In This Issue

Message from the Chair .......................1
Message from the Program Director ...2
Department Additions ......................2–3
Research Department Expands ..........3–4
Visiting Professors ...........................4–5
Awards................................................5
Welcome New Residents .................6–7
Orthotics/Prosthetics Course..........6
Graduation and Symposium ..........7–9
Honors................................................10
Alumni Reception...............................11
Professional Activity ....................12–14
Faculty ...............................................15
Our Growing Families .......................15
Dayton Ortho Medical Fund ..............16

MESSAGE FROM THE CHAIR

With the recent move, the Department of Orthopaedic Surgery, Sports Medicine and Rehabilitation is—for the first time—united in both its clinical and educational departments. Our research and clinical operations continue to grow and this reorganization of space was essential to make our departments easier to manage.

I want to thank our new faculty and staff for their outstanding effort this year in making our Middletown office a success. This fall, we look forward to moving into the new hospital facility as the Atrium Hospital campus nears completion.

Starting in August, Dr. Joel Sorger, an orthopaedic oncologist will be seeing patients in our office. Dr. Sorger has been providing our residents with this orthopaedic oncology education requirement for the past four years and has agreed to develop a clinical service at Miami Valley Hospital. The department is grateful for his continued support and we look forward to working closer with this outstanding orthopaedist and educator. [See Dr. Sorger, page 2.]

Finally, the Dayton orthopaedic community was relieved to hear that Dr. Pompe Van Meerdervoort underwent successful lung transplantation surgery. At last report, he is home and recuperating well. We all hope to see Dr. Pompe and Minnie at the annual reunion in San Francisco during the 75th annual academy meeting.

—Lynn A. Crosby, M.D.

Send Us Your News

We want to put you in next year’s issue of ORTHOPAEDIC NEWS. Tell us about your career updates, honors, awards, publications, and personal highlights. Please send your information to: julie.knauff@wright.edu or fax to: 937-208-6141, ATTN: Julie Knauff 
Mail to: ATTN: Julie Knauff, WSU Orthopaedic Surgery, Sports Medicine and Rehabilitation, 30 E. Apple Street, Suite 2200, Dayton, OH 45409

2007 Research and Graduation Hand Symposium
Celebrating 2007 Graduates
Nicolas Grisoni, M.D. & Brian Hutchinson, M.D.

<table>
<thead>
<tr>
<th>Friday, June 29, 2007</th>
<th>Saturday, June 30, 2007</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Resident Research Presentations</strong></td>
<td><strong>Orthopaedic Hand Symposium</strong></td>
</tr>
<tr>
<td>Wright State Orthopaedics</td>
<td>Wright State Orthopaedics</td>
</tr>
<tr>
<td>Conference Room</td>
<td>Conference Room</td>
</tr>
<tr>
<td>30 E. Apple Street, Suite 2200</td>
<td>30 E. Apple Street, Suite 2200</td>
</tr>
<tr>
<td>8:00 a.m.—12:00 noon</td>
<td>8:00 a.m.—12:00 noon</td>
</tr>
</tbody>
</table>

Guest Speaker: David Lichtman, M.D.
Chairman & Program Director
Department of Orthopaedic Surgery
John Peter Smith Hospital and the University of North Texas Health Science Center
Message from the Program Director

This past year our department has seen many of the changes made come to fruition. We will graduate two residents this year, Nicolas Grisoni, M.D., and Brian Hutchinson, M.D. Nic will be taking a spine fellowship with the Center for Spinal Disorders in Denver, and Brian will be taking a hand fellowship at the University of Southern California in Los Angeles. Both have been excellent residents and we have encouraged them to return to the area when they begin their practices.

We recently participated in the NRMP match and are proud to have matched with Dr. Mike Anderson, Dr. Ben Kleinhenz, and Dr. Mark Stouffer. Mike comes from Wisconsin and is the younger brother of Dr. Chris Anderson, a 2006 graduate of our program. Ben Kleinhenz is originally from Dayton and is the son of Dr. Steve Kleinhenz, a 1986 graduate of our program and a 1981 graduate of the Wright State University School of Medicine. Mark Stouffer comes to us from Wisconsin and is the first resident to match in our six-year categorical spot. This is the first year we offered a six-year categorical spot, which includes one year of research that Mark will take after his intern year. This extra year is made possible through salary support from the Veterans Affairs Medical Center and will greatly enhance our research efforts.

As I look back on my 13 years in Dayton, it’s great to see the progress of the department. The growth of all the orthopaedic groups in town greatly enhances the residents’ experience and it is a credit to all of our clinical faculty that several of the residents that have trained here have chosen to return to begin their practice. We all benefit from this continued growth and look forward to the future.

—Richard T. Laughlin, M.D.

DEPARTMENT ADDITIONS

Michael D. Barnett, Jr., M.D.

Dr. Barnett joined the department in August 2006 after completing a foot and ankle fellowship at the Portland Orthopaedic Foot and Ankle Center in Maine. An Ohio native, Dr. Barnett graduated with high honor from Ohio University with a bachelor’s in biological sciences/pre-medicine. After receiving his M.D. from the Wright State University Boonshoft School of Medicine, Dr. Barnett completed his orthopaedic surgery residency training at Akron General Medical Center.

The recipient of several honors during his education, Dr. Barnett was elected to academic societies, including Phi Beta Kappa as an undergraduate and Alpha Omega Alpha during medical school. Publications currently in press include the chapter “Comprehensive Correction of Cavovarus” in Operative Techniques in Orthopaedic Surgery, and “Use of platelet-rich plasma and bone marrow derived mesenchymal stem cells in foot and ankle surgery” in the June 2006 issue of Techniques in Foot and Ankle Surgery.

Dr. Barnett and his wife, Jennifer, have one daughter and are expecting their second child in July.

Corey J. Ellis, M.D.

Dr. Corey J. Ellis returned “home” in July 2006 when he joined the department as a primary care sports medicine specialist and assistant professor of both orthopaedic surgery and sports medicine and family medicine.

A member and captain of the Wright State University baseball team, Dr. Ellis graduated cum laude with a Bachelor of Science in biological sciences. Dr. Ellis earned his doctor of medicine from and completed the Family Medicine Residency Program at the University of Cincinnati College of Medicine. He recently completed a primary care sports medicine fellowship at Cincinnati Children’s Hospital Medical Center and is board certified in family medicine with a Certificate of Added Qualification in Primary Care Sports Medicine. He maintains memberships in the American Academy of Family Physicians and the American Medical Society for Sports Medicine. Dr. Ellis has given several presentations and has published “Benefits and guidelines for exercise in diabetic patients” in The Ohio Family Physician.

Having served as sports medicine physician for Lockland City Schools and Colerain High School near Cincinnati as well as Miami University in Oxford, Dr. Ellis serves as physician for Wright State University varsity athletes in addition to educational roles for the athletic training program. He provides care at the Wright State University training room, at Wright State Orthopaedics in Miami Valley Hospital, and at our satellite office in Beavercreek.

Dr. Ellis and his wife, Lori, welcomed their first son, Cohen Dodson, in July 2006.

Joel Sorger, M.D.

The department is excited to announce Dr. Joel Sorger will begin an orthopaedic oncology service with Wright State Orthopaedics, Sports Medicine & Rehabilitation at Miami Valley Hospital beginning in August.

For the past four years, Dr. Sorger has presented a monthly resident pathology lecture. He will apply for full-time department faculty status and, once approved, will assume a more active role in clinical activities and teaching duties as his appointment comes forward.

Board certified by the American Board of Orthopaedic Surgeons, Dr. Sorger graduated with a bachelor of science in biology from the University of Richmond in Virginia.
He received his M.D. from the Medical College of Virginia at Virginia Commonwealth University and completed his orthopaedic surgery residency training at the University of Cincinnati College of Medicine. Dr. Sorger completed two fellowships: one in the management and treatment of bone and soft tissue sarcomas with the Harvard Combined Orthopaedics Residency Program, and an orthopaedic research fellowship at the Noyes-Giannestras Biomechanics Lab in the University of Cincinnati’s Department of Aerospace Engineering. He is a member of the American Academy of Orthopaedic Surgeons (AAOS) and the Musculoskeletal Tumor Society.

Dr. Sorger currently serves as assistant professor of orthopaedic surgery and director of the Division of Musculoskeletal Oncology at the University of Cincinnati Hospital. He also practices at Wellington Orthopaedic & Sports Medicine in greater Cincinnati.

RESEARCH STAFF ADDED

(From left to right) Ronald J. Markert, Ph.D.; Harold F. Stills, Jr., D.V.M.; Tarun Goswami, D.Sc.; Dana L. Duren, Ph.D.; Manny Konstantakos, M.D.

Dana L. Duren, Ph.D.

Holding dual appointments in the community health and neuroscience, cell biology and physiology departments, Dana L. Duren, Ph.D., joined the research staff in September 2006.

With a bachelor’s in anthropology from the University of Missouri Columbia, Dr. Duren received her master’s in biological anthropology from Kent State University in Kent, Ohio where she went on to earn her Ph.D. in biomedical sciences.

Dr. Duren became a postdoctoral research associate in skeletal genetic epidemiology at the Lifespan Health Research Center in the Department of Community Health here at Wright State University, where she currently serves as assistant professor. She is also a faculty mentor in the Short-Term Training Program to Increase Diversity in Health-Related Research (STREAMS). Her major active research projects include genetic influences on childhood skeletal health, genetic and environmental influences on idiopathic osteoarthritis, and three-dimensional gait analyses to investigate deviations from normal gait.

Dr. Duren has received several grants: $50,000 for Lifetime Patterns of Body Mass and Quantitative Measures of Osteoarthritis Risk (2003-2004), nearly $10,000 in a basic biomedical school of medicine seed grant (2005-2006), and over $20,000 from the fall 2005 research challenge. She has also served as co-investigator on several National Institutes of Health grants at the Lifespan Health Research Center.

Tarun Goswami, D.Sc.

In September 2006 the department welcomed Tarun Goswami, D.Sc. as an associate professor with a dual appointment in the Department of Biomedical, Industrial and Human Factors in Engineering (BIE).

A native of Bilaspur, India, Dr. Goswami earned his Master of Engineering from the Indian Institute of Technology Roorkee in Uttarakhand, India and his Master of Engineering (Honors) from the University of Wollongong, in NSW, Australia. He received his Doctor of Science from the Helsinki University of Technology in Finland from the Mechanical Engineering Department, Laboratory of Engineering Materials.

Dr. Goswami has performed research in the areas of corrosion prevention and fleet life extension of military aircraft, engine life assessments, wear rate modeling, failure analysis, fatigue, and creep-fatigue interactions. He is also working in the new product designs, materials and modeling issues for implants in biomedical applications such as ankle, knee, hip, spine, shoulder and other total joint replacements. His research includes developing wear prediction models to develop longer lasting total joint replacements and developing materials for such applications. He has ongoing grants from Copeland Corporation, Community Blood Center, and Wright-Patterson Air Force Base.

Dr. Goswami holds several national and international memberships, including the Honor Society for International Scholars, American Society of Mechanical Engineers, American Society for Testing Materials, and Biomedical Engineering Society.


Dr. Goswami and his wife, Sangita, have two children, Rinki and Tushar.
Emmanuel K. Konstantakos, M.D.

Joining the department July 2006, Research Fellow Emmanuel K. “Manny” Konstantakos, M.D., earned his bachelor’s in biology in the Pre-Professional Scholars Program in Medical Education at Cleveland’s Case Western Reserve University, graduating magna cum laude. Dr. Konstantakos completed a musculoskeletal and sports medicine research fellowship and earned his M.D. from Case Western, discovering his passion for research.

Dr. Konstantakos completed an internship in primary care at Mount Carmel Medical Center in Columbus, and a year in the Family Practice Residency Program at MetroHealth Medical Center in Cleveland. However, his desire to pursue orthopaedic surgery led him to complete a surgical internship at the CASE Integrated Program in Surgery in Cleveland last year.

During his time at Case Western, Dr. Konstantakos was the recipient of the Howard Hughes Medical Institute Research Fellowship, won first place in the 15th annual Michelson-Morely Basic Science Research Competition, and earned Dean’s Recognition for Research Excellence under the direction of Arnold I. Caplan, Ph.D.

Ronald J. Markert, Ph.D.

New to our research staff, Ronald J. Markert, Ph.D., joined the research staff as statistician in September 2006 and now holds a joint appointment with both internal medicine and orthopaedic surgery.

Dr. Markert earned a bachelor’s in teacher education from Mansfield University in Pennsylvania, a master’s in college student affairs and his Ph.D. in educational psychology from Michigan State University.

Teaching at the Michigan State University College of Osteopathic Medicine, Texas College of Osteopathic Medicine, Wright State University Boonshoft School of Medicine, Creighton University School of Medicine, and Tulane University School of Medicine, Dr. Markert held leadership roles at these institutions. These include director of evaluation, head of evaluation consultation services, professor and acting chair in the Department of Postgraduate Medicine and Continuing Education, director of the Center for Medical Education, and director of the Office of Medical Education.

Dr. Markert returned to Wright State in August 2006 as Professor of Medicine and Associate Chair for Education and Research in the Department of Internal Medicine.

Honored with numerous awards, Dr. Markert received the Association of American Medical Colleges and Alpha Omega Alpha Robert J. Glaser Distinguished Teacher Award, and Wright State University Boonshoft School of Medicine’s Robert J. Kegerreis Distinguished Professor of Teaching Award, among others.

An avid researcher, Dr. Markert has been widely published and has given numerous national, regional and local presentations. He has served as a peer reviewer for a number of journals including Academic Medicine, the Journal of Family Practice, and Teaching and Learning in Medicine. He holds memberships in the American Educational Research Association, the National Council on Measurement in Education, the Association for the Study of Medical Education, the International Association of Medical Science Educators, and the Alpha Omega Alpha Medical Honor Society.

VISITING PROFESSORS

The Dayton Orthopaedic Society (DOS) welcomed three distinguished visiting professors in 2006 and 2007.

Arthur Manoli II, M.D., Foot and Ankle


With a pre-med bachelor’s with distinction from the University of Michigan in Ann Arbor and his M.D. from the University of Michigan medical school, Dr. Manoli completed an internship at St. Joseph Mercy Hospital in Ann Arbor, a general surgery year at Oakwood Hospital in Dearborn, and Wayne State University School of Medicine’s orthopaedic surgery residency. Dr. Manoli completed a foot and ankle surgery fellowship at the University of Washington Harborview Medical Center in Seattle and another at Vanderbilt University in Nashville.

Dr. Manoli has served with national organizations including the American Academy of Orthopaedic Surgeons (AAOS), American Orthopaedic Association (AOA), American Orthopaedic Foot and Ankle Society (AOFAS), AO North America, Mid-America Orthopaedic Association, Orthopaedic Trauma Association (OTA), and Societe Internationale de Chiurgie Orthopedique et de Traumatologie (SICOT). He was a founding member of the AO-Foot and Ankle Scientific Trust and the Spinoza Society.

Dr. Manoli has written several book chapters including “Diagnosis and treatment of injury and disease” in Fractures of the Foot and Ankle, for which Dr. Laughlin served as an editor.

Louis U. Bigliani, M.D., Shoulder and Elbow

Zimmer sponsored Dr. Louis U. Bigliani in March. His presentations included, “The rotator cuff deficient shoulder,” and “Total shoulder arthroplasty.” The Frank E. Stinchfield Professor and Chairman of...
Dr. Siebuhr Wins Second Place Award

Karl Siebuhr, M.D. (PGY-3) received the second place award in the 2006 Miami Valley Hospital Resident Research Paper Contest. His paper, “CT analysis of tibiofibular stability in below knee amputation with and without transosseous fusion under loaded conditions,” was co-authored by Richard L. Laughlin, M.D.

Residents Awarded OTA Research Grant

Ross A. Schumer, M.D. (PGY-3) and Paul G. Peters, M.D. (PGY-2) were awarded $10,000 research grants from the OTA. Dr. Schumer’s research project, “Biomechanical analysis of a new locked plating system for the proximal humerus,” and Dr. Peters’ “Time of exposure to C-arm drape contamination,” were both co-authored by Dr. Prayson.

Dr. Finnan and Dr. Peters Receive DAGMEC Grants

Dr. Ryan P. Finnan (PGY-2) and Dr. Paul G. Peters (PGY-2) each received $1,500 grants from the DAGMEC Research and Education Workgroup spring 2007 competition. The DAGMEC Resident Research and Fellow Support Grant will support Dr. Finnan’s research project, “A biomechanical evaluation of cadaveric femurs after bone graft harvesting with the Reamer/Irrigator/Aspirator (RIA),” co-authored by Dr. Prayson. Dr. Peters’ grant will support his research project, “Radiographic correlation of knee range of motion assessed on routine physical exam,” co-authored by Dr. Herbenick and Dr. Rubino.

Dr. Williams Receives Award of Excellence

Dr. Nathan Williams (PGY-4) received the Post-Doc Award of Excellence at the February 2006 Office of Research Affairs Central Research Forum. His poster, “Perioperative factors affecting knee range of motion after total knee arthroplasty,” was co-authored by Anil Krishnamurthy, M.D.
Michael J. Anderson, M.D.

With his M.D. from the University of Wisconsin School of Medicine and Public Health in Madison now in hand, Michael J. Anderson, M.D., joins the same residency program from which his brother, Christopher G. Anderson, M.D. (‘06), graduated. “I was awaiting match day with a great sense of anticipation, and was very happy to hear from Mike that he and [his girlfriend, Dr.] Krista [Swenson] had both matched at Wright State. My parents were elated also, as they know from my experience what a tremendous organization he will be joining.”

While his brother’s career path has been a great source of help, his own experiences during medical school brought Dr. Anderson to the field of orthopaedic surgery. “During medical school I tried to be open-minded as I considered various careers, but I quickly found myself gravitating towards orthopaedics. I participated in a wide array of procedures…and it was the orthopaedic cases that interested me the most. My third year rotation left little doubt and my fourth year rotations have confirmed that orthopaedics is the specialty for me.”

The diligent work ethic necessary for his residency training is nothing new to Dr. Anderson. Earning a football scholarship to Michigan Technological University in Houghton, he successfully completed double majors in biological science: pre-professional as well as business administration, graduating magna cum laude while competing on the Husky varsity football team.

While in medical school, Dr. Anderson earned the Herman Shapiro Summer Research Award and is a member of the Phi Kappa Phi National Honor Society and the American Medical Association.

Benjamin P. Kleinhenz, M.D.

It’s no coincidence—the name is very familiar. Incoming resident Benjamin P. Kleinhenz, M.D., is the son of Steven M. Kleinhenz, M.D., who not only serves the department as a clinical associate professor, but is also a 1986 alumni of the residency program himself. This makes the second father-son duo of orthopaedic surgeons trained through the department. Danny L. Reveal, M.D., graduated from our program in 1974 and currently serves as clinical assistant professor for the program. His son, Greg Reveal, M.D., graduated in 2000 and practices in Lexington, Kentucky.

Having a local orthopaedic surgeon as a father can certainly provide opportunities to be introduced to the field. However, orthopaedic surgery was not Dr. Kleinhenz’s immediate first choice. “When I entered medical school, my goal was to remain open-minded as to which specialty I would ultimately pursue. While my radiology and general surgery courses were interesting, it was not until I spent a month on the orthopaedics service that I became confident of my career path.” The professional enthusiasm Dr. Kleinhenz witnessed in his preceptors aided his choice. “From the junior residents to the attendings, I noticed a genuine enthusiasm for their work.” Dr. Kleinhenz earned his bachelor's in economics at the University of Notre Dame. The summer before his junior year, Dr. Kleinhenz served as Dr. Laughlin’s research assistant. The following summer, before he started his medical education at the University of Cincinnati College of Medicine (UC) where he earned his M.D., Dr. Kleinhenz served as research assistant to Dr. Crosby where he created and maintained a demographic database for all fractures treated in a Level 1 trauma center. While at UC, he served as research assistant to Joseph S. Solomkin, M.D., Ph.D., in the Department of Surgery, and Theodore Toan Le, M.D., and Michael Archdeacon, M.D., in the Department of Orthopaedics.

Mark H. Stouffer, M.D.

His life experiences thus far propelled Mark H. Stouffer, M.D., towards a career in orthopaedic surgery. The satisfaction of working with his hands in construction landscaping, the discipline learned playing sports, and his church missionary work combined have shaped his goals as a physician.

Dr. Stouffer earned his bachelor’s in zoology and human biology from Brigham Young University before receiving his M.D. from the Medical College of Wisconsin in Milwaukee. Working under the direction of Dr. Ken Schellhase, Dr. Stouffer researched “Surveillance care in prostate cancer survivors and the rates of PSA test use specifically in regards to rural vs. urban prostate cancer survivors,” which he presented at the Society for Teachers of Family Medicine Conference.

Dr. Stouffer has been very involved in volunteer work both for school and his church. It was during his two-year mission term at the Illinois-Chicago South Mission among the Hispanic population that Dr. Stouffer learned Spanish.

Orthotics/Prosthetics Course

On March 9, 2007, the department hosted a one-day, CME-approved Clinical Applications of Prosthetics and Orthotics conference at Miami Valley Hospital. Facilitated by faculty and clinical faculty in addition to prosthetic/orthotic technicians, the course was designed to give an overview to residents and other healthcare providers. Areas of focus included normal human locomotion, principles and prosthetic options for congenital pathologies, and lower and upper limb amputations; as well as identifying cervical, thoracic, lumbar, and common foot pathologies and their treatments.
In its second year, the June 2006 orthopaedic trauma scientific symposium and graduation/alumni weekend featured guest speaker Robert A. Probe, M.D., chair of the Department of Orthopaedic Surgery at Scott and White Clinic and Memorial Hospital and associate professor at Texas A&M University Health Science Center.

A renowned traumatologist active in the OTA, Dr. Probe completed his bachelor’s in medicine at Texas A&M University before earning his M.D. and completing his residency training at the College of Medicine with the same institution. Dr. Probe completed fellowships in orthopaedic traumatology at Baylor College of Medicine, osteosynthesis using the techniques of Ilizarov at the Lecco Center for Orthopaedic Traumatology in Italy, and AO internal fixation at the BG-Unfallklinik in Duisburg, West Germany, and Landeskrankenanstalt in Salzburg, Austria. He also completed a fellowship in surgery of the adult foot and ankle at Southwest Medical School in Dallas.

Dr. Probe opened the resident research symposium examining “What’s new in foot and ankle trauma.” The Friday morning event showcased research presentations from the 2006 chief residents along with orthopaedic trauma case presentations from then PGY-4 residents Nicolas Grisoni, M.D. and Brian Hutchinson, M.D. and PGY-3 residents Jerry Ahluwalia, M.D., David Dalstrom, M.D., and Nathan Williams, M.D.

Following the scientific program, faculty, residents, alumni and staff enjoyed a lunch and a four-man golf scramble tournament at the Pipestone Golf Course in Miamisburg. In spite of half their team not arriving, first place went to twosome Dr. Richard Laughlin and then PGY-1 resident Dr. Paul Peters.

Beginning with Dr. Probe’s research on “Locked plating indications & applications,” the Saturday morning orthopaedic trauma symposium also included presentations by John Wyrick, M.D. (’91), Michael Prayson, M.D. (faculty), Mike Albert, M.D. (’84/c clinical faculty), Tim Peters, D.O. (clinical faculty), James Binski, M.D. (clinical faculty), and Greg Reveal, M.D. (’00).

Nicolas E. Grisoni, M.D.

It was his father, a pediatric surgeon, who inspired Nicolas E. Grisoni, M.D. to pursue a medical career. "I have always admired his strength and drive to help people and knew with determination I could one day do the same."

Dr. Grisoni earned a bachelor’s in biology from the University of Michigan in Ann Arbor and his M.D. from Case Western Reserve University School of Medicine in Cleveland after spending two years at Ponce School of Medicine in Ponce, Puerto Rico. He did a medical student externship in the Department of Pediatric Orthopaedic Surgery at Case Western between his first and second years of medical school. Before joining the department, Dr. Grisoni completed a preliminary surgery year at the McGaw Medical Center of Northwestern University in Chicago. Fluent in Spanish, he served at the Ponce Homeless Shelter helping community physicians provide free medical care.

Under the direction of Dr. Laughlin, Dr. Grisoni researched gait analysis, an antegrade and retrograde fracture surgical technique study along with former faculty member Dr. Lakatos, and bilateral hip fractures. Dr. Grisoni won second place in the 2003 DAGMEC Resident Research Forum for his research with Dr. Laughlin, and presented his bilateral hip fracture research at the 2005 Mid-America meeting in Florida.

Besides the pride and joy of receiving his diploma, Dr. Grisoni and his wife Jamie welcomed two daughters into their family: Emma Marie and Lauren Eva. In July the Grisoni family will be heading to Denver where Dr. Grisoni will complete a one-year spine fellowship at the Center for Spinal Disorders. Upon completion they will return to Dayton where we are pleased to announce Dr. Grisoni will join the department as an assistant professor, and will practice as a spine surgeon for Wright State Orthopaedics, Sports Medicine, and Rehabilitation at Miami Valley Hospital.

Brian K. Hutchinson, M.D.

Chances are Army basic training was a breeze compared to the rigors of Dr. Brian K. Hutchinson’s orthopaedic surgery residency training. Military service taught Dr. Hutchinson the value of education and gave him the means to attain it, introducing him to his future career. Orthopaedics caught his attention while working as an Army scrub tech after military operating room training.

A California native, Dr. Hutchinson attended Sacramento City College before enlisting in the Army. After the Army, Dr. Hutchinson worked as an operating room tech before completing his bachelor’s in microbiology at Pennsylvania State University. Dr. Hutchinson received his M.D. from Milton S. Hershey Medical Center at Pennsylvania State University where he also received the Mellinger Medical Student Research Award.

Dr. Hutchinson presented his research with Dr. Stills, “The healing effect of platelet rich plasma in rats with acute bone fracture,” at the 2004 Wright State University Central Research Forum and 2005 DAGMEC Resident Research Forum; and his research with Dr. Binski, “Taylor spatial frame for treatment of tibial shaft fractures,” at the 2005 Mid-America meeting. His research with Dr. Laughlin was included in “Post traumatic infections in the foot and ankle” in Fractures of the Foot and Ankle.

In 2003 Dr. Hutchinson, his wife Sandra, and big brother Ian welcomed Mia Kazumi into their family. Following graduation, the Hutchinsons head to sunny California for Dr. Hutchinson’s hand fellowship at the University of Southern California in Los Angeles.
During the graduation dinner the department honored graduates Christopher G. Anderson, M.D., Matthew T. Gorman, M.D., Martin Janout, M.D., and their loved ones. After receiving their long-awaited diplomas, the graduates presented awards to selected faculty. Collectively, they honored Michael J. Prayson, M.D. with the Resident Education Award. Individually, Dr. Gorman presented his Teaching Excellence Award to Dr. Crosby, and Dr. Anderson and Dr. Janout to Dr. Matthew W. Lawless. Dr. Lawless was this year’s recipient of the Golden Crutch Award, while Dr. Janout took home the $300 first place Basic Science Award with Dr. Gorman earning a close second.

Dr. Anderson and his family moved to Washington State where he entered private practice with Northwest Orthopaedic Specialists in Spokane. Beginning a hand fellowship at the Loma Linda University Medical Center, Dr. Janout and his family moved to California. Dr. Gorman left for an orthopaedic sports medicine fellowship at Kerlan-Jobe in Los Angeles and will be moving his family back to his home state of Wyoming to enter private practice.
Dr. Prayson Honored by Patient’s Family

A mother whose son was careflighted to Miami Valley Hospital in January, mentioned Michael J. Prayson, M.D., director of Traumatology in her letter of thanks to the hospital. “We want to thank the whole trauma team for their spectacular job and help… Dr. McCarthy and Dr. Prayson told us everything, from good to the bad. They made us feel no question was a stupid question for them to answer.”

1st Vice President Crosby

At the April 2007 annual meeting, Dr. Crosby was named 1st Vice President for Mid-America Orthopaedic Association. He will assume duties as President at the April 2008 annual meeting. Mid-America is a 20-state regional orthopaedic association.

Department Covers NCAA Tournament

In a recent Dayton Daily News article, staff writer Kevin Lamb mentioned Dr. Corey Ellis and Dr. Michael Herbenick’s (’06) Wright State University team physician coverage at the 2007 NCAA Tournament at Buffalo’s HSBC Arena.

“While other fans could turn Wright State University’s NCAA tournament appearance into a more leisurely adventure, two team physicians had to scramble to reach HSBC Arena for warm-ups Thursday night. Dr. Corey Ellis, a sports medicine specialist who played baseball at Wright State, had to prevail upon other doctors to tend to his regular patients’ sprained muscles and broken bones. He flew to Buffalo with Dr. Mike Herbenick, his Miami Valley Hospital colleague and the team’s orthopedic surgeon, after Herbenick finished a surgery before noon Thursday.”

Dr. Laughlin Joins AOA

At the 2006 annual meeting, the American Orthopaedic Association (AOA) accepted Richard T. Laughlin, M.D., as an active member. According to the press release, AOA membership “signifies honor and accomplishment in orthopaedics as well as the beginning of a commitment to active leadership in the specialty,” in which members “work to expand an already prestigious list of contributions that benefit all in the orthopaedic community.”

Residency Coordinator Wins Grant

At the 2007 AAOS meeting in San Diego, Residency Coordinator Peggy Baldwin was selected to receive the second annual ARCOS Educational Grant in the amount of $1,500. ARCOS, the Association of Residency Coordinators in Orthopaedic Surgery, provides orthopaedic residency coordinators the opportunity to network with other coordinators and keeps them up to date on the ever-changing residency program requirements.

Dr. Laughlin Honored in The Insider

Dr. Laughlin was honored by his surgery patient, Larry Collopy, in Miami Valley Hospital’s publication, The Insider.

“…I have never had a more positive experience when being hospitalized. I can’t say enough about my satisfaction with Dr. Laughlin…I would like to thank you for the professionalism and skill of the nurses and doctors. Even though your hospital is further away than the local hospital, I will make the trip to Miami Valley on any future hospital stays for my family and myself.”

Added Responsibilities

In June 2006, Miami Valley Hospital named Marcos E. Amontero, M.D., Chair and Steven M. Kleinhenz, M.D. (’86), Vice Chair of the Department of Orthopaedic Surgery. Both will serve two-year terms.
5th Annual Alumni Reception in San Diego

Alumni, faculty, staff and family reunited at the Wright State University Boonshoft School of Medicine’s Department of Orthopaedic Surgery, Sports Medicine & Rehabilitation’s 5th annual alumni reception. Held February 16th at the Hotel del Coronado during the AAOS meeting in San Diego, colleagues shared new plans and old memories.

We’ll see you March 2008 in San Francisco!
Publications


Submitted for Publication


Konstantakos EK, Dalstrom DJ, Nelles ME, Laughlin RT, Prayson MJ. Diagnosis and management of extremity compartment syndromes: An orthopaedic perspective.


Accepted for Publication


Barnett M, Pomeroy G. Use of platelet-rich plasma and bone marrow derived mesenchymal stem cells. Techniques in Foot and Ankle Surgery. In press.


Presentations

Crosby LA. The effect of rotator cuff repair with a restore patch on the progression of fatty infiltration in a rabbit model. AAOS Annual Meeting, Chicago, IL, March 2006.

Crosby LA. Evaluation of Accumed clavicle plate against 3.5mm LCDC plate. Mid-America Annual Meeting, San Antonio, TX, April 2006.


Crosby LA. Complications of shoulder arthroplasty. Department of Orthopaedic Surgery and Sports Medicine Resident Program Lecture Series, Wright State University Boonshoft School of Medicine, Dayton, OH, September 2006.

Crosby LA. Wright State University Boonshoft School of Medicine Department of Orthopaedic Surgery: Past and present. Executive Committee Meeting, Wright State University Boonshoft School of Medicine, Dayton, OH, October 2006.

Crosby LA. Complications of total shoulder arthroplasty. (Visiting Professor) Department of Orthopaedic Research and Education, Orthopaedic Research Laboratories, Lutheran Hospital, Cleveland Clinic, Cleveland, OH, January 2007.


Herbenick MA. Management of the contact athlete’s shoulder. Pre-season Football Trainer’s Symposium, Dayton, OH, August 2006.

Herbenick MA. The overhead athlete’s shoulder. Greater Dayton Area Trainer’s Association, Dayton, OH, August 2006.


Konstantakos EK. Basic biomechanics and skeletal biology in clinical orthopedics: An overview. Biomaterials Class (440/640), Wright State University Boonshoft School of Medicine, Dayton, OH, October 2006.

Konstantakos EK. Compartment syndrome of the leg. Human Gross Anatomy Class (ANT711), Wright State University Boonshoft School of Medicine, Dayton, OH, March 2006.


Laughlin RT. Principles of lower extremity amputation. 2nd Annual Regional Orthotics & Prosthetics Course, Miami Valley Hospital, Dayton, OH, February 2006.

Laughlin RT. Orthotics for foot and ankle disorders. 2nd Annual Regional Orthotics & Prosthetics Course, Miami Valley Hospital, Dayton, OH, February 2006.

Laughlin RT. Ankle arthritis: Lower Extremity Symposium, Greene Memorial Hospital, Xenia, OH, April 2006.

Laughlin RT. Complex injuries to the foot and ankle. Trauma Update, Dayton, OH, May 2006.

Laughlin RT. Casting techniques. Lab Instructor, Residents Basic Fracture Course, Orthopaedic Trauma Association Annual Meeting, Phoenix, AZ, October 2006.

Laughlin RT. Both bone forearm fractures ORIF. Lab Instructor, Resident Basic Fracture Course, Orthopaedic Trauma Association Annual Meeting, Phoenix, AZ, October 2006.

Lawless MW. Knee osteoarthritis: Treatment and rehabilitation. Greene Memorial Hospital, Xenia, OH, April 2006.

Lawless MW. Knee dissection and anatomy for athletic trainers. Department of Biosciences, Miami Valley Hospital, Dayton, OH, April 2006.


Prayson MJ. What’s new in orthopaedic trauma? Wright State University Orthopaedic Trauma Symposium, Dayton, OH, June 2006.

Prayson MJ. Faculty instructor: Orthopaedic Trauma Association’s Annual Resident Course, Phoenix, AZ, October 2006.

Prayson MJ. Time-dependent contamination of opened sterile trays. OTA 22nd Annual Meeting, Phoenix, AZ, October 2006.


Prayson MJ. Hip fracture: Small group IV breakout session #2. 5th Annual Trauma 101 Symposium, Cincinnati, OH, April 2007.


Prayson MJ. Orthopaedic engineering course. Faculty, Wright State University Russ Engineering School, 2007.

Rubino LJ. The effect of rotator cuff repair with a Restore® patch on fatty infiltration in a rabbit model. AAOS Annual Meeting, Chicago, IL, February 2006.


Posters/Abstracts


Janout M, Booth BA, Mistovich J, Laughlin RT. Fatty infiltration of the gastrocnemius and soleus after achilles tendon lengthening. 2nd Annual AOAFS Summer Meeting, San Diego, CA, July 2006.
Janout M, Booth BA, Mistovich J, Laughlin RT. Fatty infiltration of the gastrocnemius and soleus after achilles tendon lengthening. Proceedings of the 22nd Annual AOFAES Summer Meeting, 2006.


Prayson MJ. Time-dependent contamination of opened sterile trays. OTA 22nd Annual Meeting, Phoenix, AZ, October 2006.


Awards/Honors

Crosby LA. Wright State University Orthopaedic Department Teaching Award, 2006.


Lawless M. Golden Crutch Award, 2006.


Siebuhr K, Booth BA, Laughlin RT. Bell J. 2nd Place Award. Quantification of motion between the tibia and fibula in below knee amputations. Miami Valley Hospital Resident Research Paper Contest, Dayton, OH, 2006.

Grants


Crosby LA. Exactech Corporation Research Nursing Coordinator Grant, 2006. $35,000.


Prayson MJ. OTA Grants (2), 2007. $10,000 each.

Prayson MJ. Synthes Unrestricted Grant, 2007. $25,000.

Prayson MJ. Synthes Research Grant, 2007. $11,400.

Prayson MJ, Crosby LA, Griffiths MD. Smith & Nephew Orthopaedic Trauma Grant, 2007. $155,000.

Schumer R. Orthopaedic Trauma Association Research Grant, 2007. $10,000.

Research Projects in Progress

Barnett MD, Konstantakos EK. Musculoskeletal function after bariatric surgery.

Crosby LA. Arthroscopic bankart repair: Acute vs chronic.

Crosby LA. Biomechanical analysis of a precontoured clavicule plate.

Crosby LA. Cement extravasation from humeral canal after TSA.

Crosby LA. Interleukin-6 for evaluation for re-implantation after infected TSA.

Crosby LA. Osteomyelitis of the proximal humerus: Treatment with humeral head resection and antibiotic hemiarthroplasty.

Crosby LA. Periprosthetic fractures in reverse TSA recipients.


Crosby LA. Shoulder arthrodesis with femoral allograft.

Crosby LA. Subscapularis transfer for posterior shoulder dislocation.

Crosby LA. Tetracycline labeled proximal humerus resolution concerning AVN: Quantification of the vascular supply of the proximal humerus.

Crosby LA, Konstantakos EK. Follow-up on misrepresentation of research criteria by orthopedic applicants: Has anything changed?

Herbenick MA. Anconeus muscle biopsy in ICU patients vs. controls.

Herbenick MA. Anatomic landmarks for knee range of motion.

Herbenick MA. Bladder incarceration following anterior external fixation of traumatic symphisis diastasis treated with ORIF.

Herbenick MA. Cox inhibitors effect on rat femur healing.

Herbenick MA. Dynamic Trendelenberg test as a predictor for lower extremity proprioception.

Herbenick MA. Effect of a neuromuscular training program on dynamic knee valgus in female athletes.

Herbenick MA. Injury patterns in professional arena football.

Herbenick MA. Posterior capsular repair following THA.

Herbenick MA. Restore patch reaction rate.

Herbenick MA. Use of lateral to medial locking screws proximally in femoral nails.

Herbenick MA. Use of milagro screw for ACL revision to address bony defects.

Laughlin RT. Calcaneal avulsion fractures.

Laughlin RT. BKA and ERTL: CT imaging.

Laughlin RT. BKA end bearing pressure: ERTL vs traditional.

Laughlin RT. Fatty infiltration in gastrocnemius tendons in rabbits.

Laughlin RT. Flatfoot radiographic measures.

Laughlin RT. Obesity and musculoskeletal function.

Laughlin RT. Open calcaneus fractures with bone loss.

Laughlin RT. Pain and anxiety in BKA.

Laughlin RT, Konstantakos EK. Ankle instability predictions.

Lawless MW. Blood glucose response to intra-articular steroid knee injections.

Prayson MJ. External fixation reusage: Survey of patient’s perception on reusage.

Lawless MW. Fatty infiltration after hamstring harvest in a rat model.

Lawless MW. Knee ROM based on anatomic landmarks.

Prayson MJ. Compartment syndrome: Use of VAC dressings.


Prayson MJ. Hip fracture evaluation with alternatives of total hip arthroplasty versus hemi-arthroplasty (HEALTH): Multicenter international study.

Prayson MJ. MRI scanning and staples.

Prayson MJ. Olecranon fractures: Risk to ant neurovascular structures.

Prayson MJ. Open fractures: Use of VAC dressings.

Prayson MJ. Pain pumps for fractures and surgery.

Prayson MJ. Pelvic fractures: Prospective analysis on treatment of crescent fractures.

Prayson MJ. Proximal humerus fractures: Biomechanical analysis of plating alternatives in proximal humerus fractures.

Prayson MJ. Sterilization procedures: Contamination of opened sterile trays.

Prayson MJ. Supracondylar femur fractures: Biomechanical analysis of locking screw placement.

Prayson MJ. Tibial healing: PRP in healing acceleration.

Prayson MJ, Konstantakos EK. Biomechanical analysis of locking versus non-locking screw configuration in an osteoporosis model.

Rubino LJ. Rotator cuff repair with the restore patch.

Rubino LJ. Tunnel widening after hamstring autograft ACL reconstruction.
CONGRATULATIONS TO OUR GROWING FAMILIES

Their homes have grown by two feet...

**Ella Brooke Lakatos**

Dr. Ronald Lakatos and his wife Jana added another bundle of pink to their family. Ella Brooke was born May 18, 2006, at 10:00 p.m. She weighed 8 pounds, 8 ounces, and measured 22 inches. Ella was welcomed by brother Dustin and sisters Amber and Tessa.

**Katherine Grace Peters**

Dr. Paul Peters (PGY-2) and his wife Aly welcomed Katherine Grace to their family on April 11, 2007, at 12:10 p.m. Katherine, their first child, weighed 9 pounds, 1 ounce, and measured 20 ¾ inches.
Thank you to all those who made tax-deductible contributions to the Dayton Orthopaedic Medical Fund, a fund established to assist our residents in their training and education. All donations listed were made between May 2006 and April 2007.

<table>
<thead>
<tr>
<th>Contribution</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Henry W. Albers, M.D.</td>
<td>Jeffrey Mikutis, DO</td>
</tr>
<tr>
<td>Aventis/Laura Fazio</td>
<td>OrPro/Darlene Miller</td>
</tr>
<tr>
<td>Peter S. Barre, M.D.</td>
<td>Ortho-McNeil/Beth Gochenour</td>
</tr>
<tr>
<td>Czarnowski Display/Tom Ferring</td>
<td>Pfizer/Laura Fazio</td>
</tr>
<tr>
<td>Gerard A. Dehner, M.D.</td>
<td>Smith &amp; Nephew/Kip Hubbard</td>
</tr>
<tr>
<td>EBI/Tom Conroy (Golf)</td>
<td>Smith &amp; Nephew/Matthew W. Smith</td>
</tr>
<tr>
<td>Fidelity/Meredith Barnett</td>
<td>Sportopedics</td>
</tr>
<tr>
<td>Holzer Clinic</td>
<td>Synthes/Lane Miller</td>
</tr>
<tr>
<td>I-Flow</td>
<td>Synthes/Alice Sanborn</td>
</tr>
<tr>
<td>Infinity</td>
<td>Synthes/Tim Tusick</td>
</tr>
<tr>
<td>KCI/Chris Link</td>
<td>US Army</td>
</tr>
<tr>
<td>King Pharmaceuticals/Dusty Rose</td>
<td>Zimmer Rowland/Sara Boganwright</td>
</tr>
<tr>
<td>James T. Lehner, M.D.</td>
<td>Miami Valley Hospital Medical Education</td>
</tr>
</tbody>
</table>