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iNSIGHTS

is a bi-annual newsletter published and distributed by the University of Florida Department of Orthopaedics and Rehabilitation and UF Health Orthopaedics and Sports Medicine Institute.

Questions or Comments?

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Letter from the Chair

The Department of Orthopaedics and Rehabilitation at the University of Florida continues to grow and prosper.

Since the last issue of iNSIGHTS, we have added eleven new faculty members. We welcome Drs. Ansoanuur, McGargill, Giammittorio and Montes-Chinea to the PM&R division. Drs. Reb and Neville have joined the Foot and Ankle division. Drs. Chan, Deen, Molinari, Patrick and Schoch have expanded our offerings by providing additional expertise in oncology, hand, adult reconstruction, spine, trauma and shoulder surgery.

Our Physical Medicine and Rehabilitation division continues to grow in anticipation of creating a full service inpatient and outpatient PM&R division complete with residents. We

have opened a branch clinic in Summerfield, Fla. (the Villages area) in an effort to bring outstanding care to this rapidly growing area just south of Gainesville.

The department continues to attract top talent to our residency and fellowship programs. We are proud of our graduates and wish them the best with their careers and remind them that they will forever be part of the “Gator Nation.”

Mark T. Scarborough, MD
 Chair, UF Department of Orthopaedics and Rehabilitation

Welcome New Faculty



Frieda P. Ansoanuur, MD
Assistant Professor
Physical Medicine & Rehabilitation



Nataly Montes-Chinea, MD
Assistant Professor
Physical Medicine & Rehabilitation



Chung Ming Chan, MD
Assistant Professor
Hand and Upper Extremity,
Orthopaedic Oncology



**Leaha Neville, DPM, FACFAS,
FACCWS**
Assistant Professor
Foot and Ankle



Justin Deen, MD
Assistant Professor
Adult Arthroplasty and Joint
Reconstruction



Matthew Patrick, MD
Assistant Professor
Trauma Surgery



Stephanie Giammittorio, DO
Assistant Professor
Physical Medicine & Rehabilitation,
Musculoskeletal Sports Medicine



Christopher Reb, DO
Assistant Professor
Foot and Ankle Surgery



Shawn McGargill, MD
Assistant Professor
Physical Medicine & Rehabilitation



Bradley Schoch, MD
Assistant Professor
Shoulder Surgery



William Molinari, MD
Assistant Professor
Gainesville VA Medical Center

2017 Graduating Residents

Matthew Crozier, MD

Sports Medicine Fellowship at University of Alabama, Birmingham, Alabama

Christopher Matthews, MD

Hand Surgery Fellowship, University of Indiana, Indianapolis, Indiana

Joshua Vickers, MD

Adult Reconstruction Fellowship at Emory University, Atlanta, Georgia

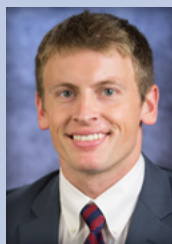
Brendan Williams, MD

Pediatric Research Fellowship at University of Florida, Gainesville



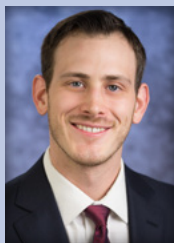
Pictured above from left to right: Brendan Williams, MD, Christopher Matthews, MD, Matthew Crozier, MD and Joshua Vickers, MD.

2017 Incoming Residents



Christian Reintgen, MD

University of Florida College of Medicine



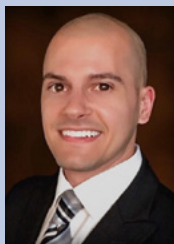
J. Parker Chapman, MD

University of Florida College of Medicine



George Richard, MD

University of South Florida College of Medicine



Jorge Gil, MD

University of Florida College of Medicine



Joining us as a PGY 2 Resident

Eric Loesch, MD

Tufts University School of Medicine

2017 Graduating Fellows



HAND
Lattisha Bilbrew, MD
Hand Surgery,
Resurgens Orthopaedics
Atlanta, Georgia



HAND
Mark Solarz, MD
Hand Surgery,
Temple University
Philadelphia, Pennsylvania



JOINTS
Justin Deen, MD
Adult Reconstruction Faculty,
University of Florida
Gainesville, Florida



SHOULDER
Larry Waldrop, MD
Shoulder Surgery,
Appalachian Orthopaedics
Johnson City, Tennessee



TRAUMA
Sunny Gupta, MD
Sports Medicine Fellowship,
Rothman Institute,
Thomas Jefferson University
Philadelphia, Pennsylvania



ONCOLOGY
Anna Cooper, MD
Orthopaedic Oncology,
Loyola University
Chicago, Illinois



ONCOLOGY
Benjamin Wilke, MD
Orthopaedic Oncology,
Mayo Clinic
Jacksonville, Florida

2017-2018 Incoming Fellows



HAND
Andrew McNamara, MD
St. Louis University
St. Louis, Missouri



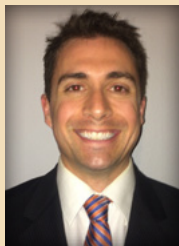
HAND
Rowan Michael, MD
Dartmouth-Hitchcock
Hanover, New Hampshire



JOINTS
Hrishikesh Gogineni, MD
Ohio State University
Columbus, Ohio



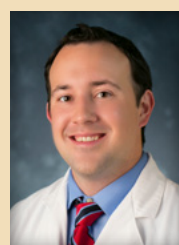
SHOULDER
Michael Priddy, MD
University of Kansas
Lawrence, Kansas



TRAUMA
Wesley Gladin, DO
Nova Southeastern University
Fort Lauderdale, Florida



ONCOLOGY
Colin Anderson, MD
University of Colorado Denver
Denver, Colorado



ONCOLOGY
Adam Wooldridge, MD
Texas Tech University
Lubbock, Texas



PEDIATRIC RESEARCH
Brendan Williams, MD
University of Florida
Gainesville, Florida

UF Health Surgeon Performs First-of-its-kind Computer-assisted Surgery in U.S. Using New Technology

Our own Dr. Thomas Wright performed the first computer-assisted shoulder replacement surgery in the U.S. using a new technology that provides real-time intraoperative feedback.

The technology, ExactechGPS® Total Shoulder Application, provides the surgeon with a real-time 3-D computer model of a patient's shoulder during surgery. It does this by combining CT scan images with data from instruments mounted with tiny infrared cameras.

The combination gives the surgeon a road map for consistent and accurate placement of glenoid implants. The technology is expected to produce more secure, durable implants with fewer complications.

The surgery was performed May 31 by Thomas Wright, MD, a UF professor and surgeon with the UF Health Orthopaedics and Sports Medicine Institute and director of the Interdisciplinary Center for Musculoskeletal Training and Research. He was assisted by Larry D. Waldrop, MD.

An identical procedure was performed on a second patient by Richard Jones, MD, of Pardee UNC Healthcare's Southeastern Sports Medicine & Orthopedics in Hendersonville, N.C., near Asheville. Since both Wright and Jones worked on the design of the technology with Exactech, a Gainesville medical device

manufacturer, they decided to share the honor of being the first in the U.S. to use the technology.

"This dramatically improves accuracy," said Wright. "It certainly allows you to place things exactly where you want to place them. I think we're probably good with the human eye to 3 to 5 millimeters. And that's surgeons who do a lot of them. But even that is not nearly as good as this technology. This thing would kill me every time. It'd be like playing against a chess champion." Wright has performed an estimated 2,500 shoulder replacement surgeries, considered a high volume for the procedure. About 100,000 Americans have shoulder replacement surgeries each year, according to Exactech. That compares with about 900,000 hip and knee replacements.

Wright said ExactechGPS will allow surgeons who typically perform fewer of these operations to place bone screws far closer to the mark.

"The biggest thing for this really will be people who don't do this operation very often who have standard deviations that are really big," Wright said. "It's kind of a hard operation. The outcome for low-volume surgeons is not predictable, whereas ours are much tighter because we do four to 10 a week. But this will help



the low-volume surgeons because then they can obtain standard deviations just like the rest of us or better."

ExactechGPS Shoulder Application has been used in Europe and Australia for the past year. But the company recently received clearance from the Food and Drug Administration to use the technology in the United States.

Exactech's software allows surgeons to virtually plan the operation using a 3-D anatomical model of the patient's shoulder with images from a CT scan. Wright noted it can be difficult to get a complete view of a patient's shoulder anatomy during the actual surgery.

But the technology allows the surgeon to guide a bone drill mounted with an infrared camera to the exact location plotted out during pre-op planning and determine drilling depth, screw placement and the ability to adjust the pre-op surgical plan, if necessary. The cameras communicate with a computer tablet that displays a digital model of the patient's shoulder,



showing a drill location like a dot on a smartphone's map app.

Wright's surgery was performed on the right shoulder of a 74-year-old Gainesville woman whose severe arthritis caused extreme pain in her joints. Wright had already performed a successful shoulder replacement on her left arm without the new technology.

The patient said she hoped the new technology would help many others in her situation, allowing for safer, more successful surgeries.

"So far, it's been good," she said of her recovery a week after the surgery. "I have to keep reminding myself to keep my arm down and not use my hand. It's been feeling good."

Wright said he hopes the technology might be adapted to other types of orthopaedic surgeries. "This is great," he said. "But this is first grade. We will eventually be able to apply it to more osseous structures once you've got a really adaptable software platform."

Enneking Society & AAOS Alumni Reception

March 17, 2017
San Diego, California



DEPARTMENT OF ORTHOPAEDICS & REHABILITATION
William F. Enneking, MD, Society

The William F. Enneking, MD Society was created in 2016 to bring UF Orthopaedics alumni and friends together on a regular basis to network, socialize, share current trends in orthopaedic surgery and support the education, research and clinical mission of the UF Orthopaedics Department. Dr. Thomas Wright is the Society's inaugural president.

The Society hosts two meetings each year. This year's Fall meeting is November 18, 2017 and will include a scientific session followed by the annual OSMI tailgate party. The Spring meeting will again coincide with the American Academy of Orthopaedic Surgeons Annual Meeting held in New Orleans in March 2018.

There are two membership levels – an Annual Membership for a donation of \$350 or a "Lifetime Membership" for a contribution of \$5,000. Contributions to the endowment are tax deductible and will support the activities of the Enneking Society and the UF Department of Orthopaedics and Rehabilitation.

To become an Enneking Society member, renew your membership or make a donation, visit www.ortho.ufl.edu/enneking-society.



2017 Residents and Fellows Graduation





2017 VISITING PROFESSOR



Michael G. Vitale, MD, MPH

Dr. Michael Vitale was invited by our chief residents to be the Department of Orthopaedics & Rehabilitation 2017 Visiting Professor.

Dr. Vitale serves as the Chief of Pediatric Spine and Scoliosis Surgery in the Department of Orthopaedic Surgery at Columbia University Medical Center. He is a highly accomplished pediatric spinal deformity researcher and a thought leader in the field of Early Onset Scoliosis. He has served as a course chairman for the annual International Pediatric Orthopaedic Symposium since 2012 and has led Quality and Safety efforts in the field of pediatric orthopaedics in both the Pediatric Orthopaedic Society of North America and the Scoliosis Research Society.



During his Visiting Professorship in April, Dr. Vitale gave the residents a morning conference and conducted a cadaver lab reviewing surgical techniques in spinal deformity surgery while sharing his favorite tips and tricks. His Grand Rounds lecture "Making Spine Better" highlighted recent efforts, many of which he has spearheaded, focused on improving the quality and safety of pediatric spine surgery. Before departing, the residents made sure to give Dr. Vitale a taste of North Central Florida with a trip to Ichetucknee Springs State Park.

Dr. Zach Stone Receives First Place Resident Research Award at 2017 FOS Annual Meeting

UF Orthopaedics resident Dr. W. Zach Stone received the 1st Place resident research award at the 2017 Florida Orthopaedic Society Annual Meeting for the study entitled, "Clinical evaluation of alpha defensin in diagnosing periprosthetic joint infection."

Congratulations to Dr. Stone, and special thanks to department faculty Dr. Hari Parvataneni, Dr. Hernan Prieto (principle investigator for this study), Dr. Chance Gray, Dr. MaryBeth Horodyski, and Dr. Richard Vlasak for their contributions.



Dr. MaryBeth Horodyski Inducted into the NATA Hall of Fame



Dr. MaryBeth Horodyski, EdD, LAT, ATC, FNATA, was recently inducted into the National Athletic Trainers' Association (NATA) Hall of Fame.



NATA is a nonprofit organization representing and supporting members of the athletic training profession. The Hall of Fame is the highest honor an athletic trainer can receive. Honorees were recognized for their significant, lasting contributions that enhance the quality of health care provided by athletic trainers and advance the profession. They have shaped the profession through their noteworthy accomplishments and dedication to service, leadership and professionalism.

MaryBeth Horodyski, EdD, LAT, ATC, FNATA, is currently the Director of Research for the Department of Orthopaedics and Rehabilitation at the University of Florida and also serves as the athletic trainer at a small private high school in Gainesville. An expert in spine-injured patient care, Horodyski has been published

more than 100 times in peer-reviewed journals and was selected as one of only five non-physicians to join the Cervical Spine Research Society. She has served in leadership roles with NATA as vice president, District Nine director, NATA Research & Education Foundation vice president and her current role as chair of the Executive Committee for Education. Additionally, she held the positions of president and secretary/treasurer for the Southeast Athletic Trainers' Association (SEATA).

Horodyski has received countless honors including the SEATA Hall of Fame, Athletic Trainers' Association of Florida Hall of Fame NATA's Most Distinguished Athletic Trainer and Athletic Trainer Service Awards and Fellow status.

Sayo Lawal Represents UF Orthopaedics at the SNMA Conference

The Student National Medical Association (SNMA), which was founded in 1964, is a nonprofit corporate association of students. This organization is committed to supporting current and future underrepresented minority medical students, addressing the needs of underserved communities, and increasing the number of clinically excellent, culturally competent and socially conscious physicians.

Dr. Sayo Lawal, a second year UF Orthopaedic Surgery Resident, participated as an exhibitor in SNMA's 2017 Annual Medical Education Conference which was held in Atlanta, Georgia from April 13th to April 16th. This event allowed both students and medical professionals to gather and attend a wide range of educational and networking events. Dr. Lawal represented the UF Department of Orthopaedics and Rehabilitation by providing the attendees information regarding the department's residency program.





Runner's Knee

Advice and guidance from Dr. Kevin Vincent, MD, PhD, FACSM, CAQSM about runner's knee (patellofemoral pain syndrome) was recently featured on Health.com. Dr. Vincent describes the basic causes of knee pain in this small excerpt from the article:

“Unlike many other bones, your kneecap floats freely, moving back and forth as you bend your leg. In a perfect world, it would travel in a straight line along the groove at the end of your thighbone, or femur.

But several factors—including muscle weakness, tightness, and imbalances—can throw off your alignment, driving the kneecap off track. The kneecap then rubs against the thighbone, causing knee pain and swelling that often worsens with activity.

Runners have a high rate of patellofemoral pain syndrome, in part because the motion of running involves bending the knee so many times. Essentially, running is a series of around 1,700 one-legged squats per mile. If you're out of alignment, that's a lot of bone-on-bone contact.”

For more information about runner's knee, including how to avoid the pain—be sure to read the full Health.com article at www.health.com/pain/runners-knee.

Protecting Children from Overuse Injuries

Dr. Jason Zaremski, MD, CAQSM, FACSM, FAAPMR recently wrote an article that was published in the *Washington Post*. The article discusses how parents can protect their children from overuse injuries in sports. From the article:

“What happened this week in my clinic is not unlike most weeks: A young boy and his mother walked in because his elbow hurt after throwing a baseball. I had a strong feeling what was going on with this 9-year-old patient.

With baseball season in full blast across the country, with millions of players practicing and playing daily year-round in youth



and travel leagues and the Little League World Series in high gear, it is important that parents and caregivers of our kids know simple ways to prevent overuse throwing injuries.

While coaches may keep a close eye on the volume of pitches thrown, lots of children may throw during sports camps, play catch with their buddies or just throw against the wall. No one is counting those pitches. With that in mind, here are

some easy suggestions for parents of children who love baseball but want to reduce the likelihood of an arm injury.”

Be sure to check out the full article on the *Washington Post's* website to learn the six valuable tips that can help parents avoid overuse injuries in their young athletes at www.ortho.ufl.edu/news/2017/08/21/how-protect-your-child-from-overuse-injuries.

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Stay Connected

Be sure to stay in touch with us!

Visit www.ortho.ufl.edu/alumni-info to update your contact information.

Gifts may be made in memory of Dr. William F. Enneking and directed to support the Orthopaedics Residency Education Fund at the University of Florida College of Medicine.

Visit www.ortho.ufl.edu/residency-education-fund



SAVE THE DATE

*Enneking Society and
UF Orthopaedics Alumni Reception*

During the AAOS 2018 Annual Meeting

MARCH 9, 2018

**Pat O's On The River
New Orleans**

**RSVP to:
events@ortho.ufl.edu**



American Academy of Orthopaedic Surgeons in...

