



Department of Orthopaedic Surgery, Sports
Medicine & Rehabilitation

Annual Report

2014

Richard T. Laughlin, M.D.
Chair & Professor

For the period including
January 1, 2014 — December 31, 2014

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Statement from the Chair

2014 has been a challenging year. However, with the many changes we have made, we should be able to adapt to what lies ahead for our department. On the clinical side, we had Greg Stover leave the practice at the end of 2014. Over the first six months of the fiscal year, we had to raise the department fund to replenish it from the loss we sustained with the merge of the Stover practice. By the end of 2014, our department fund was positive again.

The changes that have occurred coincide with the increased earning potential of our sports medicine faculty. With the current overhead structure and the corporate cascade, there has been a general discontent among the faculty and dissatisfaction with the corporate structure and service provided by WSPI. Some of the faculty are exploring other practice options and we are at risk of losing them if we cannot stabilize their income. In our current model, it is very difficult to maintain a competitive salary for the high earning faculty. In a private practice or employed position, their income is supplemented by ancillary income. We do not have the ability to have an ASC, advanced imaging or ownership in other ancillary revenue streams. This is something that must be explored and pursued in the future for WSPI to be able to provide a competitive salary that will allow the faculty to stay within the group.

Another challenge has been our physical therapy service based at the WSP Health Center. We have two good therapists and their practice is growing. We covered all the start-up costs and the business model with uncertainty regarding the amount of space allocated to physical therapy. This has made it difficult to show a profit in this service. Again, we received some relief from the Dean in the amount of overhead attributed to the service, which should make the bottom line look better in 2015. We are currently exploring co-management options with Premier to allow us to increase the volume at a faster rate and to start aftercare and sports acceleration programs. We have not been able to get these started due to a lack of capital and the instability of our department fund. In addition, there has been no input from the athletic training department, which was in the original plan for the building.

We are currently exploring ways to decrease our lease burden. We are renegotiating our lease at Miami Valley Hospital South with Premier Health. As that practice has grown, the x-ray lease has become highly unfavorable, but has been modified. The situation there is not an ideal one. However, it is probably the way our future practice will look with our surgeons practicing alongside the Premier Health surgeons, sharing the resources of office staff and x-ray. As the volume increases, this will be a difficult setting for our sports faculty. However, they feel they need to be there to get the sports primary care referrals. We have three more years left on our Atrium Medical Center lease and need to anticipate its end, so we can find a more favorable place to work. In this setting, a time share would probably work better and be more economical. In addition, we need to get educational space from the Atrium as we now have residents stationed there and they do not have any space allocated for the residency.

On our practice side, we successfully recruited a spine surgeon, Mark Kayanja, MD, PhD, who started in August 2014. He has been a welcome addition to the spine call schedule at Miami Valley Hospital and has been very well received in our practice, as well as in the residency. He will bring leadership and continuity to the spine service at MVH, and think he will develop a very successful clinical practice. We are also recruiting a hand surgeon for the Division of Plastic Surgery. We hope to have him in place by August 2015.

Our future is to strengthen our alignment with Premier. We need to continue to explore ways to collaborate, but there are major obstacles. Not being on the same EMR makes it difficult to compete with the surgeons who are on the EMR. This is particularly challenging for our joint surgeons and our sports surgeons. If we get a hand surgeon, it will be a challenge for him also. Due to our existing leases, we are not as mobile as we need to be. Premier has new sites they would like to develop with us. However, we do not have the capital to take on more lease burden. This may be able to happen with development of co-management and PSA arrangements, which Premier is slowly starting to explore.

Our surgeons hold key leadership positions within Premier:

- Sports Medicine Institute: Rubino and Herbenick
- MVH South Co-Management: Herbenick, Rubino, Lawless, Laughlin, Barnett
- Premier Health Group Board: Herbenick
- MVH Orthopaedic Department Chair: Herbenick

- Premier Orthopaedic & Sports Medicine Institute Chair: Laughlin
- Premier Hip & Knee Joint Service Line: Lawless
- Premier Trauma Service Line: Prayson, Indresh

With our surgeons in these key leadership positions, we can continue to strengthen our position. However, there will be increasing pressure to join Premier to overcome many of the logistical obstacles previously discussed. Our surgeons are the backbone of the Premier orthopaedic service line, but without being employed, they are hindered in developing the service line at the speed that is needed to be competitive. This highlights the need to develop co-management agreements, refine our leasing agreements, increase our volume and improve our customer service.

On the academic side, it has been a good year. All of our 2014 graduating residents passed their boards. We had four medical students applying for orthopaedics and all matched into categorical slots.

In the research arena, we continue to collaborate with Dana Duren, Ph.D., in Community Health. In 2014, we appointed her as director of orthopaedic research. Kate Excoffeen, Ph.D., was also given a joint appointment in orthopaedics and plastic surgery in order to strengthen our collaboration in the stem cell lab established by Dr. Johnson. Greg Gould has grown into a very valuable asset, providing technical support in both the biomechanics lab and the stem cell lab. We also continue to collaborate with bioengineering graduate students under the guidance of Tarun Goswami, Ph.D. Finally, Dr. Herbenick continues to collaborate with the physical therapy department with the University of Dayton graduate programs.

Our faculty have been frequent speakers in the Premier arthritis series for the general public. We continue to run our public education sessions at the WSP Health Center once per month on musculoskeletal topics. We have physicians that serve as team physicians/consultants at Centerville, Beavercreek, Springboro, Fairborn, as well as the University of Dayton, WSU, and Miami University-Middletown.

Overall, this is a very challenging, stressful time. I have been very pleased at the ability of our faculty to provide excellent care to our patients in a difficult practice model. We hope that we can bring change to the model in 2015 that will stabilize our future.

2 Programs/Divisions

Name of Division or Program	Director	Dates
Sports Medicine Matthew W. Lawless, MD, Michael A. Herbenick, MD, L. Joseph Rubino, III, MD, Corey J. Ellis, MD	Matthew W. Lawless, MD	2006-Present
Orthopaedic Trauma Michael J. Prayson, MD, Richard T. Laughlin, MD, James C. Binski, MD, Indresh Venkatarayappa, MD	Michael J. Prayson, MD	2004-Present
Shoulder & Elbow Surgery Michael A. Herbenick, MD, L. Joseph Rubino, III, MD, Matthew J. DiPaola, MD	Michael A. Herbenick, MD	2008-Present
Foot & Ankle Surgery Richard T. Laughlin, MD, Michael D. Barnett, Jr., MD, Gregory L. Barbour, DPM (Podiatrist)	Richard T. Laughlin, MD	1994-Present
Joint Reconstruction & Replacement James C. Binski, MD, Matthew W. Lawless, MD, Indresh Venkatarayappa, MD	James C. Binski, MD	2008-Present
Plastic Surgery R. Michael Johnson, MD, Salim Mancho, DO	R. Michael Johnson, MD	2009-Present

Name of Division or Program	Director	Dates
C-STARS Program	Lt Col Brandon Horne, MD	2012-Present
Spine Surgery	Mark Kayanja, MD	2014-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
Gregory L. Barbour, DPM Podiatrist	Podiatry	
Michael D. Barnett, Jr, MD Assistant Professor	Foot & Ankle	Clinical foot and ankle
James C. Binski, MD Institutional Professor	Trauma, Joint Reconstruction, Limb Lengthening	Limb deformity/trauma
Matthew J. DiPaola, MD Institutional Assistant Professor	Shoulder & Elbow	Clinical shoulder and elbow, Bioskills Lab/surgical education
Corey J. Ellis, MD Assistant Professor	Sports Medicine, Primary Care	Sports medicine
Michael A. Herbenick, MD Chief, Shoulder & Elbow Surgery Associate Professor	Sports Medicine, Shoulder & Elbow	Sports medicine, overhead throwing rehab, virtual surgery education
Lt Col Brandon Horne, MD	Orthopaedic Trauma	Orthopaedic trauma
R. Michael Johnson, MD Chief, Division of Plastic Surgery Professor	Plastic Surgery, Burn Treatment	Plastic surgery, wound care, tissue engineering
Mark Kayanja, MD Chief, Division of Spine Surgery Associate Professor	Spine Surgery	Spine surgery
Anil B. Krishnamurthy, MD Institutional Associate Professor	Adult Reconstruction	Adult reconstruction
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
Salim Mancho, DO Assistant Professor	Plastic Surgery and Reconstruction, Pediatric	Plastic Surgery and Reconstruction, Pediatric

Name and Academic Position	Clinical Interests	Research Interests
	Craniofacial Surgery	Craniofacial Surgery
Michael J. Prayson, MD Chief, Orthopaedic Trauma Vice Chair, Professor & Trauma Fellowship Director	Orthopaedic Trauma	Trauma/fracture fixation
L. Joseph Rubino, III, MD Associate Professor	Sports Medicine, Shoulder & Elbow	Rotator cuff/sports medicine
Indresh Venkatarayappa, MD Assistant Professor	Orthopaedic Trauma, Joint Reconstruction	Orthopaedic Trauma, Joint Reconstruction
Gregory P. Boivin, DVM Director of Animal Lab Professor/Joint Appointment	Animal Research	Animal Research
Dana L. Duren, PhD Director of Orthopaedic Research Professor/Joint Appointment	Musculoskeletal Research, Gait Analysis	Musculoskeletal research, gait analysis
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
Tarun Goswami, PhD Professor/Joint Appointment	Biomechanical Engineering	Biomechanical Engineering
Ronald L. Markert, PhD Professor/Joint Appointment	Statistics	Statistics

4 Teaching

Baccalaureate [any course for a bachelor's degree]

- **Ellis CJ.** Quarterly lectures with athletic trainers
- **Herbenick MA.** Instructor for Orthopaedic physical examination skills for WSU medical students
- **Lawless MW.** Instructor for Orthopaedic physical examination skills for WSU medical students
- **Lawless MW.** Job shadow with Athletic training students
- **Rubino LJ.** Instructor for Orthopaedic physical examination skills for WSU medical students
- **Venkatarayappa I.** Lecture for Engineering Graduate Students – Wright State University, December 2014

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

- **Herbenick MA.** Lectures with athletic trainers and physical therapists
- **Laughlin RT.** Graduate Faculty, Wright State University Graduate School, 2011-Present.
- **Laughlin RT.** Lecturer, Upper Level Course, Athletic Training Program, Wright State University College of Health, Physical Education, and Recreation, 2003-Present
- **Laughlin RT.** Dissertation Committee, Dinesh Gundapaneni, Computational Simulations of Biomechanical Kinematics in WSU Total Ankle Replacement Systems, Wright State University Graduate School, 2013-2014
- **Lawless MW.** Quarterly lectures with athletic trainers and physical therapists

- **Prayson MJ.** Orthopaedic Engineering/Faculty, Wright State University College of Engineering & Computer Science, 2007-Present.
- **Prayson MJ.** Experimental Orthopaedic Engineering, BME 880. Instructor, Wright State University College of Engineering & Computer Science, 2007 – Present.
- **Prayson MJ.** PhD in Engineering Program, Program Faculty, Wright State University College of Engineering & Computer Science, 2007-Present.
- **Rubino LJ.** Quarterly lectures with athletic trainers and physical therapists

Undergraduate medical education [medical school]

- **Barnett MD.** Director, Undergraduate Orthopaedic Education
- **Barnett MD.** Multiple presentations to MS III students and clinical instruction to MS III and MS IV throughout the year
- **Barnett MD.** Instructor, Introduction to clinical medicine – orthopaedics, WSU BSOM
- **Barnett MD.** Advisor, MS IV sub-internship
- **Barnett MD.** Job shadow high school and college students
- **Ellis CJ.** Medical student elective preceptors (Sports Medicine)
- **Ellis CJ.** Student evaluator for ORS 811 Orthopaedics for Primary Care Elective
- **Ellis CJ.** Wright State Family Medicine, physical exams every 6 weeks
- **Herbenick MA.** Lecture to Athletic trainers of Dayton
- **Herbenick MA.** Medical student elective preceptor (Sports Medicine)
- **Herbenick MA.** Job shadow high school and college students
- **Herbenick MA.** University of Dayton Doctorate Physical Therapy Program
- **Herbenick MA.** Clinical instruction to MS III and MS IV students throughout the year
- **Johnson RM.** Clinical Clerkship Director, MS-IV – SUR 825 – Student – 2 weeks each, MS-IV – SUR 850 – Student – 1 month each
- **Laughlin RT.** Preceptor, MS2/MS3/MS4 Clinical Rotations, Wright State University Boonshoft School of Medicine, 1994-Present
- **Laughlin RT.** Advisor, Medical Students Pursuing Orthopaedics, Wright State University Boonshoft School of Medicine, 1995-Present: Mark Gelpi, Kim Grannis, Kevin Magone, Pete Shorten, Chadwick Garner, 2014
- **Laughlin RT.** Introduction to Clinical Medicine – Orthopaedics, Wright State University Boonshoft School of Medicine, 1998-Present
- **Laughlin RT.** MS4 Subinternship – Orthopaedics, Wright State University Boonshoft School of Medicine, 2000-Present
- **Lawless MW.** Medical student elective preceptors (Sports Medicine)
- **Lawless MW.** Job shadow high school and college students
- **Lawless MW.** Presentation to WSU MS III medical students
- **Lawless MW.** Clinical instruction to WSU MS III and MS IV medical students throughout the year
- **Mancho S.** Clinical Clerkship Assistant Professor, MS-IV – SUR 825 – Student – 2 weeks each, MS-IV – SUR 850 – Student – 1 month each
- **Prayson MJ.** MS-III Introduction to Clinical Medicine (Orthopaedic Section)/Faculty, Wright State University Boonshoft School of Medicine, 2004-Present.
- **Prayson MJ.** MS-IV Home/Visiting Student Clinical Rotations in Orthopaedic Trauma/Supervisor, Wright State University Boonshoft School of Medicine, 2004-Present.
- **Rubino LJ.** Medical student elective preceptor (Sports Medicine)
- **Rubino LJ.** Job shadow high school and college students
- **Rubino LJ.** Presentation to MS III students
- **Rubino LJ.** Clinical instruction to MS III and MS IV students throughout the year

- **Rubino LJ.** Job Shadow – University of Dayton Department of Physical Therapy students
- **Venkatarayappa I.** Interns and fourth year medical students – Wrights State University; 2009-present
- **Venkatarayappa I.** Job shadow high school and college students

Graduate medical education [residents, fellows]

- **Barnett MD.** Foot and Ankle teaching service, Miami Valley Hospital
- **Binski JC.** Daily resident conferences
- **Binski JC.** Resident staff review – monthly
- **Binski JC.** Resident specialty journal club – monthly
- **Binski JC.** Morbidity and mortality conference – monthly
- **Binski JC.** Trauma fracture conference – 2x/month
- **Di Paola, MJ.** Director Shoulder and Elbow Service and Orthopedic Surgical Simulation Laboratory, Dayton VA Medical Center, Dayton, Ohio (2009 – Present)
- **Di Paola, MJ.** Faculty Mentor, 4 Orthopaedic Residents (2011 – Present).
- **Ellis CJ.** Sports Medicine elective for Family Practice residents
- **Ellis CJ.** Miami Valley Hospital Family Practice lecture
- **Ellis CJ.** UC Family Practice residents 2.5 days per week
- **Herbenick MA.** Sports Medicine Teaching Service, Miami Valley Hospital
- **Herbenick MA.** Orthopaedic In-Training Exam Review – Sports Medicine, WSU, BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation
- **Herbenick MA.** Sports Medicine Journal Club
- **Johnson RM.** Program Director, Plastic Surgery Residency
- **Johnson RM.** Supervising General Surgery Residents (3rd Year), General Surgery Residents in Plastic Surgery, Burn Resident, and elective rotation.
- **Johnson RM.** Supervising Orthopaedic Surgery Residents in Plastic Surgery (8 months/year)
- **Kayanja, MM.** Basic Science IV Disc, Dayton, Ohio (Dec 4, 2014)
- **Kayanja, MM.** Faculty Mentor, Orthopaedic Residents (2014 – Present).
- **Krishnamurthy AB.** Two R2 and R4 residents
- **Krishnamurthy AB.** Two research residents
- **Laughlin RT.** Bi-monthly Foot & Ankle X-ray Review, 1994-Present
- **Laughlin RT.** Monthly Journal Club, 1994-Present
- **Laughlin RT.** Monthly Trauma X-ray Review, 1994-Present
- **Laughlin RT.** OITE Review/Foot & Ankle, 1994-Present
- **Laughlin RT.** Resident Research Projects Mentor, 1994-Present: Chad Williams, Roman Trimba, Matt Cavo 2013-2014, Jake Deister, 2014-2015
- **Laughlin RT.** Weekly Grand Rounds Presentations, 1994-Present
- **Laughlin RT.** Geriatrics Fellowship Faculty, 2007-Present
- **Lawless MW.** Sports Medicine Teaching service, Miami Valley Hospital
- **Lawless MW.** X-ray conference weekly
- **Lawless MW.** Instructor – Basic science education
- **Lawless MW.** Anatomy – 6 months/year
- **Lawless MW.** Basic Science – attend weekly
- **Lawless MW.** Quizzes/Reading weekly
- **Lawless MW.** Grand Rounds – Present and attend weekly
- **Lawless MW.** Trauma Rounds/Case Reviews 1 to 2 times/month
- **Lawless MW.** Sports Medicine Journal Club
- **Lawless MW.** Ortho In-Training Exam Review – Sports Medicine, WSU BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation
- **Mancho S.** Clinical Assistant Professor, Plastic Surgery Residency

- **Mancho S.** Supervising General Surgery Residents (3rd Year), General Surgery Residents in Plastic Surgery, Burn Resident, and elective rotation.
- **Mancho S.** Supervising Orthopaedic Surgery Residents in Plastic Surgery (8 months/year)
- **Prayson MJ.** Daily Orthopaedic Trauma Resident Conferences/Case Review (Trauma Curriculum), Wright State University Boonshoft School of Medicine, Department of Orthopaedic Surgery, 2004-Present.
- **Prayson MJ.** Orthopaedic Resident Faculty Mentor, Wright State University Boonshoft School of Medicine, Department of Orthopaedic Surgery, 2004-Present.
- **Prayson MJ.** Comprehensive Fracture Course for Residents (Faculty/Lab Director/Instructor), Orthopaedic Trauma Association, 2006-Present.
- **Prayson MJ.** Orthopaedic Trauma Fellow Director, Wright State University Boonshoft School of Medicine, Department of Orthopaedic Surgery: Nicholas Quercetti, MD, 2013-2014, Tejas Patel, DO, 2014-2015.
- **Prayson MJ.** OITE review – Orthopaedic Trauma. Presented at the Department of Orthopaedic Surgery Resident Lectures, Wright State University School of Medicine, Dayton, Ohio, 2004 – Present.
- **Rubino LJ.** Sports Medicine Teaching Service, Miami Valley Hospital
- **Rubino LJ.** Arthroscopy skills lab instructor at MVH
- **Rubino LJ.** Sports Medicine Journal Club
- **Rubino LJ.** Orthopaedic morning conferences
- **Rubino LJ.** Instructor at UD Physical Therapy Doctorate Program

Continuing medical education [grand rounds, seminars]

- **Johnson RM.** Dayton Plastic Surgery Society – April 2014 – Kenneth J. Moquin, M.D., M.S., Senior Staff Surgeon and Clinical Instructor, Henry Ford Hospital, Detroit, MI
- **Johnson RM.** Dayton Plastic Surgery Society – July 2014 – Thomas W. Gilbert, Ph.D., Chief Science Officer, ACell
- **Johnson RM.** Reconstructive Microsurgery, Wright State University Surgical Grand Rounds, Kettering Medical Center, January 2014
- **Johnson RM.** Sun Protection and Skin Care, Wright State Orthopaedics Educational Session, May 2014
- **Laughlin RT.** Director, Annual prosthetics and Orthopaedic Course, Miami Valley Hospital, 2014
- **Mancho S.** Dayton Plastic Surgery Society – April 2014 – Kenneth J. Moquin, M.D., M.S., Senior Staff Surgeon and Clinical Instructor, Henry Ford Hospital, Detroit, MI
- **Mancho S.** Dayton Plastic Surgery Society – July 2014 – Thomas W. Gilbert, Ph.D., Chief Science Officer, ACell

Other

- **Ellis CJ.** WSP Dept of Ortho Education Session. Presented at WSU Health Center, Fairborn, OH, April 2014.
- **Ellis CJ.** Concussion Teacher In-Service. Presented at Fairborn High School, Fairborn, OH, September 2014.
- **Laughlin RT.** Instructor, Advanced Trauma Life Support (ATLS), Miami Valley Hospital, 2002-Present
- **Laughlin RT.** Faculty, AO North America, 2004-Present
- **Laughlin RT.** Preceptor for High School Students Interested in Orthopaedics, 1994-Present
- **Rubino LJ.** UD Injury Clinic / Training room

5 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]

- **Binski JC.** Investigator, OP-1 Study, 2001-2014
- **Di Paola, MJ.** DAGMEC: Dayton Area Graduate Medical Education Community Seed Grant. Evaluating Electronic Tablets in Outcomes Based Orthopedic Research. \$1,850.
- Excoffon K (PI), **Johnson RM** (Co-PI). A Novel In-Vitro Model of Chronic Wound Healing. July 2014. \$50,000
- **Johnson RM** (PI), Excoffon K (Co-PI), Wimalawansa SM (Co-PI). Transgenic Adipose Stem Cell-Mediated VEGF Delivery. May 2014 \$10,000
- **Prayson MJ.** The Science of Variation Group (SVG): Evaluating Today's Patient Safety Climate (February 2014), Variation in Classification and Treatment of Fractures (June 2014), Tibial Plateau Fractures (August 2014), Variation in Treatment Recommendation for Upper Extremity Conditions (December 2014)

Publications [List each publication only once; do not list manuscripts in press. List only publications from the year covered by this report.]

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Papers in refereed journals

- Cox JT, Shorten PL, Gould GC, Markert RJ, **Barnett MD Jr**, Laughlin RT. Knotted versus knotless suture bridge repair of the achilles tendon insertion: a biomechanical study. *Am J Sports Med.* 2014 Nov;42(11):2727-33.
- **Di Paola, MJ. Di Paola MJ**, Abzug JM, Pizzutillo PD, Herman MJ. Incidence and etiology of unplanned cast changes for fractures in the pediatric population. Accepted for publication by *Journal of Pediatric Orthopedics*, 2014.
- **Di Paola, MJ.** Roche CP, Stroud NJ, Lurin PH, Wright TW, Zuckerman JD, **DiPaola MJ.** Reverse shoulder glenoid baseplate fixation: a comparison of flat-back versus curved-back designs and oval versus circular designs with 2 different offset glenospheres. Accepted for publication by *Journal of Pediatric Orthopedics*, 2014.
- Dundon JM, Gould GC, **Herbenick MA**, Hamilton JA, Cannulated screw with solid core insert: stronger than cannulated screws. *Am J Orthop* (Belle Mead NJ). 2014 Sep; 43(9): E191-3.
- Hansen DG, Abbott LE, **Johnson RM**, Fox JP. Variation in Hospital Based Acute Care within 30 days of Outpatient Plastic Surgery. *Plastic and Reconstructive Surgery.* 2014 September 134(3):370e-378e.
- Wimalawansa SM, Fox JP, **Johnson RM.** The Measurable Cost of Complications for Outpatient Cosmetic Surgery in Patients with Mental Health Diagnoses. *Aesthetic Surgery Journal.* 2014 Feb; 34(2)306-16.
- **Kayanja M.** Lubelski D, McCormick WE, Ferrara L, Benzel EC, **Kayanja M.** A cadaveric analysis of cervical fixation: the effect of intermediate fixation points and dynamization in multilevel cervical fusions. Published *J Neurosurgery Spine*, 2014
- **Kayanja M. Kayanja M**, Orr, RD. Incidence and outcome of graft resorption in anterior lumbar interbody fusion: using femoral ring allografts and recombinant human bone morphogenetic protein-2. Published *Spine Journal*, 2014
- Froehle AW, **Laughlin RT**, Teel DD 2nd, Sherwood RJ, Duren DL. Excess body weight loss is associated with nonpathological gait patterns in women 4 to 5 years after bariatric surgery. *Obes Surg.* 2014 Feb;24(2):253-9.
- Froehle AW, Dollin N, **Laughlin RT**, Teel D, Sherwood R, Duren D., Bariatric surgery: effects on patient gait and function. *Journal of Foot and Ankle Research.* March 2014. <http://lermagazine.com/article/bariatric-surgery-effects-on-patient-gait-and-function>
- Cox JT, Shorten PL, Gould GC, Markert RJ, Barnett MD Jr, **Laughlin RT.** Knotted versus knotless suture bridge repair of the achilles tendon insertion: a biomechanical study. *Am J Sports Med.* 2014 Nov;42(11):2727-33. doi: 10.1177/0363546514549004. Epub 2014 Sep 15.

- Gundapaneni D, Tsatalis JT, **Laughlin RT**, Goswami T. Wear characteristics of WSU total ankle replacement devices under shear and torsion loads. *J Mech Behav Biomed Mater.* 2015 Apr;44:202-23. doi: 10.1016/j.jmbbm.2014.12.010. Epub 2014 Dec 25.
- **Lawless MW**. Kimpel DM, Gorner CC, Magone KM, May JH, **Lawless MW: Greater trochanteric hip pain**. *Orthopedic Nursing* 33(2) March/April 2014: p95-100.
- Cox JT, Gayton J Ch, Noyes MP, Gould GC, Markert RJ, Verwiebe EG, **Prayson MJ**. Biomechanical comparison of hybrid versus non-locking screw fixation for midshaft clavicle fractures. *Journal of Contemporary Orthopaedic Research*. Accepted pending revisions, March, 2014.
- FAITH trial investigators (participating member – **Prayson MJ**). Radiographic prevalence of CAM-type femoroacetabular impingement after open reduction and internal fixation of femoral neck fractures. *Knee Surg Sports Traumatol Arthrosc.* 2014 Apr; 22(4):793-800. doi: 10.1007/s00167-014-2835-6. Epub 2014 Feb 1.
- FAITH trial investigators (participating member – **Prayson MJ**). The societal costs of femoral neck fracture patients treated with internal fixation. *Osteoporos Int.* 2014 Mar; 25(3):875-85. doi: 10.1007/s00198-013-2487-2. Epub 2013 Sep 27.
- The Science of Variation Group (participating member – **Prayson MJ**). Scapula fractures: interobserver reliability of classification and treatment. *J Orthop Trauma.* 2014 Mar; 28(3):124-9. doi: 10.1097/BOT.0b013e31829673e2.
- Collinge CA, **Prayson M**. Open reduction and internal fixation of the pilon. *Oper Tech Orthop*. Chapter update in progress, 2014.
- Stitgen A, Poludnianyk K, Dulaney-Cripe E, Markert R, **Prayson M**. Adherence to Preoperative Cardiac Clearance Guidelines in Hip Fracture Patients. *Journal of Orthopaedic Trauma*. Accepted 2014.
- Thapa N, **Prayson M**, Goswami T. A failure study of a locking compression plate implant. *Case studies in Engineering Failure Analysis.* 2015;(3):68-72.

Books, chapters, reviews

- Collinge CA, **Prayson M**. Open reduction and internal fixation of the pilon. *Oper Tech Orthop*. Chapter update in progress, 2014. In Wiesel S (ed.), *Oper Tech Orthop*. 2e. Vol. 1: Sports Medicine, Trauma and Adult Reconstruction. Philadelphia: Lippincott Williams & Wilkins.

Published abstracts

- Knoll P, Chu J, Cox J, Hamilton R, Boivin GP, **Laughlin RT**. The effect of exercise and glycemic control on diabetic (db/db) mouse achilles tendons. Poster presented at the Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 2014.
- Cavo, MJ, Fox JP, **Laughlin RT**. Association between diabetes, obesity and short term outcomes among patients surgically treated for ankle fractures. *Proceedings of the Mid-America Orthopaedic Association Annual Meeting*, 2014.
- Cox JT, Shorten PL, Gould GC, Markert RJ, Barnett MD, **Laughlin RT**. Knotted vs. knotless suture bridges repair of the achilles tendon insertion: a biomechanical study. *Proceedings of the Mid-America Orthopaedic Association Annual Meeting*, 2014.
- Knoll P, **Laughlin RT**. Effect of exercise and glycemic control on diabetic (db/db) mouse achilles tendons. Presented at the Mid-America Orthopaedic Association 32nd Annual Meeting, San Antonio, TX, April 2014.

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

- **Barnett MD**. MS-III Ortho Surgery Rotations Lectures
- **Binski JC**. Lecturer: Incorporating the Foot – When and How • Deformities of the Hindfoot • TSF in open Tibia Fractures • Lecturer & Lab: Cubitus Varus, Paper Lab: Supramalleolar with Extrinsic Origin. *Advanced Taylor Spatial Frame Course*, Memphis, TN. June 6-7, 2014.
- **Binski JC**. Lecturer/Lab Instructor: Segmental Bone Transport Optimizing the Outcome • Six-Axis External Fixation Lab x 3. *24th Baltimore Limb Deformity Course*, Baltimore, MD, August 29-31, 2014.
- **Binski JC**. Lecturer: Safe Pin/Wire Patterns – Upper Extremity. *24th Annual Limb Deformity Post Course-Taylor Spatial Frame: Back to Basics*, Baltimore, MD, September 1, 2014.
- **Binski JC**. Lecturer: Introduction to TSF – Indications & Scope • Biology of Regenerate & Corticotomy Technique. Lecturer/Lab Instructor: Distal Tibial Malunion. *Essentials of Taylor Spatial Frame*, Memphis, TN, September 12-13, 2014.

- **Ellis CJ.** WSU Family Medicine Musculoskeletal Workshop. Presented at WSP Health Center, Fairborn, OH, January 2014.
- **Ellis CJ.** Focus Group. Presented at WSP Health Center, Fairborn, OH, February 2014.
- **Ellis CJ.** ENT Lecture. Presented at WSP Health Center, Fairborn, OH, April 2014.
- **Ellis CJ.** WSU Family Medicine Musculoskeletal Workshop. Presented at WSP Health Center, Fairborn, OH, April 2014.
- **Ellis CJ.** WSU Psych Resident Workshop. Presented at WSP Health Center, Fairborn, OH, April 2014.
- **Ellis CJ.** WSU Department of Orthopaedic Symposium. Presented at Nutter Center, Fairborn, OH, May 2014.
- **Ellis CJ.** WSU Family Medicine Musculoskeletal Workshop. Presented at WSP Health Center, Fairborn, OH, July 2014.
- **Ellis CJ.** WSU Family Medicine Musculoskeletal Workshop. Presented at WSP Health Center, Fairborn, OH, August 2014.
- **Ellis CJ.** WSU Athletic Training Talk #1 Minor Office Procedures. Presented at WSP Health Center, Fairborn, OH, September 2014.
- **Ellis CJ.** WSU Family Medicine Musculoskeletal Workshop. Presented at WSP Health Center, Fairborn, OH, October 2014.
- **Ellis CJ.** WSU Family Medicine Musculoskeletal Workshop. Presented at WSP Health Center, Fairborn, OH, November 2014.
- **Ellis CJ.** WSU Physical Therapy Workshop. Presented at University of Dayton, Dayton, OH, November 2014.
- **Ellis CJ.** WSU Athletic Training Education Workshop. Presented at WSP Health Center, Fairborn, OH, November 2014.
- **Herbenick MA.** "Upper Extremity Orthopaedics Surgery," University of Dayton Doctorate Physical Therapy Program, Dayton, Ohio; September 2014
- **Herbenick MA.** "Surgical Treatment of the Shoulder," Wright State University Athletic Training, Dayton, Ohio; October 2014
- **Herbenick MA.** "Knee Bracing: Clinical Indications and Use in the Young Athletic Population," Orthotics and Prosthetics Symposium, Dayton, Ohio; March, 2014
- **Johnson RM.** Microsurgery, Hospital San Juan de Dios, Oruro Bolivia, March 2014
- **Johnson RM.** Microsurgery, Universidad Technico Medico, Oruro Bolivia, March 2014
- **Johnson RM.** Resident paper session moderator, Ohio Valley Society of Plastic Surgeons, White Sulphur Springs, WV, June 2014
- **Krishnamurthy AB.** Revision Total Knee in the Veteran Population" Paper presented at the Mid America Orthopedic Association Meeting in San Antonio, April 25, 2014.
- Cox JT, Shorten PL, Gould GC, Markert RJ, Barnett M, **Laughlin RT.** Knotted vs. knotless suture bridge repair of the achilles tendon insertion: a biomechanical study. Presented at the Mid America Orthopaedic Association 32rd Annual Meeting. San Antonio, TX, April 2014.
- Knoll PA, Chu J, Cox JT, Hamilton R, Boivin GP, **Laughlin, RT.** The effect of exercise and glycemic control on diabetic (bd/db) mouse achilles tendons. Presented at the Mid America Orthopaedic Association, 32rd Annual meeting, San Antonio TX, April 2014.
- Cavo MJ, **Laughlin RT,** Fox JP. Association between diabetics, obesity and short term outcomes among patients surgically treated for ankle fractures. Presented at the Mid America Orthopaedic Association 32rd Annual Meeting. San Antonio, TX, April 2014.
- Knoll PA, Chu J, Cox J, Hamilton R, Boivin GP, **Laughlin RT.** The effect of exercise and glycemic control on diabetic (db/db) mouse achilles tendons. Poster presented at the Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 2014.
- Cox JT, Shorten PL, Gould GC, Markert RJ, Barnett M, **Laughlin RT.** Knotted vs. knotless suture bridge repair of the achilles tendon insertion: a biomechanical study. Presented at the Ohio Orthopaedic Society Annual Meeting, Columbus, OH, May 2014.

- **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, November 2014.
- **Lawless MW.** MS-III Ortho Surgery Rotations Lecture, Dayton, Ohio
- **Lawless MW.** Quarterly Sports Medicine presentations to the PHP Athletic Trainers
- **Prayson MJ.** Adherence to Preoperative Cardiac Clearance Guidelines in Hip Fracture Patients. Poster presented at the Ohio Orthopaedic Society Annual Meeting, Dublin, Ohio, May 16, 2014. 3rd place award.
- **Prayson MJ.** Adherence to Preoperative Cardiac Clearance Guidelines in Hip Fracture Patients. Poster to presented at the Orthopaedic Trauma Association 29th Annual Meeting, Tampa, Florida, October 14-18, 2014.
- **Prayson MJ.** OITE review – Orthopaedic Trauma. Presented at the Department of Orthopaedic Surgery Resident Lectures, Wright State University School of Medicine, Dayton, Ohio, 2004 – Present.
- **Prayson MJ.** Experimental Orthopaedic Engineering, BME 880. Instructor, Wright State University Russ Engineering School, 2007 – Present.
- **Venkatarayappa I.** Speaker at the Trauma and Critical Care Update - May 2014

Consultantships [sponsor activity]

- **Ellis CJ.** Wright State University, Assistant Team Physician
- **Ellis CJ.** Beavercreek High School, Assistant Team Physician
- **Herbenick MA.** Wright State University, Assistant Team Physician
- **Herbenick MA.** Centerville High School, Orthopaedic Consultant
- **Herbenick MA.** University of Dayton Sports, Orthopaedic Consultant
- **Laughlin RT.** Synthes, 2013-Present
- **Lawless MW.** Team Physician, Fairborn, Beavercreek
- **Lawless MW.** Team Physician, Wright State University
- **Prayson MJ.** Bioventus Global, Biologics & Spine Division, Consultant, 2009-Present.
- **Rubino LJ.** Wright State University, Assistant Team Physician
- **Rubino LJ.** Miami University, Middletown Campus, Head Team Physician
- **Rubino LJ.** University of Dayton Sports, Orthopaedic Consultant

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

- **Binski JC.** Reviewer, Journal of Orthopaedic Surgery and Research, 2011-Present
- **Johnson RM.** Reviewer Aesthetic Surgery Journal
- **Laughlin RT.** Reviewer, American Journal of Sports Medicine, 1996-Present
- **Laughlin RT.** Reviewer, Journal of Trauma, 2004-Present
- **Mancho S.** Transforming Techniques Medical Spa
- **Prayson MJ.** The Journal of Trauma: Injury, Infection and Critical Care, Manuscript Reviewer, 1996-Present.
- **Prayson MJ.** ACTA Scandanavia Orthopaedica, Manuscript Reviewer, 1998-Present.
- **Prayson MJ.** Journal of Orthopaedic Trauma, Manuscript Reviewer, 2009-Present.
- **Rubino LJ.** Clinical Orthopaedics and Related Research
- **Rubino LJ.** Journal of Athletic Training
- **Venkatarayappa I.** Reviewer of up to ten articles per year in the Indian Orthopaedic Journal

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Summary of Service Activities

Student advising

- **DiPaola MJ.** Faculty Advisor to Wright State University medical student, Zachary DiPaolo.

- **DiPaola MJ.** Faculty Advisor to Wright State University medical student, Lorraine Kiger.
- **DiPaola MJ.** Faculty Advisor to Wright State University medical student, Paul Hutchinson.
- **DiPaola MJ.** Faculty Advisor to Wright State University medical student, Cody Green.
- **Ellis CJ.** Athletic training student organization guest lectures
- **Ellis CJ.** WSU Primary Care students for ORS 811 Orthopaedics for Primary Care Elective
- **Herbenick MA.** Orthopaedic Residency Director
- **Johnson RM.** Teach 4th Year Medical Students
- **Lawless MW.** Academic advisor to WSU student, Chad Garner, MS, IV
- **Lawless MW.** Academic advisor to WSU student, Daniel Drake, MS, II
- **Mancho S.** Teach 4th Year Medical Students

Committee membership/officer [indicate if committee chair]

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Wright State University Boonshoft School of Medicine [or college name]

- **Barnett MD.** Member, Resident Selection Committee, WSU BSOM Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation
- **Barnett MD.** Foot & Ankle Subcommittee, WSU BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation
- **Barnett MD.** Education Subcommittee, WSU BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation
- **Binski JC.** Member, Academic Review Committee, 2008-Present
- **Binski JC.** Member, Faculty Development Committee, 2008-Present
- **Binski JC.** Member, Morbidity & Mortality Conference Monthly, 2008-Present
- **Binski JC.** Member, Department Faculty Committee, 2008-Present
- **Binski JC.** Member, Resident Selection Committee, 2008-Present
- **Binski JC.** Member, Resident Staff Review Monthly, 2008-Present
- **Herbenick MA.** WSU, BSOM, Dept of Orthopaedic Surgery, Residency Selection Committee
- **Herbenick MA.** University of Dayton Doctorate of Physical Therapy Program Board member
- **Johnson RM.** DAGMEC
- **Krishnamurthy AB.** Admission Committee
- **Laughlin RT.** Member, Graduate Medical Education Consortium (GMEC – Formerly DAGMEC), 2004-Present
- **Laughlin RT.** Member, Clinical Chairs Committee, 2008-Present
- **Laughlin RT.** Member, Executive Committee, 2008-Present
- **Laughlin RT.** Member, Strategic Planning Committee, 2013-Present
- **Laughlin RT.** Member, Resident Selection Committee, 1994-Present
- **Laughlin RT.** Co-Chair, Faculty Promotion Committee, 1994-Present
- **Laughlin RT.** Member, Resident Research Committee, 2003-Present
- **Laughlin RT.** Member, Education Committee, 2008-Present
- **Laughlin RT.** Member, Finance Committee, 2008-Present
- **Laughlin RT.** Member, Foot & Ankle Committee, 2008-Present
- **Laughlin RT.** Member, Curriculum Committee, 2012-Present
- **Prayson MJ.** Finance Committee, Chair, 2008-Present.

- **Prayson MJ.** Research Committee, Member, 2004-Present.
- **Prayson MJ.** Promotions Committee, Co-Chair, 2008-Present.
- **Prayson MJ.** Graduate Medical Education Committee (GMEC) [formerly DAGMEC], Member, 2010-Present.
- **Prayson MJ.** Clinical Competency Committee, Member, 2013-Present.
- **Rubino LJ.** WSU, BSOM, Dept of Orthopaedic Surgery, Residency Selection Committee
- **Venkatarayappa I.** Assistant Professor, Department of Orthopaedic Surgery, Wright State University Boonshoft School of Medicine, Dayton, Ohio; 2013-present

Wright State University

- **Barnett MD.** LCME Accreditation Committee, WSU BSOM
- **Ellis CJ.** University Athletics Council
- **Herbenick MA.** WSU SOM Nominating Committee Member
- **Johnson RM.** WSP Board of Directors, At-Large Member
- **Lawless MW.** WSU Athletic Council
- **Lawless MW.** WSU Student Welfare Council
- **Lawless MW.** WSU FM Chair Search Committee
- **Lawless MW.** Director Athletic Training
- **Lawless MW.** WSU BSOM, Dept of Orthopaedic Surgery, Residency Selection Committee
- **Venkatarayappa I.** Orthopaedic Research Committee, Wright State University; 2013-present

Wright State Physicians

- **Laughlin RT.** Member, Board of Directors, 2007-Present
- **Laughlin RT.** Member, Management Committee, 2008-Present
- **Laughlin RT.** Member, Strategic Planning Subcommittee, 2013-Present
- **Prayson MJ.** Finance Committee, Member, 2011-Present.

Hospital or affiliated institution [name]

- **Binski JC.** Member, Department of Orthopaedic Surgery, 1990-Present
- **Binski JC.** Member, Section of Orthopaedic Trauma, 2008-Present
- **Binski JC.** Member, Trauma/General Surgery Collaborative, 2009-Present
- **Binski JC.** Member, Orthopaedic Trauma Committee, 2010-Present
- **Binski JC.** Member, Healthgrade Orthopaedic Improvement Committee, 2010-Present
- **Binski JC.** Member, Hip Fracture Advisory Board, 2010-Present
- **Binski JC.** Member, Total Knees & Hip Advisory Board, 2010-Present
- **DiPaola MJ.** Director Shoulder and Elbow Curriculum, Dayton VA Rotation of the Wright State Orthopaedic Residency program. (2009-Present)
- **Herbenick MA.** MVH Surgical Case Review Committee Member
- **Herbenick MA.** MVH South, Clinical Review Committee Member
- **Herbenick MA.** Graduate Medical Education Consortium Executive Committee
- **Herbenick MA.** MVH South Board of Directors
- **Herbenick MA.** Miami Valley Hospital South Co-management Physician Leader (Operations Committee Chair)
- **Herbenick MA.** MVH South Co-management Physician Leader (Vice Chairman)
- **Herbenick MA.** Premier Hospital PHO Steering Committee
- **Herbenick MA.** Premier Health Group Board of Directors
- **Herbenick MA.** Miami Valley Hospital Department of Surgical Services Committee, Chairman (2014-2016)
- **Herbenick MA.** Miami Valley Hospital Department of Orthopaedic Surgery, Chairman (2014-2016)
- **Johnson RM.** Fidelity Health Care Board Quality Committee - Member
- **Johnson RM.** Miami Valley Hospital Wound Care Committee – Member

- **Krishnamurthy AB.** Dayton VAMC
- **Laughlin RT.** Member, Department of Orthopaedic Surgery, Miami Valley Hospital, 1994-Present
- **Laughlin RT.** Member, Section of Orthopaedic Trauma, Miami Valley Hospital, 2008-Present
- **Laughlin RT.** Member, Trauma Committee, Miami Valley Hospital, 1994-Present
- **Laughlin RT.** Member, Orthopaedic Trauma Subcommittee, Miami Valley Hospital, 1997-Present
- **Laughlin RT.** Member, Comprehensive Wound Care Committee, Miami Valley Hospital, 2000-Present
- **Laughlin RT.** Member, Anesthesia – Surgeons Task Force, Miami Valley Hospital, 2012-Present
- **Laughlin RT.** Chair, Premier Health Orthopaedic Service Line Council, Miami Valley Hospital, 2012-Present
- **Laughlin RT.** Chair, Premier Health Foot & Ankle Subcommittee, Miami Valley Hospital, 2014-Committee
- **Laughlin RT.** Member, South Surgery Management Operations Committee, Miami Valley Hospital, 2012-Present
- **Lawless MW.** MVH Library Committee
- **Lawless MW.** MVH Sedation Committee
- **Lawless MW.** MVH South Co-management Committee Member
- **Lawless MW.** MVH Hip and Knee Advisory Board Committee
- **Mancho S.** Children's Hospital Dayton- Medical Director of Pediatric Plastic Surgery
- **Prayson MJ.** Directors of Education Committee, Member, Miami Valley Hospital, 2008-Present.
- **Prayson MJ.** Orthopaedic Trauma Committee, Chair, Miami Valley Hospital, 2010-Present.
- **Prayson MJ.** Trauma Committee, Member, Miami Valley Hospital, 2004-Present.
- **Prayson MJ.** Trauma Joint Practice Committee, Member, Miami Valley Hospital, 2008-Present.
- **Prayson MJ.** Hip Fracture Improvement Group, Physician Leader, Miami Valley Hospital, 2009-Present.
- **Prayson MJ.** Hip Fracture Advisory Board, Member, Miami Valley Hospital, 2009-Present.
- **Prayson MJ.** Department of Surgical Services Committee (DOSS), Miami Valley Hospital, Member, 2010-Present.
- **Prayson MJ.** DOSS Performance Improvement Project, Member, Miami Valley Hospital, 2010-Present.
- **Prayson MJ.** Healthgrades Orthopedic Improvement Committee, Member, Miami Valley Hospital, 2010-Present.
- **Prayson MJ.** Multidisciplinary Trauma Research Committee, Member, Miami Valley Hospital, 2010-Present.
- **Prayson MJ.** Surgery Scheduling Team, Member, Miami Valley Hospital, 2014-Present.
- **Rubino LJ.** Miami Valley Hospital South, Clinical Review Committee Member
- **Rubino LJ.** MVH South Co-Management
- **Rubino LJ.** Wright State Physicians, Billing Committee
- **Rubino LJ.** Wright State Physicians Board of Directors
- **Rubino LJ.** Wright State Physicians, Management Committee
- **Rubino LJ.** Wright State Physicians Finance Committee Chair
- **Venkatarayappa I.** Academic Chief Resident, Miami Valley Hospital - Department of Orthopaedics; 2012-present
- **Venkatarayappa I.** Orthopaedic Trauma Committee –Miami Valley Hospital; 2013-present

State

- **Johnson RM.** Ohio Valley Society of Plastic Surgeons – Board of Directors President Elect

- **Mancho S.** Ohio Valley Society of Plastic Surgeons – Member

National

- **DiPaola MJ.** American Association of Physicians and Surgeons (AAPS) member (2010-present)
- **DiPaola MJ.** American Academy of Orthopaedic Surgeons (AAOS) Candidate Member (2003-present)
- **Herbenick MA.** American Orthopaedic Association, Member (2014-Present)
- **Kayanja MM.** American Association of Physicians and Surgeons (AAPS) member (2010-present)
- **Kayanja MM.** American Academy of Orthopaedic Surgeons (AAOS) Candidate Member (2003-present)
- **Krishnamurthy AB.** Chair, Orthopedic Surgery Surgical Advisory Board, National Surgery Office
- **Krishnamurthy AB.** President Association of VA Orthopedic Surgeons
- **Krishnamurthy AB.** Access Academy-Co-Chair
- **Krishnamurthy AB.** Specialty Care Collaborative Co-Director
- **Krishnamurthy AB.** Steering Committee Member, Faculty and Planning Committee Member, Clinic Management Training VACO
- **Krishnamurthy AB.** Chair, Power Tools IPT, VACO
- **Laughlin RT.** Member, Council of Orthopaedic Residency Directors, American Orthopaedic Association, 2009-Present
- **Laughlin RT.** Member, Education Committee, Mid-America Orthopaedic Association, 2011-2014
- **Laughlin RT.** Member, Resident Lecture Series Subcommittee, American Orthopaedic Foot & Ankle Society, 2011-Present
- **Mancho S.** American Society of Plastic Surgeons – Member
- **Mancho S.** American Cleft Palate Association
- **Mancho S.** American College of Surgeons
- **Mancho S.** American Medical Association
- **Prayson MJ.** Fellowship Committee, Orthopaedic Trauma Association, Member, 2012-2015.
- **Venkatarayappa I.** Member of Royal College of Surgeons, Edinburgh, UK; 2006-present
- **Venkatarayappa I.** Nominated Alpha Omega Alpha Resident member, Alpha Omega Alpha honor Medical Society; 2013-present

Other

- **Binski JC.** Fellow, American Academy of Orthopaedic Surgeons, 1979-Present
- **Binski JC.** Member, American Association of Hip & Knee Surgeons, 2009-Present
- **Binski JC.** Faculty, AO/ASIF Alumni Association, 1989-Present
- **Binski JC.** Member, Dayton Orthopaedic Society, 1984-Present
- **Binski JC.** Member, International Congress for Joint Reconstruction, 2012-Present
- **Binski JC.** Member, Limb Lengthening & Reconstruction Society, 1991-Present
- **Binski JC.** Member, Montgomery County Medical Society, 1991-Present
- **DiPaola MJ.** Dayton Orthopaedic Society, Member (2010-present)
- **DiPaola MJ.** Member Cornell BioPharma Network (2008-present)
- **DiPaola MJ.** Chair, Communications Committee, Cornell Football Association (2007-present)
- **DiPaola MJ.** Cornell University Ivy Society (2006-present)
- **DiPaola MJ.** Cornell Alumni Admission Ambassador Network (CAAAN) (2003-present)
- **DiPaola MJ.** Cornell Medical College Alumni Association (2003-present)
- **DiPaola MJ.** Cornell University, Cornell Medical College and Cornell Tradition Scholarship Development and Cornell University Scholarship Campaign Student and Alumni Representative (1997-present)
- **DiPaola MJ.** Cornell Football Association (1998-present)
- **DiPaola MJ.** Lead Writer: Orthopedics Today “Ortho Apps” column, Reviewing orthopedic-related applications for mobile devices. (2012 – present)
- **DiPaola MJ.** Writer: iMedical Apps blog site reviewing current orthopedic mobile device applications. (2001-present)
- **DiPaola MJ.** DiPaola MJ. Webinar with the Great Lakes Chapter of the Arthritis Foundation. Clarifying Shoulder Arthritis. August 23, 2012
- **DiPaola MJ.** DiPaola MJ. Team Physician for Madison High School Football Team, Madison, Ohio (2010-present)

- **DiPaola MJ.** DiPaola MJ. Board Member, Southern Ohio Board of Advisors, Great Lakes Chapter of the Arthritis Foundation (2012-present)
- **Ellis CJ.** WSU BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Marketing/ Website Subcommittee, Chair
- **Ellis CJ.** WSU BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Finance Subcommittee
- **Ellis CJ.** WSU BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Sports Subcommittee
- **Ellis CJ.** Review sports articles for www.beginnertriathlete.com
- **Ellis CJ.** AMSSM physician writer for question at www.beginnertriathlete.com
- **Herbenick MA.** WSU, BSOM, Dept of Orthopaedic Surgery Sports Medicine & Rehabilitation, Sports Subcommittee
- **Herbenick MA.** WSU, BSOM, Dept of Orthopaedic Surgery Sports Medicine & Rehabilitation, Marketing & Website Subcommittee
- **Herbenick MA.** Physician Engagement Committee (2014-Present)
- **Herbenick MA.** Attend monthly MVH Director of Medical Education meetings
- **Herbenick MA.** Attend monthly GMEC meetings
- **Herbenick MA.** Attend annual CORD meeting
- **Herbenick MA.** Educational revisions and updating to systems-based curriculum
- **Johnson RM.** Dayton Plastic Surgery Society – Founder/Member
- **Laughlin RT.** Science Fair Judge, St. Luke School, 2007-Present
- **Laughlin RT.** Science Fair Judge, Carroll High School, 2012-Present
- **Lawless MW.** WSU BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Sports Subcommittee, Chair
- **Lawless MW.** WSU BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Marketing/Website Subcommittee
- **Rubino LJ.** WSU, BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Sports Subcommittee
- **Rubino LJ.** WSU, BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Finance Subcommittee
- **Rubino LJ.** WSU, BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Marketing / Website Subcommittee
- **Rubino LJ.** WSU, BSOM, Dept of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Section of Orthopaedic Trauma Subcommittee
- **Rubino LJ.** AANA complications study participant
- **Rubino LJ.** MVH Sports Medicine Council member
- **Venkatarayappa I.** Candidate member of American Academy of Orthopaedic; 2008-present

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Patient Care Summary

[If applicable. Include number of ambulatory visits, hospitalizations, surgeries, new techniques or programs developed; new collaborations.]

- **Barnett MD.** Miami Valley Hospital, Private Practice – 1 ½ days/week
- **Barnett MD.** Miami Valley Hospital, Surgery – 1 ½ days/week
- **Barnett MD.** Miami Valley Hospital South practice – 1 days/week
- **Barnett MD.** Miami Valley Hospital South, Surgery – 1 days/week
- **Barnett MD.** Atrium Medical Center, Private Practice – 1 day/week
- **Barnett MD.** Atrium Medical Center, Surgery – 1/2 day/week as needed

- **Binski JC.** Wright State Orthopaedics patient clinic: Wednesday and Friday
- **Binski JC.** Surgery – Miami Valley Hospital: Monday, Tuesday, and Thursday
- **Binski JC.** Five Rivers Medical Surgical Clinic: Monthly
- **Binski JC.** Trauma and General call/Miami Valley Hospital: Regularly/monthly schedule
- **Binski JC.** Orthopaedic Group call: Regularly/monthly schedule
- **Binski JC.** Miami Valley Hospital: Active Staff
- **Binski JC.** Kettering Medical Center: Active Staff
- **Binski JC.** Children’s Medical Center: Active Staff

- **DiPaola MJ.** Dayton VA Medical Center Surgery – 2-3 day/week
- **DiPaola MJ.** Atrium Medical Center, Private Practice – 1 day/week
- **DiPaola MJ.** Atrium Medical Center Surgery – .5-1.0 day/week as needed
- **DiPaola MJ.** Miami Valley Hospital, Private Practice – .5 days/week
- **DiPaola MJ.** Miami Valley Hospital Surgery – as needed
- **DiPaola MJ.** Bidwell Surgery Center – as needed
- **Ellis CJ.** WSP MOB Office, (4) ½ days/week
- **Ellis CJ.** Wright State Athletic Dept (2) ½ days/week

- **Herbenick MA.** Miami Valley Hospital, Private Practice – 1 day/week
- **Herbenick MA.** Miami Valley Hospital Surgery – ½ day/week as needed
- **Herbenick MA.** Miami Valley South office – 1 ½ day/week
- **Herbenick MA.** Miami Valley South Surgery – 2 ½ days/week as needed
- **Herbenick MA.** WSP MOB office – ½ day/week
- **Herbenick MA.** Weekly UD training room and injury clinics

- **Johnson RM.** Active clinical practice in general plastic surgery, microsurgery, hand and burn reconstruction.
- **Johnson RM.** Establishing aesthetic practice at Transforming Techniques Medical Spa.
- **Kayanja MM.** Atrium Medical Center, Private Practice – .5 day/week
- **Kayanja MM.** Miami Valley Hospital, Private Practice – 1 days/week
- **Kayanja MM.** Miami Valley Hospital Surgery – as needed
- **Kayanja MM.** Wright State Physicians Health Center, Private Practice – .5 day/week
- **Kayanja MM.** Miami Valley Hospital, Specialty Clinic - .5 day/month
- **Laughlin RT.** Wright State Orthopaedics Patient Office – Apple Street (1 day/week)
- **Laughlin RT.** Wright State Orthopaedics Patient Office – Health Center (1 day/week)
- **Laughlin RT.** Miami Valley Hospital Surgeries (2.5 days/week)
- **Laughlin RT.** Miami Valley Hospital Trauma & General Call (3 days/month)
- **Laughlin RT.** Five Rivers Medical Surgical Clinic (1/2 day every 2 months)
- **Laughlin RT.** South Surgery Center, LLC (2 half days/month)

- **Lawless MW.** Veterans Administration Medical Center – 1 ½ day/week
- **Lawless MW.** Veterans Administration Medical Center, Hand Clinic – 1 day/month
- **Lawless MW.** Miami Valley Hospital, Private Practice – ½ day/month
- **Lawless MW.** Miami Valley South PHP – 1 day /week
- **Lawless MW.** Miami Valley Hospital Surgery – 1 day/week/month as needed
- **Lawless MW.** Miami Valley South Center – 2 days/month as needed
- **Lawless MW.** Indian Ripple – ½ day/week
- **Lawless MW.** WSP MOB – ½ day/week

- **Mancho S.** Active clinical practice in craniomaxillofacial at Children's Medical Center, general plastic surgery, microsurgery, and hand.
- **Mancho S.** Establishing aesthetic practice at Transforming Techniques Medical Spa.
- **Prayson MJ.** 421 surgical cases performed in 2014.
- **Prayson MJ.** Director of Trauma – Miami Valley Hospital (2004-Present).
- **Prayson MJ.** Director of Orthopaedic Medical/Surgical Clinic – Miami Valley Hospital (2004-Present)
- **Prayson MJ.** MVH Clinical Practice
- **Prayson MJ.** MVH Fracture Clinic
- **Rubino LJ.** Miami Valley Hospital, Private Practice – 2 days/week
- **Rubino LJ.** Miami Valley Hospital Surgery – 1 day/week
- **Rubino LJ.** Miami Valley Hospital South Surgery – 3 days/month as needed
- **Rubino LJ.** Atrium Medical Center, Private Practice – 1 day/week
- **Rubino LJ.** Atrium Medical Center Surgery – 1 day/week as needed
- **Rubino LJ.** Bidwell Surgery Center – 1 day/week as needed
- **Rubino LJ.** Miami Valley South, PHP office – 1 day/week
- **Rubino LJ.** WSP, MOB office – ½ day/ week
- **Venkatarayappa I.** Miami Valley Hospital Surgery – 2 days/week as needed
- **Venkatarayappa I.** Miami Valley Hospital, Private Practice – 1 day/week
- **Venkatarayappa I.** Atrium Medical Center – ½ day/week

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Honors and awards [Faculty or staff]

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- **Herbenick MA.** Recipient, Wright State University School of Medicine Teaching Award given by graduating residents (June 2014)
- **Prayson MJ.** Research Manuscript/3rd Place Award, Ohio Orthopaedic Society, May 2014.

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Hosted events [CME, etc.]

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- Monthly patient education sessions on orthopaedic topics at Wright State Physicians Health Center.
- Annual Orthotics & Prosthetics Course
- Dayton Orthopaedic Society Visiting Professors – Spring & Fall
- Resident Research Day
- Graduation
- Sports Medicine Symposium

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Other information

- **Johnson RM.** Enrolled at Wright State University Graduate School in the MPH program.
- **Laughlin RT.** Director, Foot & Ankle Center, Miami Valley Hospital, 2008-Present
- **Laughlin RT.** Member, AO North America, 2002-Present
- **Laughlin RT.** Member, Alpha Omega Alpha Medical Honor Society, 2003-Present
- **Laughlin RT.** Fellow, American Academy of Orthopaedic Surgery (AAOS), 1997-Present
- **Laughlin RT.** Fellow, American College of Surgeons (ACS), 1992-Present
- **Laughlin RT.** Member, American Orthopaedic Association (AOA), 2007-Present
- **Laughlin RT.** Member, American Orthopaedic Foot & Ankle Society (AOFAS), 1997-Present
- **Laughlin RT.** Member, Orthopaedic Trauma Association (OTA), 1998-Present
- **Laughlin RT.** Member, Pedorthic Footwear Association, 1999-Present
- **Laughlin RT.** Member, G.W.N. Eggers Society, 1994-Present
- **Laughlin RT.** Member, Mid-America Orthopaedic Association, 2000-Present
- **Laughlin RT.** Member, Notre Dame Orthopaedic Society, 1994-Present
- **Laughlin RT.** Member, Ohio Orthopaedic Society, 1994-Present
- **Laughlin RT.** Member, Southern Illinois University, 1993-Present
- **Laughlin RT.** Member, Vernon Nickel-Rancho Los Amigos, 1992-Present
- **Laughlin RT.** Member, Dayton Orthopaedic Society, 1994-Present
- **Laughlin RT.** Member, Montgomery County Medical Association, 1997-Present
- **Laughlin RT.** Member, Wright State University Heritage Society, 2006-Present
- **Laughlin RT.** Director, Foot and Ankle Service, Wright State Orthopaedics, 1994-Present
- **Laughlin RT.** Practicing Member, South Surgery Center, LLC, 2011-Present
- **Mancho S.** Three active projects: Looking at bilateral condylar neck fracture management and resident training; looking at optimal mandibular distraction length in PRS; ASC's and various bone scaffold.
- **Prayson MJ.** Wright State University Boonshoft School of Medicine
 - o Orthopaedic Trauma Fellowship Director 2006-Present
 - o Director of Orthopaedic Trauma 2004-Present
 - o Vice Chairmain 2008-Present
 - o Professor 2009-Present
- **Prayson MJ.** Professional Memberships
 - o Alpha Omega Alpha Honor Medical Society - Zeta Chapter of Northeastern Ohio Universities College of Medicine. Member 1988-Present.
 - o American Academy of Orthopaedic Surgeons (AAOS). Fellow 1999-Present.
 - o American Orthopaedic Association. Active Member 2007-Present.
 - o AO/ASIF. Faculty 1996-Present.
 - o Collaboration for Outcome Assessment in Surgical Trials (COAST). Member 2006-Present.
 - o Dayton Orthopaedic Society. Member 2004-Present.
 - o Mid-America Orthopaedic Association. Member 2007-Present.
 - o Ohio Orthopaedic Society. Member 2004-Present.
 - o Orthopaedic Trauma Association (OTA). Active Member 1999-Present.
 - o The Science of Variation Group (SVG). Member 2009-Present.
- **Rubino LJ.** Independent Medical Evaluator
- **Rubino LJ.** Expert medical case reviewer