

Department of Orthopaedic Surgery

Fall 2021 Newsletter

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Message from the Chair



Diversity and Inclusion in the Department of Orthopaedic Surgery

Colleagues,

As many of you are aware, the department embarked on an initiative to explore our culture of diversity and inclusion. An academic enterprise that prides itself on innovation and discovery can only truly thrive with a culture of openness where a broad spectrum of viewpoints and experiences meld to fuel advancements in clinical care, education, research, and our business model.

While diversity efforts can be readily quantifiable, the measurement of an inclusive culture is more challenging and more important if we are to increase diversity in orthopaedics. Sometimes it is easier to identify examples of non-inclusive cultures and work environments than to define or understand what it

takes to build an inclusive culture. In my mind an inclusive culture embodies respect, equity, and enthusiasm that allows for the successful integration of people from diverse backgrounds. Each of those concepts is essential. Inclusion begins with a respect for the viewpoints and beliefs of all. We come to our work environment from different places and see the world through different lenses. We need to welcome the novel experiences and vision that each of us has.

Equity can take many forms and we are continually identifying new ways in which it can manifest including pay equity, opportunity equity, and justice. The COVID pandemic has revealed profound socioeconomic factors that impact people's ability to function in the workplace. True equity must acknowledge and address disparities in childcare, transportation, and wellness that impact an employee's ability to go to work and perform at their best. Enthusiasm is the undefinable emotional element that gives us a sense of belonging and acceptance. It is a critical element of an inviting and warm workplace that helps you want to get up and go to work every day. It is what makes a difference in our emotional wellbeing and sense of belonging. We have made targeted efforts to enhance diversity but we wanted to explore the culture of the department and ensure we were a place that welcomed uniqueness and individualism. The only way to sustainably enhance the diversity of our department is to establish a culture that embraces it.

The challenge of enhancing the diversity of the department is real. Orthopaedics has traditionally been one of the least diverse specialties, with less than 5% underrepresented minority and less than 15% women. A tremendous amount of emphasis has been placed on improving the diversity of the orthopaedic workforce. To improve diversity the AAOS understands that we must alter the historical perception of our profession and identify and nurture students from diverse backgrounds. We are proud of our efforts to enhance diversity in the department through targeted faculty and resident recruitment efforts and investments in student pipeline programs. Diversity for the department faculty is not restricted to race, gender, or ethnicity, but also includes different training resulting in the introduction of novel ways of approaching the problems we face.

Since 2016, our faculty hires have included 35% female and > 50% who trained at other institutions. Our residency currently has ~15% underrepresented minorities and ~15% women which exceeds historical levels and is consistent with more current trends. We are doing only slightly better at the staff level with 14.5% of our workforce from underrepresented groups. Our goal for FY22 is that at least 21.5% of staff hires will be from underrepresented groups. While we are proud of our efforts to diversify our faculty and staff, further work is needed to enhance the representation of underrepresented minorities and we continue those efforts in earnest.

Our efforts to explore our culture were simple. Michelle and I set up voluntary interviews with each person of color in the department and asked them to reflect on the following questions.

1. Do you feel the department provides an inclusive environment for all?
2. Have you personally experienced microaggressions, overt racism, or inequity as a member of the department or institution?
3. Do you think the department does enough to promote the professional and personal success of people of color?
4. Are there things we can do differently, or do you have suggestions on how to promote a more inclusive, anti-racist environment to work in?

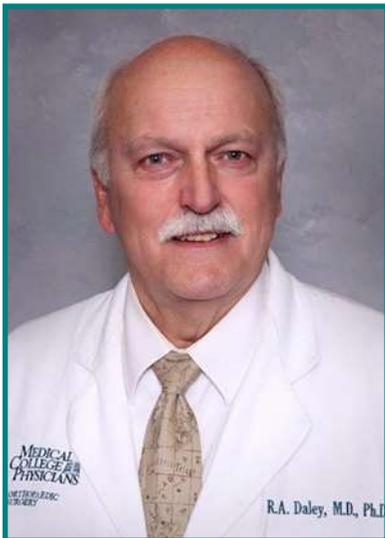
We were heartened by what we heard from our employees. To a person they felt they were treated equally and felt a sense of inclusion with the department. The feedback came from diverse work environments including our sports medicine clinic, Children's, and our adult practice and department. We appreciated the heart-felt honesty expressed by all and the suggestions made to continue to improve our culture including ensuring that our employees are made aware of internal job postings they may be interested in. We should all take tremendous pride in the culture we have created at MCW Orthopaedics. Our candid conversations inspired us to continue to work toward the most inclusive culture possible and to ensure we are doing everything we can as a department and as leaders to enhance diversity, equity, and inclusion within our workforce. As next steps in our ever-evolving journey we will explore establishing an Equity, Diversity, and Inclusion Committee within the department. We encourage members from all areas of the department to participate and contribute to a nurturing, inclusive and anti-racist environment for all. I also request that each and every one of you ask yourselves the same questions above and reach out to Michelle or myself if you want to share any personal thoughts or reflections. Finally, we ask that you do your part to help promote an inclusive culture and celebrate the differences we bring to the table with an enthusiastic heart!

David M. King



Chairman and Paul A. Jacobs, MD
Professor in Orthopaedic Surgery

Remembering our friend and mentor, Dr. Roger Daley



The Department of Orthopaedic surgery mourns the loss of Dr. Roger Daley, long-time Hand and Upper Extremity Division Director and cherished mentor and friend to so many of us.

Dr. Roger Daley joined the Orthopaedic Department at the Medical College of Wisconsin in 1992 after completing his fellowship in hand, upper extremity, and microvascular surgery at Rhode Island Hospital. Shortly after joining the department, he became an invaluable member of the Hand and Upper Extremity Division, assuming not only the role of Division Director but also being named co-director of our Hand Surgery Fellowship Program in 2002. Over the years, he was involved in various Medical College and Froedtert Hospital Committees. From 1996 to 2003, Roger served as Chief of Orthopaedic Surgery at the Zablocki VA Medical Center and was the Medical Director of the Department's Microsurgery Laboratory from 1996 to 2013. In 2013, he was given an adjunct appointment as Professor in Plastics Surgery and was awarded full adjunct Professorship in the Biomedical Engineering Program and a Professorship in the Orthopaedic and Rehabilitation Engineering Center at Marquette University.

Dr. Daley earned several research grants over the years and was well-published in numerous peer-reviewed and nonpeer-reviewed publications. He presented his research on many occasions locally, nationally, and internationally and was a very active contributor on several continuing medical education platforms.

Dr. Daley's commitment to the continuing growth of the Hand and Upper Extremity Program and the education and training of our medical students, residents, and fellows is evidenced by the number of initiatives he developed or was involved in over the years. He fulfilled his dream of establishing a comprehensive hand and upper extremity fellowship, which flourished under his guidance and leadership. He envisioned partnering with our community colleagues, Dr. Rick Papandrea and Dr. Dean Ziegler, and was fortunate to recruit Dr. Steven Grindel to create a truly unique experience. Dr. Daley's passion inspired a talented new generation of orthopaedic surgeons to follow in his footsteps. We have been lucky to recruit three exceptional junior hand and upper extremity faculty, Dr. Cameron Best, Dr. Anthony LoGiudice, and Dr. Jessica Hanley, all of whom received training under Roger's tutelage and continue his legacy. Dr. Daley retired from his clinical practice in 2020 but continued supporting the department's educational and research efforts.

Dr. Daley was known and loved not only for his wit and wisdom, but for his genuine interest and affection for the people in his life – colleagues, patients, students, and of course, his family. These things made Dr. Daley an outstanding physician, educator, and friend and are qualities that have inspired countless learners throughout his career. He has left a deep and lasting imprint on our Department and on the field we all love.

Dr. Daley passed away on Saturday, June 12, 2021. Our thoughts and prayers are with his family.

Donations may be made to:

The Roger A. Daley Hand and Upper Extremity Surgical Education Fund
Medical College of Wisconsin
Attn: Office of Institutional Advancement
P.O. Box 26509
Milwaukee, WI 53226-0509

Welcome New Faculty



Francis Florez, MD

Dr. Francis Florez joined the department on July 1st. Dr. Florez attended medical school at Case Western Reserve University. He completed his residency in Orthopaedic Surgery and his fellowship in Adult Reconstruction at University Hospitals Case Medical Center in Cleveland, Ohio. Dr. Florez has thirty years of experience in Orthopaedic Surgery, most recently practicing at Mercy Health in the Cincinnati area.

Elizabeth Harkin, MD

Dr. Elizabeth Harkin joined the Trauma division on September 1st. Dr. Harkin's interest in the treatment of orthopaedic injuries began during her soccer career at Arizona State University, where she earned All-American honors and became a FIFA gold medalist with the U.S. National team. Dr. Harkin received her M.D. at the Georgetown University School of Medicine. She completed her residency at Loyola University Medical Center in Chicago and obtained advanced fellowship training from the R Adams Cowley Shock Trauma Center.



Yuka Kobayashi, DO

Dr. Yuka Kobayashi joined the Sports Medicine Division on October 4th. Dr. Kobayashi returns to MCW after having completed her residency with ALL Saints in 2018 and the Sports Medicine Fellowship in 2019. She spent the last two years as a Sports Medicine Physician with Oregon Health and Science University. Dr. Kobayashi received her D.O. from Western University of Health Science.

Welcome New Faculty



Oliver Scotting, MD

Dr. Oliver Scotting joined the F&MCW Musculoskeletal Service Line as a CP provider in February 2021. Dr. Scotting attended medical school at the University of Cincinnati and completed his residency in Orthopaedic Surgery at Henry Ford Hospital in Detroit, Michigan. He completed a fellowship in Adult Reconstruction at the Cleveland Clinic. Dr. Scotting sees patients at Mequon Health Center and the Orthopaedic, Sports and Spine Center.

Connor Sullivan, MD

Dr. Connor Sullivan joined the Hand and Upper Extremity Division on September 1st. Dr. Sullivan received his M.D. at the University of Buffalo School of Medicine. He completed his residency at Albany Medical College and obtained his fellowship training at the University of California, Irvine Medical Center.



Welcome New Providers



Patrick Halbach, PA-C

Patrick joined the Foot and Ankle division on August 9th. Patrick will be working with Dr. Jonathan Kraus and Jamie Silkey, PA-C. Patrick comes to us from the University of Minnesota Medical Center where he was a lead APP. Patrick received his Masters in Physician Assistant Studies from Marquette University and holds

a Masters in Science from the University of Wisconsin—Madison.



Mark Mueller, APNP

Mark joined the Spine Surgery team on October 4th, where he will be working with Dr. Brandon Rebholz and Jami Hellmer, APNP. Mark received his Master's degree in Nursing Practice at Concordia University in 2017 and has been working for the last three years with MCW's General Neurology

clinic in Menomonee Falls. He previously worked as a Registered Nurse in the Neuro ICU at St. Luke's Hospital.



Megan Perinovic-Johnson, PA-C

Megan started with the Pediatric division on October 1st. She will be working with Dr. Jessica Hanley in pediatric hand surgery as well as providing pediatric general access fracture care. Megan received her Masters in Physician Assistant Studies at the

University of Wisconsin—Madison in May of 2020.



Hannah Bridgeland, APNP

Hannah joined the department on September 1st as the 2021-22 APP Fellow and will be working in the Trauma division. Hannah received her Doctor of Nursing Practice from the University of Washington, Seattle and her Bachelor of Science in Nursing from Bradley University.

As a registered nurse, Hannah has worked in a variety of areas including the intensive care unit, interventional spine procedure unit and the recovery room.

Welcome New Providers and Staff



Sara Arndt, APNP

Sara joined Froedtert Menomonee Falls on November 29th, where she will be working with the outstanding team of inpatient APPs supporting our faculty at FMF. Sara previously worked at Froedtert Orthopaedics as a Clinical Nurse Specialist. Sara received her

Masters of Science in Nursing from the University of Cincinnati and her Bachelors in Nursing from Cardinal Stritch University.



Elliot Simon, PA-C

Elliot joined OSSC and Ortho Now on November 29th, where he will be working primarily with Dr. Scott Hicks. He spent the last six years with Froedtert South – Kenosha Orthopaedics, working alongside Dr. James Shapiro. Elliot received his Master of Medical Science – Physician Assistant Studies from Northwestern University,

College of Health Sciences and his Bachelor of Science: Kinesiology – Athletic Training from the University of Wisconsin-Madison.



Brooke Baumgart, RN

Brooke joined the department in December 2020 as a nurse for Sports Medicine. Brooke previously worked as an OR nurse at St. Joseph's Hospital in Milwaukee. Brooke received her Bachelor of Science in Nursing from the University of Wisconsin—Milwaukee. Brooke will be working with

Dr. William Raasch and his team.



Chad Henneberry

Chad joined the Sports Clinic on November 15th as an Athletic Trainer. Chad brings fourteen years of experience as an Athletic Trainer with the University of Wisconsin—Milwaukee, having worked primarily with the Baseball, Women's Soccer, and Cross-Country programs. Chad received his Bachelor of Science in Athletic Training from the University of Wisconsin—Milwaukee.

Chad received his Bachelor of Science in Athletic Training from the University of Wisconsin—Milwaukee.

Welcome New Staff



Michelle Bentley

Michelle joined the department in October 2020 as an Insurance Coordinator for the Adult practice. Before joining MCW, Michelle worked in the dental field for over ten years.



Nick Giebel, PhD

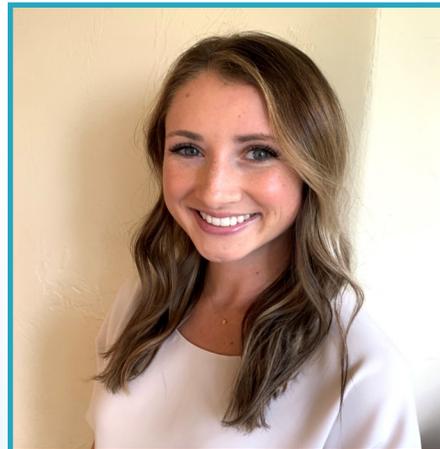
Nick joined the department in October 2020 as a Clinical Research Coordinator. Nick has a strong research background in both clinical device and lab research. Before joining MCW, Nick worked as a Clinical

Research Coordinator in pain management. Nick received his Bachelor of Science in Chemistry from the University of Wisconsin—Milwaukee and a PhD in Biomedical Sciences from the Medical College of Wisconsin.



Anita Hinton

Anita joined the Sports Medicine Program in July 2021 as a Patient Relations Representative. Anita brings many years of customer service, the most recent with Versiti Blood Center of Wisconsin.



Meaghan Holub

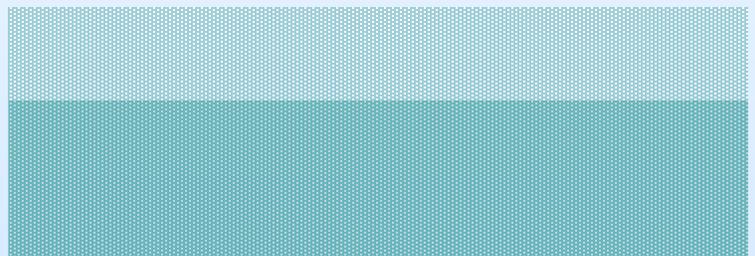
Meaghan joined the Research team in the summer of 2021 as a Clinical Research Assistant. Meaghan graduated from the University of Wisconsin—Madison with a B.S. in Kinesiology - Exercise Movement Science and brings

previous research experience through the UW Undergraduate Research Scholars Program.



Chris Pokora

Chris joined the department in the fall of 2020 as a Financial Assistant II. She previously worked for Sun Chemical Corporation as a Material Requirements Planning Controller.



Education Updates

Welcome New Residents



Christopher Coon, MD
Medical College of Wisconsin
Milwaukee, WI



Andrew Kleven, MD
Medical College of Wisconsin
Milwaukee, WI



Matthew LaPrade, MD
Medical College of Wisconsin
Milwaukee, WI



Taylor Loeffler, MD
Medical College of Wisconsin
Milwaukee, WI



Jonathan Rasio, MD
University of Illinois, College of Medicine
Chicago, IL

Education Updates

Congratulations, Student Award Winners!

The Department of Orthopaedic Surgery congratulates
Garrett Berger and Andrew Kleven as this year's Medical Student Award Winners!

Andrew Kleven

Walter P. Blount Award

The Walter P. Blount Award for Orthopaedics is given in honor of Dr. Blount, former Chair of the Department of Orthopaedic Surgery, to the senior medical student who has demonstrated unusual interest and talent in comprehending musculoskeletal disease and injury during the senior orthopaedic rotation.



Garrett Berger

Bruce J. Brewer, MD
Endowed Student Award

The Bruce J. Brewer, MD Endowed Student Award at the Medical College of Wisconsin is awarded by the Department of Orthopaedic Surgery to the most outstanding graduating senior medical student who plans to pursue a career in Orthopaedic Surgery. Kathryn Brewer (Mrs. Bruce Brewer) established the Bruce J. Brewer, MD Endowed Student Award Fund in December of 1999 to be first awarded for the academic year 2000-2001.

Andrew joined the Department of Orthopaedic Surgery at the Medical College of Wisconsin this July for his residency. Garrett will be completing his residency in Orthopaedic Surgery at the University of California San Diego Health.

Education Updates

Resident Awards

2021-22 Chief Resident



Dr. Rachel Lenhart

Dr. Rachel Lenhart was selected as the 2021-22 Administrative Chief Resident. Dr. Benjamin Knight was the recipient of the second highest number of votes. Dr. Lenhart and Dr. Knight were nominated to attend the AOA C. McCollister Evarts Leadership Forum in Albuquerque, New Mexico this past summer. Dr. Lenhart was also awarded the Resident Orthopaedic-in-Training examination Achievement Award, which is awarded to the resident who achieved the highest 2020 OITE Score in the program. Congratulations to Dr. Lenhart and Dr. Knight!



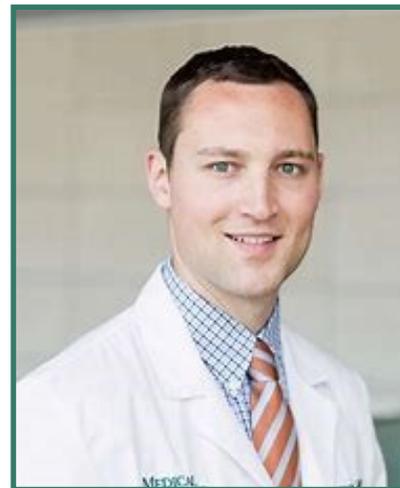
Dr. Benjamin Knight



Dr. Austin Middleton
Research Paper Award

Dr. Austin Middleton received the Best Research Paper Award for his research paper, *"Association Between Nonsurgical Weight Loss from BMI>40 to BMI<40 and Complications and Readmissions following Total Hip Arthroplasty."* Dr. Middleton's paper was recently published in the Journal of Arthroplasty. Congratulations, Dr. Middleton!

John S. Gould Scientific Day Research Awards



Dr. Alexander R. Graf
Research Award

Dr. Alexander R. Graf received the Outstanding Research Award for his research study: *"Does early clavicle fixation improve pulmonary outcomes following blunt chest trauma? A 10-year retrospective review from a Level 1 Trauma Center."* Congratulations, Dr. Graf!

Education Updates

Congratulations, Graduates!



Justin D. Bric, MD

Dr. Justin Bric will be completing a one-year fellowship in Hip & Knee Reconstruction at the University of Florida.

Alex R. Graf, MD

Dr. Alex Graf will be completing a one-year Hand & Upper Extremity Fellowship at Emory University in Atlanta, Georgia.

Derek M. Parshall, MD

Dr. Derek Parshall will be completing a one-year Sports Medicine & Shoulder Fellowship with the University of Minnesota/TRIA Orthopaedic Center in Bloomington, Minnesota.

Patrick J. Reardon, MD

Dr. Patrick Reardon will be completing a one-year Sports Medicine Fellowship at Vanderbilt University Medical Center in Nashville.

Michael J. Ziegele, MD

Dr. Michael Ziegele will be completing a one-year Adult Reconstruction Fellowship at the University of Louisville in Kentucky.

Michelle Bartzen, PA-C

Michelle Bartzen, PA-C finished her APP Fellowship in October 2021 and plans on continuing her career in Orthopaedic Surgery.

Rachel Cohen Shohet, MD

Dr. Rachel Cohen Shohet anticipates a career in private practice.

Ferass Qawasm, MD

Dr. Ferass Qawasm will be completing a one-year shoulder and elbow fellowship at Montefiore Hospital in New York. He will then head back to Jerusalem where he plans to work as a shoulder and elbow surgeon in Israel and Palestine.

Rob C. Vercio, MD

Dr. Rob Vercio joined Puget Sound Orthopaedics in Gig Harbor, Washington.

S. Shawn Yaro, MD

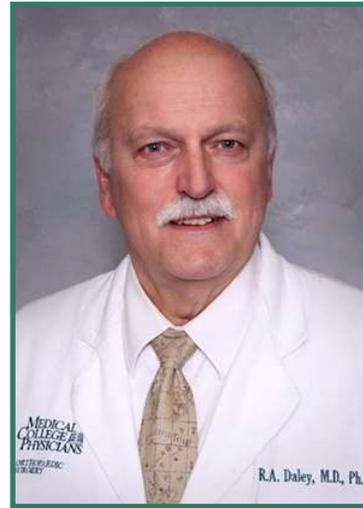
Dr. Shawn Yari joined Baylor Scott and White Health - McKinney in the Dallas, Texas area.

Teaching Awards

Congratulations, Teaching Award Winners!

Distinguished Professor Speaker Award

Shao-Min Shi, MD and Roger A. Daley, MD, PhD



Michael C. Collopy, MD, Excellence in Clinical Teaching Award (*Outstanding Clinical Professor*)

Adam Wooldridge, MD



Jeffrey P. Schwab, MD, Excellence in Academic Teaching Award (*Outstanding Faculty Teacher*)

Chad Beck, MD



Advance Practice Provider Excellence Award

Stephanie Ludtke, PA-C

Awards were elected and presented by the 2021 graduating class

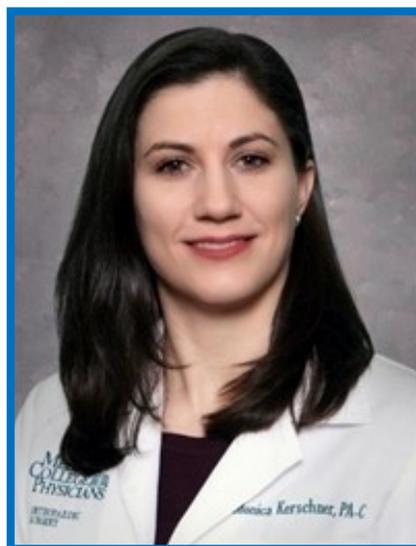
Congratulations!



The Carlie Beaudin, APNP Excellence in Professionalism Award is given to two APPs (or teams) annually. These awards celebrate the commitment to professionalism, compassion, collegiality, mentoring, and community that Dr. Biblo and Carlie Beaudin exemplified during their time with the Medical College of Wisconsin.



Keenan Horness, PA-C



Monica Ryan, PA-C



Stephanie Ludtke, PA-C

Congratulations to Keenan Horness, PA-C, Monica Ryan, PA-C, and Stephanie Ludtke, PA-C on their nominations!

Congratulations!

Employee Service Awards



Karen Gonzalez, 25 years

Amy Peters, 20 years

Heather Rivera, 20 years

Sandra McKeon, 15 years

Jacelyn Ahrens, 10 Years

Ann Draghicchio, 5 years

Marie Ellestad, 5 years

Meghan Furlow, 5 years

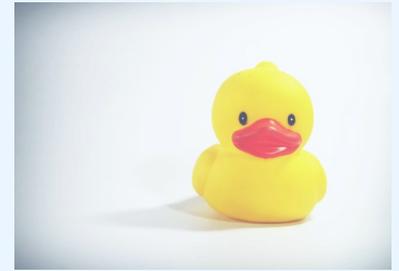
Bridget Wakefield, 5 years

Misty Wells, 5 years

Kristin Wuest, 5 years



Welcome New Family Members!



Declan James Ryan

Monica Ryan, PA-C, and Nick welcomed Declan on March 6th.



Scarlett "Scout" Tromp

Sara Tromp, NP, and Greg welcomed Scout on August 31st.



Elias Joseph Cross

Dr. Janelle Cross and Laura welcomed Elias on July 25th.



Callen Matthew Horness

Keenan Horness, PA-C, and Matthew welcomed Callen Matthew Horness.

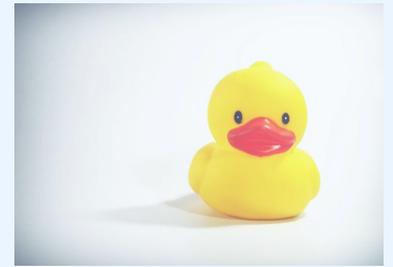


Samuel Campbell

Dr. Jonathan Campbell and his wife, Dr. Valerie Carlberg, welcomed Samuel Oliver on December 1st.



Welcome New Family Members!



Elizabeth Ann Erickson

Dr. John Erickson and Katie welcomed Elizabeth Ann on October 7th.



Maxwell Zolkoske

Dr. Alicia Zolkoske and Jon welcomed Maxwell on June 19th.



Josephine Marie

Dr. Jessica Hanley and Dr. Tony LoGiudice welcomed Josephine Marie on April 4th.



Iris Kleven

Dr. Andy Kleven and Lauren welcomed Iris on June 7th.



Clara Ann Lehman

Dr. Patrick Lehman and Mindy welcomed Clara Ann on December 3rd.



Kaliana Wenzel

Kilah Wenzel, PA-C, and Kyle welcomed Kaliana on April 13th.



Community Outreach

Secure Bridges, founded by Shayvon McCullum in 2018, is an organization with the mission to dismantle youth sex trafficking in Milwaukee. Shayvon has made a strong presence in the community, hosting 20 - 30 events for youth with many partnerships for advancements.



COVID changed the way we connected with the world, but Shayvon didn't let it stop her from supporting the youth. During their last Back to School Drive, Secure Bridges (with many donations) packaged and distributed 250 Secure Kits filled with 3 masks (per kit), hand sanitizer, gift cards and a host of hygiene products, clothes and tons of school supplies to better help our disadvantaged youth start a virtual school year off with success.



Shayvon was recognized with the 2021 MCW President's Community Engagement Award for her work with Secure Bridges.

Congratulations to Shayvon!

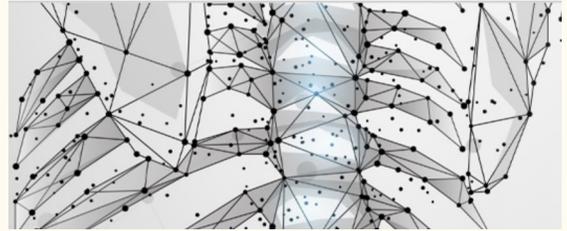
Please visit Secure Bridges on social media platforms as well as on www.securebridgesmke.com.



Department Achievements

IRSSD Virtual Meeting

The International Research Society of Spinal Deformities was rescheduled as a virtual meeting and held January 22 - 23, 2021. The meeting consisted of lectures and presentations from internationally renowned experts, poster sessions, podium presentations, and the opportunity to virtually connect with orthopaedic professional colleagues.



Dr. Xue-Cheng Liu and Dr. John Thometz served as Co-Chairs for the meeting. Dr. Brandon Rebolz was a keynote speaker, along with Dr. Patrick Cahill (The Children's Hospital of Philadelphia), Dr. Stefan Parent (Sainte-Justine Hospital), and Dr. Carol Wise (Texas Scottish Rite Hospital for Children).



Dr. Brandon Rebolz



Dr. Xue-Cheng Liu

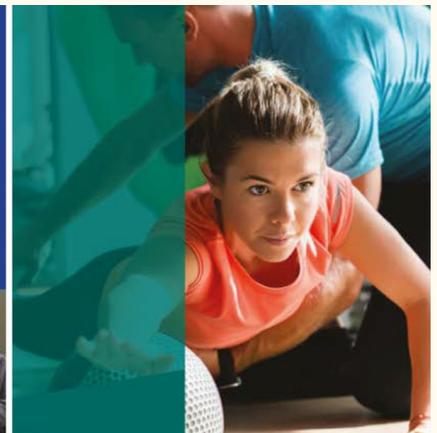
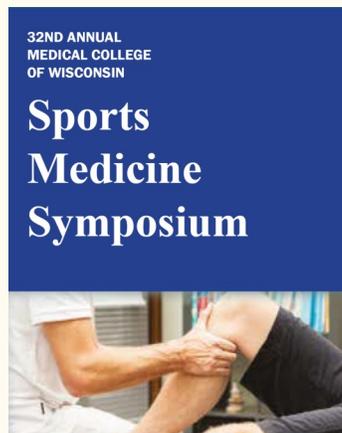


Dr. John Thometz

Virtual Sports Medicine Symposium

The 32nd Annual Sports Medicine Symposium went virtual this year.

Guest speakers included Dr. Nathaniel Jones (Loyola University), Dr. Yuka Kobayashi (University of Oregon), and Dr. Bryant Walrod (Ohio State University).





Publications and Presentations

2020

Andryk LM, Knight BT, Mickschl DJ, Grindel SI. Clinical Outcomes of Upper Extremity Ambulators Post-Reverse Total Shoulder Arthroplasty. *Seminars in Arthroplasty: JSES*, 2020; 30(4), 267-276

Middleton AH, Ziegele MJ, Vetter CS, Edelstein AI. Arthroscopic Lysis of Adhesions with Manipulation for Management of Late-Presenting Stiffness after Total Knee Arthroplasty. *Arthroplasty Today*, 2020 Aug 30; 6(4):761-765 (PMID:32923565)

Hornig JC, Van Eperen E, Tutton S, Singh R, Shaker JL, Wooldridge AN. Persistent Phosphaturic Mesenchymal Tumor Causing Tumor-Induced Osteomalacia Treated with Image-Guided Ablation. *Osteoporos Int*. 2021 Sep;32(9):1895-1898 (PMID: 33655402)

Middleton AH, Perlewitz MA, Edelstein AI, Vetter CS. Knee Arthrofibrosis following Tibial Plateau Fracture Treated with Arthroscopic Lysis of Adhesions with Manipulation. *J Knee Surg*. 2020 Oct 27. Online ahead of print. (PMID: 33111273)

Cross JA, DeVries J, Mocarski M, Ketchum N, Compty E, Krimmer M, Fritz JM, Vetter CS. Electromyography of the Shoulder Musculature during Passive Rehabilitation Exercises. *Journal of Shoulder and Elbow Arthroplasty*. January 2020, Vol 4: 1-8

Fritz JM, Schaefer EK, Kipp K, Harris GF, Cross JA, Vetter CS. A Principal Component Analysis Investigation of Drop Landings for Defining Anterior Cruciate Ligament (ACL) Injury Risk Factors. *Biomedical Sciences Instrumentation*. 56(2), 284-291, 2020 April

Middleton AH, Ziegele MI, Vetter CS, Edelstein AI. Arthroscopic Lysis of Adhesions with Manipulation for Management of Late-presenting Stiffness after Total Knee Arthroplasty. *Arthroplasty Today*. 2020 Aug 30;6(4):761-765 (PMID: 32923565)

Kleven A, Graf A, Van Valin S. Acute Compartment Syndrome After Knee Manipulation Under Anesthesia for Post-traumatic Arthrofibrosis. *J Pediatr Orthop*. 2020;2(3)



Publications and Presentations

2021

Anighoro K, Bridges C, Graf A, Nielsen A, Court T, McKeon J, Schwab JM. From ER to OR: Results after Implementation of Multidisciplinary Pathway for Fragility Hip Fractures at a Level I Trauma Center. *Geriatr Orthop Surg Rehabil.* 2020 May 22;11:2151459320927383 (PMID: 32547814)

Xu L, Wang M, Trenga A, Grindel S, Daley R. The Ideal Insertion Site for the Flexor Digitorum Profundus Tendon in Jersey Finger Repair: A Biomechanical Analysis. *J Hand Surg Am.* 2021 May;46(5):426.31-426.36 (PMID: 33358881)

Berger GK, Graf AR, Wooldridge AN, Hackbarth DA. Complex Femoral Reconstruction Following Pathologic Subtrochanteric Femur Fracture Secondary to Paget's Disease of the Bone: A Case Report with Long-term Follow-up. *J Orthop Case Rep.* May-Jun 2020;10(3):19-22 (PMID 33954128)

Carewell, MC, Meinerz CM, Martin JM, Beck CJ, Wang M, Schmeling GJ. Systematic Review of Sacroiliac Joint Motion and the Effect of Screw Fixation. *Clin Biomech.* 2021 May;85:105368 (PMID: 33940477)

Court T, Gusho CA, Graf A, Schmeling GJ. Rare Popliteal Mass following Retrograde Nailing of Ballistic Femur Fracture: A Case Report. *OTA Int.* 2021 Feb 11;4(1);e094 (PMID 33937717)

Cross JA, Mohamud F, Meinerz C, Harris GF, Dziuk C, Fritz JM. Correlations between Plantar Pressure and Joint Kinematics in Female Recreational Runners. *Biomedical Sciences Instrumentation.* 57(2):100-105, 2021

Albeiro ML, Dziuk C, Cross JA. Analysis of Trunk Power and Joint Stresses between Professional and Collegiate Pitchers. *Biomedical Sciences Instrumentation.* 57(2):121-127, 2021

Tremblay MA, Berger GK, Kraus JC. Safety and Efficacy of Using Fracture Tables for Prosthetic Hip Dislocations. *Arthroplasty Today.* 2021 May 31;9:89-92 (PMID: 34136610)

Albiero ML, Kokott W, Dziuk C, Cross JA. Relationships between Hip Flexibility and Pitching Biomechanics in Adolescent Baseball Pitchers. *J Athl Train.* 2021 Sep 20 (PMID 34543423)

Walter MR, Hoben GM, Best CM, Daley RA. Early Experience with Locked Intramedullary Wrist Arthrodesis. *J Hand Surg Am.* 2021 Jul;46(7):620.e1-620.e6 (PMID: 33485715)

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