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
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.
<table>
<thead>
<tr>
<th>Name of Division or Program</th>
<th>Director</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>Sports Medicine</td>
<td>Matthew W. Lawless, MD</td>
<td>2006-Present</td>
</tr>
<tr>
<td></td>
<td>Matthew W. Lawless, MD, L. Joseph Rubino, MD, Michael A. Herbenick, MD, Corey J. Ellis, MD</td>
<td></td>
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<tr>
<td>Orthopaedic Trauma</td>
<td>Michael J. Prayson, MD</td>
<td>2004-Present</td>
</tr>
<tr>
<td></td>
<td>Michael J. Prayson, MD, Indresh Venkatarayappa, MD, Jennifer L. Jerele, MD</td>
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<tr>
<td>Shoulder &amp; Elbow Surgery</td>
<td>Michael A. Herbenick, MD</td>
<td>2012-Present</td>
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<tr>
<td></td>
<td>Michael A. Herbenick, MD, Michael A. Herbenick, MD, Anthony J. Checroun, MD, Michael J. Griesser, MD</td>
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<tr>
<td>Foot &amp; Ankle Surgery</td>
<td>Richard T. Laughlin, MD</td>
<td>1994-2017</td>
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<td></td>
<td>Richard T. Laughlin, MD, Michael D. Barnett, Jr., MD, Paul G. Peters, MD</td>
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<tr>
<td>Foot &amp; Ankle Surgery</td>
<td>Paul G. Peters, MD</td>
<td>2018-Present</td>
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<td></td>
<td>Paul G. Peters, MD, Michael D. Barnett, Jr., MD</td>
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<tr>
<td>Joint Reconstruction &amp; Replacement</td>
<td>Indresh Venkatarayappa, MD</td>
<td>2015-Present</td>
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<td></td>
<td>Indresh Venkatarayappa, MD, Matthew W. Lawless, MD, Indresh Venkatarayappa, MD, Dennis M. Brown, MD</td>
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<tr>
<td>Hand Surgery</td>
<td>Peter Barre, MD</td>
<td>2015-Present</td>
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<td></td>
<td>Peter Barre, MD, MD, Beth Berrettoni, MD, Matthew Cavo, MD, Christopher Lyons, MD, Sunishka Wimalawansa, MD</td>
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<tr>
<td>Plastic Surgery</td>
<td>R. Michael Johnson, MD</td>
<td>2009-Present</td>
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<td></td>
<td>R. Michael Johnson, MD, Sunishka Wimalawansa, MD</td>
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<tr>
<td>Pediatrics Orthopaedics</td>
<td>Michael C. Albert, MD</td>
<td>2018-Present</td>
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<td></td>
<td>Michael Albert, MD, Craig Shank, MD, Jeffrey Mikutis, DO, Alvin Jones, MD</td>
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<tr>
<td>Spine Surgery</td>
<td>Mark Kayanja, MD</td>
<td>2014-2018</td>
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<td></td>
<td>Mark Kayanja, MD, PhD, James Lehner, MD</td>
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<tr>
<td>C-STAR Program</td>
<td>Lt Col Brandon Horne, MD</td>
<td>2012-Present</td>
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<tr>
<td></td>
<td>Lt Col Brandon Horne, MD, Sunishka Wimalawansa, MD</td>
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</table>
Fully Affiliated Faculty  (may be the same as #2 above for some depts)

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

Prayson MJ.
- Purcell K, Bales AM, Ferraiuola 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 - 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

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


• Somerville A, Froehle AW, Schoeninger MJ. Environmental Influences on Rabbit and Hare Bone Isotope Abundance: Implications for Paleoenvironmental Research. Palaeogeogr, Palaeoclimatol, Palaeocool, 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


Books, chapters, reviews

Published abstracts


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.


• 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


• **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.


• **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.


• **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*


• **Erb ED, Soehnlen 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.*

• **Soehnlen 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 Resident Research Forum; 2018 Apr 26; Dayton, OH.*


• **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, 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.*
• 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:

Consultantships [sponsor activity]
Ellis CJ.
• Sports medicine physician for Beavercreek High School, Beavercreek, 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 Annals 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 Heath 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

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)

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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

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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)

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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.