annual Meeting. San Antonio, TX. April 2018.
- Erb ED, **Meeks BD, Kiskaddon EM, Gould G, Froehle AW, Laughlin RT.** Achilles Midsubstance Tear: Fibertape versus Fiberwire. American College of Surgeons Clinical Congress 2017 Medical Student Program, San Diego, CA 2017.
- **Kiskaddon EM, Wright A, Meeks BD, Froehle AW, Gould G, Lubitz M, Prayson MJ, Horne BR.** A Biomechanical Cadaver Comparison of Suture Button Fixation to Plate Fixation for Pubic Symphysis Diastasis. DAGMEC Resident Research Day, April 2018, Dayton, OH.
- **Meeks BD, Kiskaddon EM, Boin MA, Patel T, Laughlin RT, Prayson MJ.** Novel Technique for Fixation of Medial Malleolus Fractures: A Biomechanical Study. DAGMEC Resident Research Day, April 2018, Dayton, OH.

- **Meeks BD, Kiskaddon EM**, Erb E, Gould G, **Froehle AW, Laughlin RT**. Biomechanical Comparison of FiberTape Versus FiberWire Suture in Simulated Achilles Tendon Midsubstance Ruptures. Mid-America Orthopaedic Association Annual Meeting. San Antonio, TX. April 2018.
- **Kiskaddon EM, Wright A, Meeks BD, Froehle AW**, Gould G, Lubitz M, **Prayson MJ, Horne BR**. A Biomechanical Cadaver Comparison of Suture Button Fixation to Plate Fixation for Pubic Symphysis Diastasis. Ohio Ortho Society Meeting, May 2018, Dublin, OH.
- **Meeks BD, Kiskaddon EM**, Burton M, **Froehle AW, Laughlin RT**. Misrepresentation of Research Publications Among Orthopaedic Surgery Residency Applicants: Where Are We Now? American Orthopaedic Association Annual Meeting. June 2018.
- **Meeks BD, Kiskaddon EM**, Sirois Z, **Froehle AW**, Shroyer J, **Laughlin RT**. Improvement and Retention of Arthroscopic Skills in Novice Subjects Using Fundamental of Arthroscopic Surgery Training (FAST) Module. American Orthopaedic Association Annual Meeting. June 2018
- **Johnson RM, Anderson SR**. The Extended Soleus Muscle Flap for Selected Distal Third Lower Extremity Soft Tissue Defects. Ohio Valley Society of Plastic Surgeons Annual Meeting Cleveland, OH. June 2018

International Poster:

- **Battista CT**, Venezia M, Tarr R, **Froehle AW, Albert MC**. Comparative Analysis of Adolescent Idiopathic Scoliosis (AIS) Treated Surgically with High Implant Density Pedicle Screws (HIDPS) versus Hybrid Sublaminar Band (HSB) Technique. 15th International Phillip Zorab Symposium, London, England, June 2017.

Consultantships [sponsor activity]

Ellis CJ.

- Sports medicine physician for Beaver Creek High School, Beaver Creek, OH
- Sports medicine physician for Wright State University, Dayton, OH

Lawless MW.

- Fairborn High School, Team Physician, All Sports
- WSU Student Health Center, Consultant
- Dayton VA Medical Center Consultant, Orthopaedic Surgery
- Bioventus Global, Biologics & Spine Division, Consultant

Other recognition [e.g. editorships, reviewer awards]

Ellis CJ.

- Review Sports Articles for www.beginnertriathlete.com
- AMSSM Physician writer for questions at www.beginnertriathlete.com

Johnson RM.

- Reviewer Aesthetic Surgery Journal
- Reviewer Plastic Surgery Modern Techniques

Kayanja MM.

- Reviewer for the Annuals of Biomechanics Journal

Laughlin RT.

- American Journal of Sports Medicine Reviewer
- Journal of Trauma Reviewer

Prayson MJ.

- The Journal of Trauma Injury, Infection and Critical Care: Manuscript Reviewer
- Journal of Orthopaedic Trauma Manuscript Reviewer

Froehle AW.

- Ad Hoc Manuscript Reviewer for:
 - American Journal of Human Biology
 - American Journal of Physical Anthropology
 - International Journal of Kinesiology in Higher Education
 - Journal of Plastic Surgery and Hand Surgery
 - Surgery for Obesity and Related Diseases

6

Summary of Service Activities

Student advising

Froehle AW.

- Advised undergraduate and graduate student in Kinesiology and Health

Committee membership/officer [indicate if committee chair]

Ellis CJ.

- WSU Faculty Senate
- WSU Athletic Council
- WSU Athletic Council; Wellness Committee

Froehle AW.

- BSOM Representative to the Graduate Council
- BSOM Research Committee

Johnson RM.

- Wright State University Orthopaedic Department Finance Committee
- Dayton Area Graduate Medical Education Consortium
- Fidelity Health Care Board Member
- Wright State University Boonshoft SOM Executive Committee

Krishnamurthy AB.

- BSOM Admissions Committee
- Graduate Medical Education Committee

Laughlin RT.

- Dayton Area Graduate Medical Education Consortium (DAGMEC)
- Clinical Chairs
- Executive Committee
- Strategic Planning Committee

Lawless MW.

- WSU BSOM, Dept. of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Sports Subcommittee, Chair
- WSU BSOM, Dept. of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Marketing/Website Subcommittee
- VA Medical Center Subcommittee, Chair

Prayson MJ.

- Research Committee
- Clinical Competency Committee, Chair

Wright State University**Froehle AW.**

- Graduate Council Student Affairs Committee
- Fels Longitudinal Study Biological Samples Data Sharing Review Committee
- CEHS Undergraduate Student Affairs Committee (Chair, 2017/2018)
- Department of Kinesiology and Health Curriculum Committee

Wright State Physicians**Johnson RM.**

- Wright State Physicians Board of Executives

Hospital or affiliated institution [Miami Valley Hospital]**Johnson RM.**

- Miami Valley Hospital, Regional Adult Burn Center
- Miami Valley Hospital Wound Care Committee
- Miami Valley Hospital Wellness Committee
- Miami Valley Hospital Department of Surgery – Vice Chair
- Miami Valley Hospital Department of Surgical Services Chair
- Miami Valley Hospital CVQA committee

Kayanja MM.

- Credentialing Committee, Miami Valley Hospital
- Trauma Committee, Miami Valley Hospital

Krishnamurthy AB.

- Clinical Informatics Committee, Dayton VAMC
- Peer Review Committee, Dayton VAMC
- Chief of Orthopaedics, Dayton VAMC

Laughlin RT.

- MVH Department of Orthopaedics
- MVH Section of Orthopaedic Trauma
- MVH Trauma Committee
- MVH Orthopaedic Trauma Subcommittee
- MVH Comprehensive Wound Care
- MVH Anesthesia – Surgeons Task Force

- Premier Orthopaedic/Sports Medicine Institute, Chair 2012-2016, Vice Chair 2016-Present
- Premier Health Foot & Ankle Sub-committee, Chair
- Premier Health Specialist Council
- Miami Valley Hospital South Surgery Management Operations Committee

Lawless MW.

- Trauma Committee, Miami Valley Hospital, Dayton, OH
- Joint Arthroplasty Committee, Miami Valley Hospital, Dayton, OH
- Sedation Committee, Miami Valley Hospital, Dayton, OH

Prayson MJ.

- MVH Director of Orthopaedic Trauma
- MVH Trauma Committee
- MVH Hip Fracture Advisory Board
- MVH Hip Fracture Improvement Group, Physician Leader
- MVH Department of Surgical Services Committee (DOSS)
- MVH DOSS Performance Improvement Project
- MVH Medical Directors Forum
- MVH Orthopaedic Trauma Committee Organizer & Chair
- MVH Surgery Scheduling Team
- MVH Clinical Quality Value Analysis (CQVA) Team for Orthopaedics and Spine Services
- MVH Orthopaedic Trauma Fracture Review & Quality Improvement Committee, Chair
- MVH Directors of Education Committee
- MVH General Surgery Trauma Collaborative Conference
- Premier Health Trauma Ortho Committee/Service Line
- Resident Selection Committee

Froehle AW.

- DAGMEC Group for Resident and Fellow Research Grants

State

Prayson MJ.

- Ohio Orthopaedic Society

Johnson RM.

- Immediate past president Ohio Valley Society of Plastic Surgeons (OVSPS)
- Ohio State Medical Association- delegate from OVSPS

National

Johnson RM.

- ASPS Curriculum Development Committee
- ASPS Plastic Surgery Education Network
- ASPS Legislative Advocacy Committee
- ASPS Healthcare Delivery Subcommittee

Krishnamurthy AB.

- Orthopaedic Surgery Surgical Advisory Board, VA Central Office
- EHR Council, VA Central Office
- AOA and CORD

Lawless MW.

- Ohio State Medical Association

Prayson MJ.

- Alpha Omega Alpha Honor Medical Society - Zeta Chapter of Northeastern Ohio Universities College of Medicine
- American Academy of Orthopaedic Surgeons (AAOS)
- American Orthopaedic Association
- AO/ASIF - Faculty
- Mid-America Orthopaedic Association
- Orthopaedic Trauma Association (OTA)

Froehle AW.

- Human Biology Association, Secretary

Other**Horne B.**

- American Academy of Orthopaedic Surgeons – Fellow
- Orthopaedic Trauma Association – Member
- AO Trauma - Member
- Society of Military Orthopaedic Surgeons – Member
- Alamo Orthopaedic Society – Member

Johnson RM.

- American Society of Plastic & Reconstructive Surgeons
- American Society of Aesthetic Plastic Surgeons
- Association Council of Academic Plastic Surgeons
- American College of Surgeons
- Ohio Chapter of American College of Surgeons
- American Burn Association
- American Medical Association
- Ohio Valley Society of Plastic Surgeons
- Ohio State Medical Association
- Dayton Plastic Surgery Society, Founding Member
- Montgomery County Medical Society
- International Federation for Adipose Therapeutics and Science
- Fidelity Health Care Board Quality Committee
- Interdisciplinary Wound Management Team

Kayanja MM.

- AO Spine - International
- American Medical Association
- North American Spine Society

Lawless MW.

- Wright State University, Athletic Training Medical Director, College of Education & Human Services
- American Academy of Orthopaedic Surgeons
- Orthopaedic Trauma Association
- American Orthopaedic Society for Sports Medicine
- Ohio State Medical Association

Prayson MJ.

- Alpha Omega Alpha Honor Medical Society - Zeta Chapter of Northeastern Ohio Universities College of Medicine
- American Academy of Orthopaedic Surgeons (AAOS)
- American Orthopaedic Association
- AO/ASIF - Faculty
- Mid-America Orthopaedic Association
- Ohio Orthopaedic Society
- Orthopaedic Trauma Association (OTA)

Wimalawansa SM.

- American Society of Plastic Surgeons
- American Association for Hand Surgery
- Ohio State Medical Association

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Patient Care Summary

Johnson RM.

- Attending, Wright State Physicians, Miami Valley Hospital, Dayton, Ohio
- Staff Attending, Miami Valley Hospital, Dayton, Ohio
- Staff Attending, Good Samaritan Hospital, Dayton, Ohio
- Staff Attending, Samaritan North Medical Center, Dayton, Ohio

Laughlin RT.

- Wright State Orthopaedics Patient Office – Apple Street (1 day/week)
- Wright State Orthopaedics Patient Office – Health Center (1 day/week)
- Miami Valley Hospital Surgeries (2.5 days/week)
- Miami Valley Hospital Trauma & General Call (3 days/month)
- Five Rivers Medical Surgical Clinic (1/2 day every month)

- South Surgery Center, LLC (2 half days/month)

8 Honors and awards [Faculty or staff]

Wimalawansa SW - 2018 WSU Plastic Surgery Teaching Award

Johnson RM 2017 - WSU Plastic Surgery Teaching Award

Johnson RM - Outstanding Student Management Concentration WSU MPH Program

9 Hosted events [CME, etc.]

April 2017 Visiting Professor: Bruce A. Levy, MD, Professor, Department of Orthopaedic Surgery, Mayo Clinic, Rochester, MN

April 2017 Visiting Professor: Maurice Nahabedian, MD, FACS, Professor of Plastic Surgery, Georgetown University; Associate Professor of Plastic Surgery, Johns Hopkins University

January 2017 Visiting Professor: David Matthews, MD, Professor of Plastic Surgery, University of North Carolina

April 2017 Visiting Professor: Jorge Orbay, MD, Professor of Orthopaedic Surgery, Herbert Wertheim College of Medicine, Florida International University. (Cadaver Lab)

November 2017 Visiting Professor: Luis Scheker, MD. Private Practice in Louisville, KY. (Cadaver Lab)

December 2017 Visiting Professor: Ian Valerio, MD, Professor of Plastic Surgery, The Ohio State University. (Cadaver Lab)

10 Other information

[Other information that represents your department's contribution to the academic mission of the Boonshoft School of Medicine.]

The faculty in our department are dedicated to teaching the undergraduate medical students and training the residents in Orthopaedic and Plastic Surgery. In addition, we are fully committed to advising the student appropriately to increase their chances of matching in their chosen specialty. Wright State medical students have been very successful in the match in competitive specialties.