The 2007-2008 academic year brought new challenges and successes to our department. As many of you know, Lynn Crosby, M.D., our chair since 2002, stepped down to focus more time on research and his reconstructive shoulder practice. I would like to thank Lynn for all he brought to the department over the years. He truly had a vision for transforming the department into a university-based model without losing the positive influence of community-based teaching and service. Under his direction, we increased the number of program residents to four per year with two research positions. He was instrumental in hiring Tarun Goswami, Ph.D., as director of our biomedical engineering programs by using money from funds started by our former chairman, H.F. Pompe van Meerdervoort, M.D. He has also fostered a departmental research committee that has been very active in collaborating with individuals and departments with interest in musculoskeletal issues. His academic accomplishments and growing national reputation have created opportunities for all our residents and younger faculty. Lynn's contributions in leading this department have set the table for future accomplishments.

Our mission's focus is graduate resident education. In the last year, we successfully applied for a fourth resident and were granted a five-year accreditation. This could not have been accomplished without recent departmental changes and increased research efforts. In addition, we have had outstanding support from our hospital partners. Miami Valley Hospital has been the main sponsoring institution of the residency since it started. The Dayton VA and Children's Medical Centers also provide support. With the addition of the fourth resident, Good Samaritan Hospital has joined us as a full-time teaching site for the orthopaedic residents. This growth allows us to broaden the residents' experience, further enhancing their education and research opportunities.

Peggy Baldwin, our residency coordinator has been invaluable in organizing our accreditation site visits. Her experience and attention to detail have greatly contributed to the success of the applications. Now that we have obtained our five-year accreditation, she has “volunteered” to take on the task of getting our orthopaedic trauma fellowship accredited. The trauma fellowship, under the direction of Mike Prayson, M.D., was started two years ago with industry support. With the growing demand for fellowship-trained orthopaedic traumatologists, the demand for fellowships has increased. We have the one-year position filled through June 2011. The interest in coming to Miami Valley Hospital for trauma training is a credit to the work that has been done by the orthopaedic trauma attendings over the past several years.

Continued on Page 3
Joe Rubino, M.D., received first place for “The Effect of Tibial Tunnel Starting Position on Femoral Tunnel Length and Location in ACL Reconstruction: A Cadaveric Study” in the 2007 Ohio Orthopaedic Society’s member paper contest.

The Department nominated Paul R. Sensiba, M.D., to the 2008 AOA-OREF-Zimmer Resident Leadership Forum. This forum was held during the June 2008 AOA meeting in Quebec City, Quebec. PGY-4 residents are nominated based on their accomplishments during their residency training. The forum gives them an opportunity to further build their leadership skills. Past department leadership forum attendees include Martin Janout, M.D., (2005), Michael A. Herbenick, M.D., (2004) and Damian M. Andrisani, M.D., (2003).

Mark H. Stouffer, M.D., was awarded a $10,000 OTA Research Grant for “Comparison of Short and Long Cephalomedullary Nail in Treatment of Unstable Intertrochanteric Hip Fractures: A Biomechanical Study,” supervised by Dr. Prayson. Dr. Stouffer was also awarded a $2,500 2008 DAGMEC Research Resident and Fellow Support Grant for the same study. In July 2008, Dr. Stouffer became the first Research Resident in the department’s new six-year research-focused residency program.

Joe Rubino, M.D., (2008) and his wife Melissa Williams, M.D., welcomed their first child, Abigail Cherry Williams, on May 22, 2008, at 9:04 a.m. Abigail weighed 8 pounds, 6 ounces, and measured 21 inches long.

Dr. Laughlin welcomed David J. Dalstrom, M.D., into the Alpha Omega Alpha Honor Medical Society, Wright State University Boonshoft School of Medicine Chapter, on Tuesday, May 6, 2008, at the Country Club of the North in Beavercreek, Ohio. Alpha Omega Alpha elects outstanding medical students, graduates, alumni, faculty, and other honorary members.

Associate Professor Corey J. Ellis, M.D., and his wife Lori Ellis, M.D., welcomed Calder Ron Ellis on April 26, 2008, at 9:00 a.m. Weighing 7 pounds, 12 ounces, and measuring 20 inches long, Calder was welcomed by big brother Cohen Dodson Ellis, who was born July 27, 2006, at 7 pounds, 12 ounces, and 20.5 inches long.

Ryan P. Finnan, M.D., and Erica Steinbicker were married Saturday, July 19, 2008 at the Church of the Incarnation in Centerville, Ohio. The reception was held at the Schuster Center in downtown Dayton. Dr. Finnan received third place for “A Biomechanical Evaluation of Cadaveric Femurs after Bone Graft Harvesting with the Reamer-Irrigator-Aspirator” in the Resident’s Paper Contest at the 2008 Ohio Orthopaedic Society annual meeting. He was also nominated as the Journal of Orthopaedic Trauma’s Best PGY-3 Orthopaedic Teaching Resident from our program and was awarded a Synthes-sponsored one-year subscription to the journal.

Michael A. Herbenick, M.D., was elected to the Wright State University Boonshoft School of Medicine Nominating Committee for the July 1, 2008, to June 30, 2010, term.

Serving the July 1, 2008, to June 30, 2010, term, Anil B. Krishnamurthy, M.D., was elected to the Wright State University Boonshoft School of Medicine Admissions Committee.

Stacy McMahon joined the department in February 2008 as the new Trauma Research Coordinator. A graduate of the Rochester Institute of Technology in New York, Stacy received her bachelor’s in biotechnology. Previously, Stacy worked in California as an Enologist Assistant for Firestone Vineyard, a Primary Mass Spec Analyst for Environmental Analytical Services, and an Associate Scientist for Miravent Pharmaceuticals.

At the April 2008 Mid-America Orthopaedic Association meeting, Paul G. Peters, M.D., was awarded the $1,000 Carl L. Nelson, M.D. Physician in Training Award. “Time of Exposure to C-Arm Drape Contamination,” is based on research directed by Dr. Prayson. This paper was also presented—by invitation—at the 2009 AAOS meeting in Las Vegas.

Nathan E. Williams, M.D., (2008) and his wife Melissa Williams, M.D., welcomed their first child, Abigail Cherry Williams, on May 22, 2008, at 9:04 a.m. Abigail weighed 8 pounds, 6 ounces, and measured 21 inches long.


**Visiting Professors**

**Joel I. Sorger, M.D.**

**Fall Dayton Orthopaedic Society Meeting**

October 23, 2007

Dayton Marriott

“Evaluation and Treatment of Metastatic Cancer to Bone”

**Grand Rounds**

October 24, 2007

“Evaluation and Treatment of Metastatic Cancer to Bone”

**Education**

B.S., Biology, University of Richmond, Richmond, VA

M.D., Medical College of Virginia at Virginia Commonwealth University, Richmond, VA

**General Surgery Internship**

University of Cincinnati College of Medicine, Cincinnati, OH

**Orthopaedic Research Fellowship**

University of Cincinnati College of Medicine, Cincinnati, OH

**Orthopaedic Surgery Residency**

University of Cincinnati College of Medicine, Cincinnati, OH

**Orthopaedic Oncology Fellowship**

Management and Treatment of Bone and Soft Tissue Sarcomas – Harvard Combined Orthopaedics Residency Program, Boston, MA

**Orthopaedic Research Fellowship**

Noyes-Giannestras Biomechanics Lab, Department of Aerospace Engineering, University of Cincinnati, Cincinnati, OH

**Certification**

American Board of Orthopaedic Surgery

**Current Appointment**

Assistant Professor and Director Division of Musculoskeletal Oncology Department of Orthopaedic Surgery University of Cincinnati Medical Center, Cincinnati, OH

**Research Fellow 2008-2009**

**Michael J. Coffey, M.D.**

**Education**

B.S., Biology (cum laude), Creighton University, Omaha, NE

M.D., Creighton University School of Medicine, Omaha, NE

**Internship**

General Surgery, Creighton University School of Medicine, Omaha, NE

**Fellowship**

Research Fellow, Kleinert Institute for Hand and Microsurgery, Louisville, KY

**Research**

American hand transplant experience – function beyond expectation; Ochronotic arthropathy; Psychopharmacological studies for FDA Phase III and IV of Zyprexa (olanzapine) and certain side effects; Immediate active mobilization following repair of complex flexor tendon injuries.

**Publication**

One manuscript provisionally accepted.

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**Robert J. Medoff, M.D.**

**Cadaveric Workshop and Grand Rounds**

May 6, 2008

**Cadaveric Workshop**

Good Samaritan Hospital May 7, 2008

**Grand Rounds**

“Radiographic Interpretation”

**Education**

B.S., University of Pennsylvania School of Medicine, Philadelphia, PA

M.D., University of Pennsylvania School of Medicine, Philadelphia, PA

**General Surgery Residency**

John A. Burns School of Medicine, University of Hawaii, Honolulu, HI

**Orthopaedic Surgery Residency**

Campbell Clinic, University of Tennessee, Memphis, TN

**Certification**

American Board of Orthopaedic Surgery

**Current Appointment**

Orthopaedic Surgeon, Windward Orthopaedic Group, Kailua and Kaneshe, HI

Assistant Clinical Professor, Department of Orthopaedic Surgery, University of Hawaii, Honolulu, HI

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**Message from the Chair**

Our new faculty are settling into their practices. Mike Herbenick, M.D., and Joe Rubino, M.D., have broadened the resident exposure to aspects of sports medicine, arthroscopy, and reconstruction. They started a bioskills lab on Wednesday afternoons for the senior residents on the sports rotation, allowing them to practice arthroscopic procedures on cadavers. This has been an invaluable addition to our teaching curriculum and will become more important in the future, as we will be required to document not only resident experience, but also new faculty proficiency in surgical procedures. Both have continued research interests begun during their residency and fellowships.

Mike Barnett, M.D., is growing his practice in reconstructive foot and ankle surgery both in Middletown and Dayton, while also taking on the role of medical student education director. Corey Ellis, M.D., has been a popular addition to the WSU sports medicine staff, providing primary care services to the athletes of Wright State. He is getting increasingly involved in student health for the university.

I am pleased to announce the addition of James C. Binski, M.D. to the department in December 2008. Dr. Binski has been an integral member of our clinical faculty for the past 15-20 years, is a great teacher for our residents, and has received numerous department teaching awards. Dr. Binski is internationally known for his Ilizarov and Taylor Spatial Frame external fixation expertise.

Overall, the future is bright for the department of orthopaedic surgery. The credit for past accomplishments is shared by all the people who contribute on a daily basis to our mission. We are very grateful for the efforts of our clinical attendings, university and medical school faculty, our teaching hospitals, clinical and office staff, and industry sponsors. Their efforts will continue to enhance musculoskeletal care in the Miami Valley.
PGY-1 Residents

John C. Gayton, M.D.
Education
B.S., Cellular Biology, University of Georgia, Athens, GA
M.D., Medical College of Georgia, Augusta, GA
Research
CT analysis of C1 lateral mass size at mid ring for 3.5mm screw fixation.
Publication
Seven publications, one accepted manuscript.

Christopher B. Lyons, M.D.
Education
B.S., Clinical Laboratory Science, Wright State University, Dayton, OH
M.D., University of Cincinnati, Cincinnati, OH
Research
Modification of carbon nanotubes with polymers to enhance solubility and utility in a variety of applications; Contraindications to lung transplantation and optimal management of recurrent pneumothorax in patients with lymphangioleiomyomatosis (LAM).
Publication
Two publications.

Indresh Venkatayappa, M.B.B.S.
Education
M.B.B.S., Bangalore Medical College, Bangalore, India
Residency, Orthopaedic Surgery, Topiwala National Medical College, Mumbai, India
Fellowship
Orthopaedic Trauma: Department of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Wright State University Boonshoft School of Medicine, Dayton, OH
Research
Time-dependent contamination of open surgical trays; A survey of patient opinions regarding the use of reprocessed external fixation components; Contamination risk of opened sterile trays during surgery; Fixation Using Alternative Implants for the Treatment of Hip Fractures (FAITH) trial; HEALTH trial; Biomechanical analysis of long and short cephalomedullary nails; Mycoplasma arginini in an open femur fracture secondary to an African lion bite: A case study.
Publication
Two publications.

PGY-2 Residents

Emmanuel K. Konstantakos, M.D.
Education
B.S., Biology (magna cum laude), Pre-Professionals Scholars Program in Medical Education, Case Western Reserve University, Cleveland, OH
Research
A randomized, prospective analysis of four strength training regimens in a collegiate football team.
Internship
Primary Care: Mount Carmel Medical Center, Columbus, OH
Family Practice: MetroHealth Medical Center, Cleveland, OH
Fellowship
Musculoskeletal and Sports Medicine Research Fellowship, Case Western Reserve University, Cleveland, OH
Research Fellow, Department of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Wright State University Boonshoft School of Medicine, Dayton, OH
Research
Physical assessment in bariatric patients before and after surgery; SLD incidence in the asymptomatic wrist; Biomechanical locking screws in metaphyseal fixation in sawbone femurs; Biomechanical evaluation of Reamer-Irrigator-Aspirator of cadaveric femurs after bone graft harvesting; Total knee arthroplasty in a below-knee amputee; Ankle instability predictions; Biomechanical analysis of locking versus non-locking screw configuration in an osteoporosis model.
Publications
Four publications, two accepted manuscripts, two submitted manuscripts, one manuscript in progress.

Jason D. Vourazeris, M.D.
Education
International Business, Copenhagen Business School, Copenhagen, Denmark
B.S., Business Administration, University of Southern California, Los Angeles, CA
M.D., University of Cincinnati College of Medicine, Cincinnati, OH
Research
Retrospective study of juvenile osteochondritis dissecans patients; Predictive value of lesion size on healing potential of stable juvenile OCD lesions of the knee.
Publication
One submitted manuscript.

Matthew P. Noyes, M.D.
Education
B.S. Physical Therapy (magna cum laude), The Ohio State University, Columbus, OH
M.D., The University of Toledo College of Medicine, Toledo, OH
Research
Absorbable pins in posterior wall acetabulum fractures with marginal impactions (AMP).
Alumni News

1995

As a consultant with the Indianapolis Colts, David A. Porter, M.D., Ph.D. and his family enjoyed cheering the Colts on to victory at the 2007 Super Bowl. The second edition of Baxter’s The Foot & Ankle in Sport, co-authored by Dr. Porter, was published in 2008.

2004

Damian M. Andrisani, M.D., his wife Jennifer, and big brother Paul welcomed Damian Michael Andrisani, II on July 12, 2007, at 6:33 p.m., weighing 5 pounds, 14 ounces and measuring 19 inches long. Dr. Andrisani was certified by the American Board of Orthopaedic Surgery in July 2007.

E. Barry McDonough, M.D., his wife Kendryn, and brothers Connor and Brock welcomed Quinn Leonard McDonough during the Super Bowl on February 3, 2008, at 10:02 p.m. Quinn weighed 8 pounds, 2 ounces, and measured 20.5 inches long. Dr. McDonough serves as Assistant Professor in the Department of Orthopaedic Surgery at West Virginia University in Morgantown, WV, and was certified by the American Board of Orthopaedic Surgery in July 2007.

2006

Christopher G. Anderson, M.D., his wife Josie, and big brother Dane welcomed Evan Matthew Anderson on March 25, 2008, at 6 pounds, 5 ounces and measuring 21 inches.

Matthew W. Gorman, M.D., his wife Megan and big sister Tamsyn welcomed Thomas Fitzpatrick Gorman on May 22, 2008, at 4:50 p.m. weighing 9 pounds, 13 ounces and measuring 21 inches long.

Martin Janout, M.D., his wife Karen Janout, M.D., and big brother Radek welcomed Dominik Martin Janout on April 28, 2008, weighing 7 pounds and measuring 19 inches.

Dayton Orthopaedic Medical Fund Contributions

The department appreciates all those who made tax-deductible contributions between May 2007 and June 2008 to the Dayton Orthopaedic Medical Fund—a fund established to assist in training and educating our residents.

Peter S. Barre, M.D.
Gerard A. Dehner, M.D.
GlaxoSmithKline/Tom Ferring
Ahmad Hadied, M.D.
KCI/Annette Sester
King Pharmaceuticals/Dusty Rose
Miami Valley Hospital/Medical Education
OrPro/Darlene Miller
Orthopedic Bracing Specialists
Smith & Nephew
Synthes/AO
Wright Medical/Scott Adrian

MVH Orthopedics Ranks in Top 50 of “America’s Best Hospitals”

When U.S. News & World Reports published their 2008 America’s Best Hospitals edition, Miami Valley Hospital ranked among the top 50 in orthopaedics. According to Mary Boosalis, President and CEO, “This makes the sixth time Miami Valley earned a spot on the list of best hospitals but the first year we have achieved distinction in orthopaedics.”
2008 Alumni Reception

March 7, 2008
Ritz Carlton
San Francisco, CA
2007 Graduation

Graduates
Nicolas Grisoni, M.D.
Brian Hutchinson, M.D.

June 29, 2007
Resident Research Symposium
Alumni Golf Tournament

June 30, 2007
Hand Symposium
Graduation Ceremony

Awards
Basic Science – 1st Place
Karl Siebuhr, M.D.

Basic Science – 2nd Place
Nicolas Grisoni, M.D.

Golden Crutch
Britt Wells, M.D.

Dr. Grisoni’s Teaching Excellence
Michael Albert, M.D.

Dr. Hutchinson’s Teaching Excellence
James Binski, M.D.

Resident Education
Michael Prayson, M.D.

Guest Speaker
David M. Lichtman, M.D.
“Acute Injury to the DRUJ and TFCC”
“Kienböck’s Disc and Mid Carpal Instability”

Dr. Lichtman, Chair of the Department of Orthopaedics at John Peter Smith Hospital and the University of North Texas Health Science Center, graduated from the State University of New York Downstate Medical Center. After interning at the University of Minnesota Hospitals and completing his residency at the Naval Hospital Oakland, Dr. Lichtman completed a hand fellowship in San Diego. A frequent lecturer on hand and wrist problems, he authored *The Wrist and Its Disorders*, a widely-used textbook. A retired Rear Admiral in the United States Navy, Dr. Lichtman served as the Commanding Officer of the Naval Hospitals in Oakland and Bethesda. He has served as past president of the Society of Military Consultants to the Armed Forces and the American Society for Surgery of the Hand, as well as an examiner for the American Board of Orthopaedic Surgery.
Graduates
Jerry Ahluwalia, M.D.
David Dalstrom, M.D.
Nathan Williams, II, M.D.

June 20, 2008
Resident Research Symposium
Alumni Golf Tournament

June 21, 2008
Adult Reconstruction Symposium
Graduation Ceremony

Awards
Basic Science – 1st Place
Ryan Finnan, M.D.

Basic Science – 2nd Place
Jerry Ahluwalia, M.D.

Golden Crutch
Danny Reveal, M.D.

Dr. Ahluwalia’s Teaching Excellence
Michael Welker, M.D.

Dr. Dalstrom’s Teaching Excellence
Michael Prayson, M.D.

Dr. Williams’ Teaching Excellence
Matthew Lawless, M.D.

Resident Education
Lynn Crosby, M.D.

Guest Speaker
William Petty, M.D.
“The Evolution and Future of Total Knee Arthroplasty”
“A Surgeon in Industry”

Dr. Petty founded Exactech, Inc., a company that designs and markets orthopaedic implant devices and related products, and has served as Chairman of the Board and Chief Executive Officer since Exactech’s inception. He authored *Total Joint Replacement*, published by W. B. Saunders in 1991. Dr. Petty serves as professor and chair of the Department of Orthopaedic Surgery at the University of Florida College of Medicine and is an examiner for the American Board of Orthopaedic Surgery. He has served on the *Journal of Bone and Joint Surgery* Editorial Board and the American Academy of Orthopaedic Surgeons Executive Board. Dr. Petty completed his undergraduate and graduate degrees at the University of Arkansas, receiving his Doctor of Medicine there as well. He completed his orthopaedic surgery residency at the Mayo Clinic in Rochester, Minnesota.
Professional Activity

Publications


Rubino LJ, Sprott DC, Stills HF Jr, Crosby LA. Fatty infiltration does not progress after rotator cuff repair in a rabbit model. Arthroscopy. Accepted March 2008.

Submitted for Publication


Janout M, Booth BA, Mistovich J, Laughlin RT. Fatty infiltration of the gastrocnemius and soleus after Achilles tendon lengthening. Foot & Ankle International. In submission.


Accepted for Publication


Presentations


Crosby LA. Shoulder examination. Presented at the Orthopaedic Resident Educators Lecture, Department of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Wright State University Boonshoft School of Medicine, Dayton, OH, September 2007.


Crosby LA. Tetracycline labeling. Presented at the American Shoulder and Elbow Society Closed Meeting, Dallas, TX, October 2007.

Crosby LA. Reverse vs. hemiarthroplasty – indications. Presented at the 3rd Shoulder & Elbow Trauma Course, University of Patras, Patras, Greece, October 2007.


Crosby LA. Visiting Professor. Department of Orthopaedic Surgery, University of Nebraska, Omaha, NE, December 2007.

Crosby LA. Complication of total shoulder arthroplasty. Presented at the Department of Orthopaedics, University of Colorado, Denver, CO, January 2008.

Crosby LA. ORIF, hemiarthroplasty or reverse total shoulder arthroplasty for proximal humerus fractures. Presented at the Department of Orthopaedics, University of Colorado, Denver, CO, January 2008.


Crosby LA. Complications of total shoulder arthroplasty. Presented at the Department of Orthopaedics, Medical University of South Carolina, Charleston, SC, February 2008.

Crosby LA. Total shoulder arthroplasty. Presented at the Anita Moss Lectureship, Emphasis on Function, Upper Extremity Innovation Symposium, Cleveland Clinic Hospital, Cleveland, OH, April 2008.

Crosby LA. Reverse shoulder arthroplasty. Presented at the Anita Moss Lectureship, Emphasis on Function, Upper Extremity Innovation Symposium, Cleveland Clinic Hospital, Cleveland, OH, April 2008.


Laughlin RT. Current concepts in below knee amputation surgery – Keynote Speaker at the Ohio Chapter American Academy of Orthotists and Prosthetists Annual Spring Technical Meeting, Columbus, OH, April 2007.

Laughlin RT. Time of exposure to C-arm drape contamination. Presented at the American Orthopaedic Association/Canadian Orthopaedic Association Combined Annual Meeting, Quebec City, Canada, June 2008.

Prayson MJ. The effects of MRI on surgical staples. Presented at the American Orthopaedic Association/Canadian Orthopaedic Association Combined Annual Meeting, Quebec City, Canada, June 2008.


Prayson MJ. Exogen Science Summit/Course Faculty, Phoenix, AZ, September 2007.

Prayson MJ. Orthopaedic Trauma Association’s Annual Resident Course/Faculty Instructor, Boston, MA, October 2007.


Prayson MJ. Open fracture management. Presented at the Department of Anesthesiology Grand Rounds, Miami Valley Hospital, Dayton, OH, March 2008.


Prayson MJ. Pelvic ring injuries. Presented at the Department of Surgery Grand Rounds, Wright State University Boonshoft School of Medicine, Dayton, OH, May 2008.

Prayson MJ. Time of exposure to C-arm drape contamination. Presented at the American Orthopaedic Association/Canadian Orthopaedic Association Combined Annual Meeting, Quebec City, Canada, June 2008.

Prayson MJ. The effects of MRI on surgical staples. Presented at the American Orthopaedic Association/Canadian Orthopaedic Association Combined Annual Meeting, Quebec City, Canada, June 2008.


Rubino LJ. The position of the femoral tunnel in arthroscopic ACL reconstruction is dependent on the placement of the tibial tunnel. Presented at the Ohio Orthopaedic Society 68th Annual Meeting, Cincinnati, OH, May 2007.


**Awards/Honors**


Prayson MJ. Time-dependent contamination of opened sterile trays. Resident Research Competition/2nd Place Award, Miami Valley Hospital, April 2007.

Peters PG, Laughlin RT, Manternach A, Markert RJ, Randall KL, Prayson MJ. Time exposure to C-arm drape contamination. Research manuscript/Carl L. Nelson, MD Physician in Training Award, Mid-America Orthopaedic Association, April 2008 (Chosen as one of top two studies presented).


**Posters/Abstracts**


**Grants**

Crosby LA. Exactech, Inc., Research Nursing Coordinator Grant

Laughlin RT. Regranex Research Grant

Prayson MJ. Zimmer Research Grant

Prayson MJ. DAGMEC Grant

Prayson MJ. Canica Research Grant

Prayson MJ. OTA Grant

Prayson MJ. Synthes Unrestricted Grant, submitted

Prayson MJ. Smith and Nephew Educational Grant

Prayson MJ. DAGMEC Grants

**Research Projects in Progress**


Edwards K, Herbenick MA, Rubino LJ. Mechanical strength of two constructs for distal third clavicle fractures and coracoclavicular ligament disruptions.

Finnan RP, Herbenick MA, Prayson MJ. Case report and clinical outcome of pubic symphysis disruption with bladder extravasation.


Gorman M, Rubino LJ, Herbenick MA, Crosby LA. Incidence of Restore® patch rejection reaction in rotator cuff repair augmentation.

Herbenick MA, Anloague P, Rubino LJ. Multifactorial assessment of the overhead athlete.

Herbenick MA, Crosby LA. Clinical outcomes of shoulder patients with greater tuberosity cysts on MRI.
2008 Graduates

Gurpal S. (Jerry) Ahluwalia, M.D.
Education
B.S., Biology, Georgetown University, Washington, DC
M.D., Wright State University Boonshoft School of Medicine, Dayton, OH

Research
Anatomic predictors of ankle instability in college athletes; Association of malleolar indices of foot types with foot and ankle injuries in college athletes; Historical evolution of knee implants; Subtalar dislocation following ankle fusion: A report of three cases.

Fellowship
San Diego Arthritis and Reconstructive Surgery Fellowship, San Diego, CA

Family
Married Sarah Bloomfield August 6, 2005.

David J. Dalstrom, M.D.
Education
B.S., Biology with Honors in Integrative Arts, Pennsylvania State University, State College, PA
M.D., The Ohio State University College of Medicine, Columbus, OH

Research
Biomechanical analysis of bicortical or unicortical locking screw use and placement in diaphyseal fixation: Comparison of bicortical vs. unicortical locking screws: A biomechanical study; Diagnosis and management of extremity compartment syndromes: An orthopaedic perspective; Time-dependent contamination of opened sterile trays; Uniplanar external fixation for care of circumferential extremity burn wounds in adults.

Fellowship
Orthopaedic Trauma Fellowship, Department of Orthopaedic Surgery, Sports Medicine & Rehabilitation, Wright State University Boonshoft School of Medicine, Dayton, OH

Family
Married Meghan Nelles, M.D., June 14, 2003.

Nathan E. Williams, II, M.D.
Education
B.S., Biology, Southern Adventist University, Chattanooga, TN
M.D., Loma Linda University School of Medicine, Loma Linda, CA

Research
Cultural analysis of VAC dressings: colonization and its impact on timing of dressing changes; Perioperative factors in knee range of motion following total knee arthroplasty; Radio-graphic measurements in the adult flatfoot: Assessment of inter- and intrarater reliability; Use of VAC dressings for fasciotomy incisions.

Fellowship
Adult Lower Extremity Reconstruction Surgery, Scripps Clinic, La Jolla, CA

Family
Married Melissa (Cole) Williams, M.D., November 9, 2003; daughter Abigail Cherry Williams born May 22, 2008.