

Orthopaedic Surgery and Rehabilitation **BREAKING NEWS**

SPRING 2009

For Graduates and Friends of the University of Nebraska Medical Center Department of Orthopaedic Surgery and Rehabilitation

The Many Hats of Dr. Matthew Mormino **Teacher • Clinician • Surgeon • Administrator**



On any given day you might find Dr. Matthew Mormino in a variety of places, working in a number of different capacities. As a faculty member of an academic practice, his job does not end after a full day of seeing patients in clinic or an even longer day of surgical cases. While he is sometimes a clinician, and other times a surgeon, he is *always* a teacher. As director of the orthopaedic residency program at UNMC, Dr. Mormino not only educates residents in a literal sense through textbooks and conferences, but also through his high standard of quality patient care and sharing of his surgical expertise. In addition, and maybe most importantly, Dr. Mormino leads by example, getting involved in matters that make a difference and never sitting back expecting that someone else will get the job done right. This 'take charge' mentality is only one of the strong qualities that landed him his newest gig, as medical director of Perioperative Services at The Nebraska Medical Center.

"Dr. Mormino met all the requirements of the physician leader we were hoping to find – someone who leads by example, someone who has a good track record for relationships with physicians and nursing, and someone who is not afraid to tackle tough issues," said Stephen Smith, M.D., chief medical officer of The Nebraska Medical Center. "The hospital recognized that it needed physician leadership in the OR to address a variety of concerns. There are of course several key components to the successful and efficient management of an OR, and leadership is necessary on all fronts including the physicians."

Initially, Dr. Mormino was approached with an offer to serve as the interim medical director of Perioperative Services, while the hospital searched for a full-time replacement. He accepted that position in January of 2008, and over the course of several months those who were looking for his replacement began to wonder if they already had the ideal candidate for the position. In October Dr. Mormino was offered, and accepted, the full-time position of medical director of Perioperative Services.

In a nut shell, Dr. Mormino's responsibilities include overseeing the entire operating room experience from admission and pre-op, to intra-operative and post-operative care, with the majority of his time spent on making the process more efficient and accurate.

"Projects such as on-time starts, room turnover time and accuracy of surgical room set-ups, including instrument sets, have occupied much of my time," said Dr. Mormino. "I am responsible for the formation and implementation of policies to keep our

operating rooms in line with national patient safety standards and regulations set forth by the Joint Commission and Center for Medicare and Medicaid Services. I also serve as a voice for the operating room medical staff (surgeons, nurses and anesthesiologists) to the hospital medical executives."

Dr. Smith expressed his confidence in a job done well, stating, "We have been very pleased with his work, as we have seen significant improvement in case start times and physician satisfaction. I am pleased I have a 'go to person' who will take care of the issues."

Some of you who have observed Dr. Mormino on an average day are surely asking yourself, how can he fit one more thing into his already busy schedule? Good question. Those of you who are his peers and fellow surgeons know the answer . . . you just do. You find the time; you make the effort; you do what is necessary to get things done. Suddenly you get very creative in figuring out how to fit 48 hours worth of work into a 24-hour day. So, what else does Dr. Mormino have to squeeze into his average day? In addition to his position as medical director of Perioperative Services, Dr. Mormino also holds the following titles: Director of Orthopaedic Trauma (1997-present), Orthopaedic Clinical Medical Director (2000 – present), and Orthopaedic Residency Program Director (2004 – present), not to mention his regular clinic schedule and a full surgical case load. Each one, in and of itself, was a full-time job before the next one came along.

(Continued on page 3)

A Message From the Chair

We would like to extend our thanks to those who joined us in Las Vegas for the annual Nebraska alumni banquet, and extend our well wishes to those who were not able to attend. It is always a pleasure to catch up with friends, and take a moment to relax and recoup from the stresses of every day responsibilities. We hope that you look forward to this event as much as we do, and will continue to join us in years to come.

As you may have read on page 1, we are proud to feature Dr. Matthew Mormino and his many contributions to the orthopaedic department, as well as the hospital. Whether working in the capacity as director of Orthopaedic Trauma, medical director of the Orthopaedic Clinic, director of the Orthopaedic Residency Program, or in his newest role as medical director of Perioperative Services at The Nebraska Medical Center, Dr. Mormino continues to integrate into each of those roles, his core ambition of being a dedicated

patient advocate, tireless educator, and exceptional surgeon. Our educational and clinical program would not be where it is today without the many contributions of Dr. Mormino. We extend our gratitude for all of his hard work.

Be sure to mark your calendar for the upcoming June 26-27 graduation celebration. Dr. Lawrence Dorr, founder and medical director of The Dorr Arthritis Institute in Los Angeles, CA, will be our featured speaker this year. Please join us and help congratulate Drs. Casey Johnston, Justin Siebler, Brian Kleiber, and Erica Burns, as they move on to the next stage in their orthopaedic careers. We hope to see you there!



Dr. Kevin L. Garvin

Visiting Speakers Expand Resident Education

Providing a well-rounded educational experience for our residents means bringing in visiting speakers who can share their expertise on a variety of topics. Annual contributions to the department's Development Fund allow us to continue to bring guest speakers who offer new and innovative ideas in surgical techniques, research topics, and patient care. Below is a list of visiting speakers that presented in the Department of Orthopaedic Surgery from November 2008 to April 2009.

November 2008

3 Mr. James Ambrose
Wealth Management Advisor/
Merrill Lynch
Omaha, NE
"Financial and Estate Planning
Challenges for the Young Physician"

January 2009

19 Dr. Timothy Burd
Nebraska Spine Center
Omaha, NE
"Treatments for Degenerative
Disc Disease"

February 2009

16 Darcy Miller
Medical Social Worker/TNMC
Omaha, NE
"Mandatory Reporting"

March 2009

4 Dr. Gregory Dumanian
Northwestern University
Chicago, IL
"Robotic Arm"

19 Dr. Toney Russell

Campbell Clinic
University of Tennessee
Memphis, TN
"The Evolution of the Locking Plate and
MIS Technology"

30 Dr. Erik Otterberg

GIKK
Omaha, NE
"Revision TKA"

Welcome to the Class of 2014

Match Day results are in! The new interns who will be joining the department in July are listed below. Please help us welcome the Class of 2014.

Khalid Azzam
University of Cairo, Egypt

Kevin Lindgren
Medical College of Wisconsin

Nolan May
University of Nebraska Medical Center

David Minges
Creighton University Medical Center

The Many Hats of Dr. Matthew Mormino

(Continued from page 1)

“Matt plays a key role for the department as a leading traumatologist and educator,” said Dr. Kevin Garvin, professor and chair of the Department of Orthopaedic Surgery. “We are fortunate to have him not only in the department, but also as a key representative in the operating rooms at The Nebraska Medical Center. Simply put, Matt is a surgeon’s surgeon!”

For those who might be wondering how this will affect his other duties, there is no need for concern. He does not plan on giving any of them up anytime soon. Although Dr. Mormino is dedicated to his new position, he is equally as dedicated to his busy clinical and surgical practice, as well as to his responsibilities with the educational program. In his opinion, it is vital to teach the aspects of each of these areas in order to provide a well-balanced, superior educational experience.

“One without the other only provides a portion of the vision these young physicians need in order to hone their skills as successful clinicians and surgeons,” said Dr. Mormino. “I do not see this new duty as taking away from my other responsibilities. In my opinion, it is another educational tool, affording the residents a glimpse of what they can accomplish on an administrative front, as well as in the clinic and OR.”

In addition, Drs. Anthony Lauder and Susan Scherl have joined together to form a resident education committee and will assist Dr. Mormino during this academic year. They will help him with numerous duties that are extremely time-consuming for one person, and offer additional perspective when it comes to things like analyzing prospective resident applications, etc.

Despite Dr. Mormino’s strict guidelines and high expectations for his residents, the overall consensus is one of great respect and admiration for his leadership and teaching methods. Over the years, his residents have continued to express their unwavering support,

through both their words and actions. Dr. Mormino joined the department in 1997, and at the end of his first year as a faculty member was honored with the Award for Faculty Excellence in Teaching Orthopaedic Surgery Residents, an award given each year by the orthopaedic residents during the graduation ceremonies. He received this award for three consecutive years (1998-2000), and again in 2004 and 2005.

“Dr. Mormino is a selfless leader promoting the highest standard of care for patients with musculoskeletal injury through his clinical and administrative practice. Through example, he has taught many surgeons the principles required to achieve wellness in patients after trauma,” stated Ivan Tarkin, M.D., Chief of Orthopedic Trauma at the University of Pittsburgh Medical Center, and a 2005 alumnus of the program. “I am one of his proud students. I owe a majority of my professional success to his mentoring during my residency at the University of Nebraska Medical Center.”

It was not long before others outside of the department began to take note of Dr. Mormino’s teaching abilities as well. In 2002, Dr. Mormino received UNMC’s College of Medicine Outstanding Teacher Award, quite an honor for such a young educator considering only three faculty members from the College of Medicine receive this each year.

An article published in the UNMC Today at that time commented on Dr. Mormino’s return to the department as an educator, after previously graduating from the program as a resident (1996) and completing a trauma fellowship at the University of Washington (1997). It stated, “He returned to UNMC in 1997 because he had a talent that UNMC needed – not one orthopaedic surgeon in Nebraska specialized in fracture care.” The article, which was published in 2002, reported that in the four years since his return, three residents had followed Dr. Mormino’s path and continued into orthopaedic trauma. To date, it has been 12 years since Dr. Mormino

returned to the department, and the number of residents who have chosen orthopaedic trauma as a specialty has impressively grown to nine (he counts Drs. Mike Clare and Lori Reed in the group), yet another testament to an inspiring educator.

In 2005, Dr. Mormino was also honored with the *Herman Frank Johnson, M.D., Professor of Orthopaedic Surgery and Rehabilitation* for demonstrating outstanding surgical and academic skills, and excelling as director of the residency program.

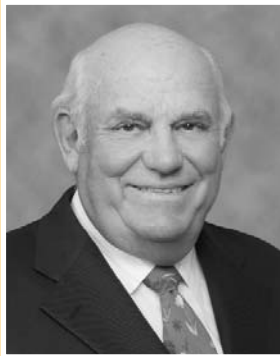
“Dr. Mormino’s influence on my career has been enormous,” stated Justin Siebler, M.D., chief resident of UNMC orthopaedics. “His advocacy for patients and attention to detail has been a great example for me to follow. He is the residents’ greatest advocate; yet he is not afraid to let you know if you are not performing up to his standards. His impact on the residency program cannot be overstated. His demands of doing what is right will stay with all his residents throughout their careers.”

Although Justin will graduate from the program this June and move onto another stage of his career, he is confident in knowing that Dr. Mormino’s door will always be open to him, and that many future classes of residents will reap the benefit of having Dr. Mormino as their educator, mentor, and friend.

“I am thankful to have him as a mentor throughout my up-coming career in Orthopaedic Traumatology,” said Dr. Siebler. “Our excellent program would not be where it is today without his exceptional leadership as program director.”

Teacher, clinician, surgeon, administrator. Next time you see Dr. Mormino in the hall, you may wonder, ‘which of his many hats is he wearing today?’ . . . and just as you are thinking there is not room for one more thing in your day, follow his example and remember, if there’s a will, there’s a way.

Dr. Lawrence D. Dorr is Featured Speaker for Graduation



The department is proud to announce Dr. Lawrence D. Dorr as the guest speaker for this year's graduation ceremonies, to be held

June 26 – 27, 2009. Dr. Dorr is the founder and medical director of The Dorr Arthritis Institute in Los Angeles, CA.

A world leader in hip and joint replacement surgery and research, Dr. Dorr has authored over 180 peer-reviewed articles and abstracts, 31 book chapters, has given over 350 presentations at national and international conferences, and is frequently an invited

lecturer. He has performed more than 3,500 hip and knee replacements in the past decade.

At an early stage in his career Dr. Dorr made a name for himself through implant design, with the APR stem (1984) that remains in use today, and the Apollo knee replacement (early 1990s). More recently he merged his knee technology with Aaron Hofmann, who designed the Natural Knee; and is also designing a new hip prosthesis, which is a short stem, minimally bone invasive hip replacement. Dr. Dorr is the leading clinical researcher in computer navigation for total hip replacement and the research team at the Arthritis Institute is one of the top five research centers in the world for total hip replacement.

Dr. Dorr is a member of the American Association of Orthopaedic Surgeons, the American Orthopaedic Association, the American Medical Association, and the

Association for Bone and Joint Surgeons, amongst many others. In addition, he is a member of the Hip Society, the Knee Society, the American Association of Hip and Knee Surgeons (AAHKS), and the only surgeon to be president of all three groups. He was a founding member of both the Knee Society and the AAHKS.

Born only a stone's throw away in Storm Lake, Iowa, Dr. Dorr is familiar with the Midwest. He attended medical school at the University of Iowa Medical School and completed his orthopaedic residency at LAC-USC Medical Center in Los Angeles, California. Dr. Dorr completed his fellowship at The Hospital for Special Surgery in New York, and also served three years in the United States Navy, Medical Corps, in Jacksonville, Florida.

(Continued on page 8)

Graduation Celebration Planned for June 26-27

Save the Date! Graduation is coming soon and we hope to see you there. We invite you to join us in celebrating the achievements of our soon-to-be graduates, Drs. Erica Burns, Casey Johnston, Brian Kleiber, and Justin Siebler. As mentioned above, Dr. Lawrence Dorr, founder and medical director of The Dorr Arthritis Institute in Los Angeles, California, will be our featured speaker. Here is a tentative schedule:

Friday, June 26, 2009:

7:30 a.m.

Resident Presentations:
Michael F. Sorrell Center for
Health Science Education
Seminar Room 2010
UNMC Campus
Golf outing to follow

Saturday, June 27, 2009:

7:30 a.m.

Total Joint Symposium
Michael F. Sorrell Center for
Health Science Education
Seminar Room 2010
UNMC Campus

6:00 p.m.

Banquet:
Omaha Country Club
6900 Country Club Road
Omaha, NE

Congratulations to the Upcoming Graduates of 2009



Left to right: Drs. Casey Johnston, Justin Siebler, Brian Kleiber, and Erica Burns.

Please join us in congratulating the upcoming graduates of 2009. Listed below are their names and upcoming fellowship opportunities.

- **Erica M. Burns, M.D.:** Shoulder and Elbow Fellowship, University of Washington Medical Center, Seattle, WA
- **Casey D. Johnston, M.D.:** Sports Medicine Fellowship, Minnesota Sports Medicine, Minneapolis, MN
- **Brian D. Kleiber, M.D.:** Foot and Ankle Fellowship, Washington University Medical Center, St. Louis, MO
- **Justin C. Siebler, M.D.:** Orthopaedic Trauma Fellowship, Florida Orthopaedic Institute, Tampa, FL

Faculty Publications, Presentations, and Honors

Department faculty members present many lectures, seminars, and courses locally, regionally and nationally. They also serve in leadership positions and offices for local, state, national and international organizations. Here are some of our faculty and staff's presentations and publications, awards and achievements, offices held, and other professional activities from November 2008 – May 2009.

Publications:

Fehring, E.; Burns, E.; Knierim, A.; Sun, J.; Apker, K.; and Berg, R.: Radiolucencies Surrounding a Smooth-Stemmed Radial Head Component May Not Correlate with Forearm Pain or Poor Elbow Function. *The Journal of Shoulder and Elbow Surgery*, 18(2): 275-8, March-April 2009.

Reed, L., and Mormino, M.: Distal Tibia Nonunions and Malunions. *Operative Techniques in Orthopaedics*, 18(2): 128-135, April 2009.

Samuelson, E.; Cordero, G.; and Fehring, E.: Fracture of a Reverse Total Shoulder Arthroplasty Retentive Liner. *Orthopedics*, 32(3): 211, March 2009.

Lian, J.; Zhang, J.; Namavar, F.; Haider, H.; Garvin, K.; and Ewing, R.: Phase Stability of Nanostructurally-Stabilized Pure Cubic ZrO₂ under Ion Beam Irradiation. *Proceedings of the Symposium Microstructural Processes in Irradiated Materials, the Minerals, Metals and Materials Society (TMS) Annual Meeting and Exhibition*, San Francisco, CA, February 15-19, 2009.

Garvin, K.; Hartman, C.; Mangla, J.; Murdoch, N.; and Martell, J.: Wear Analysis in THA Utilizing Oxidized Zirconium and Crosslinked Polyethylene. *Clinical Orthopaedics and Related Research*, 467(1): 141-5, January 2009.

Reed, L., and Mormino, M.: Distal Tibia Nonunions. *Foot and Ankle Clinics*, 13(4): 725-735, December 2008.

Soo, Y.; Chen, P.; Huang, S.; Shiu, T.; Tsai, T.; Chow, W.; Lin, Y.; Weng, S.; Chang, S.; Wang, G.; Cheung, C.; Sabirianov, R.; Mei, W.; Namavar, F.; Haider, H.; Garvin, K.; Lee, J.; Lee, H.; Chu, P. Local Structures Surrounding Zr in Nanostructurally Stabilized Cubic Zirconia: Structural Origin of Phase Stability. *J. Appl. Phys.*, 104, December 2008.

Fehring, E.; Sun, J.; VanOeveren, L.; Keller, B.; and Matsen, F. I.: Full Thickness Rotator Cuff Tear Prevalence and Correlation with Function and Co-Morbidities in Patients 65 Years and Older. *The Journal of Shoulder and Elbow Surgery*, 17(6): 881-85, November-December 2008.

Haider, H., and Garvin, K.: Rotating Platform versus Fixed-bearing Total Knees: An In Vitro Study of Wear. Papers presented at the annual meeting of The Knee Society. *Clinical Orthopaedics and Related Research*, 466(11): 2677-85, November 2008.

Luria, S.; Lauder, A.; and Trumble, T.: Comparison of Ulnar Shortening Osteotomy with a New Trimmed Dynamic Compression System versus the Synthes Dynamic Compression System: Clinical Study. *J Hand Surg (Am)* 33(9): 1493-1497, November 2008.

Vandenburg, E.; Tweeter, K.; and Mormino, M.: Hip Fracture Care: Perioperative and Rehabilitative Management. Online article. *AAMC MedEd PORTAL*, November 2008.

Book Chapters and Reviews:

Fehring, E.: Associate Editor: *The Shoulder, 4th Edition*, Saunders, Philadelphia, PA. February 2009.

Matsen, FA. III; Fehring, E.; Lippitt, S.; Wirth, M.; and Rockwood, CA Jr.: Rotator Cuff. In *The Shoulder, 4th Edition*, Ch. 15, eds. Rockwood, CA Jr; Matsen, FA. III.; Wirth, M.; and Lippitt, S., Saunders, Philadelphia, PA, February 2009.

Scherl, S.: Editor: *Surgical Management of Pediatric Long Bone Fractures Monograph*. American Academy of Orthopaedic Surgeons, Chicago, IL, February 2009.

Esposito, P.: Monteggia and Galeazzi Fracture Dislocations of the Forearm in Children. In *Surgical Management of Pediatric Long Bone Fractures Monograph*, Chapter 5, Ed. Scherl, S., Chicago, IL, American Academy of Orthopaedic Surgeons, February 2009.

Hasley, B.: Fractures of the Wrist and Forearm. In *Surgical Management of Pediatric Long Bone Fractures Monograph*, Chapter 6, Ed. Scherl, S., Chicago, IL, American Academy of Orthopaedic Surgeons, February 2009.

Lauder AJ; Trumble TE: The Ulnar Shortening Osteotomy. In *Fractures and Injuries of the Distal Radius and Carpus – The Cutting Edge*, Slutsky, DJ & Osterman, AL (eds). Saunders Elsevier, Philadelphia, PA: Chapter 32, December 12, 2008.

Awards and Achievements:

Congratulations to **Dr. Kevin Garvin**, who was selected as one of Castle Connolly's "America's Top Doctors" for 2009-2010.

During the AOA Faculty Honors Convocation in March of this year, **Dr. Paul Esposito** was

honored with a "Special Achievement Award" for holding the offices of President of the Medical Staff and Member of the Board of Directors at Children's Hospital and Medical Center, as well as Member of the Board of Directors at One World Community Health Center.

Dr. Hani Haider was the recipient of the "Iraqi Academic Conference Award" given to four of the most distinguished academics of Iraqi origin in the United States, in recognition of accomplishments in Engineering. The award was presented at the Iraqi Academic Conference, jointly hosted at the US National Academies and the Iraqi Cultural Office in Washington, DC, March 2009.

Congratulations to **Dr. Fereydoon Namavar**, who was one of the UNMC researchers featured in the Fall 2008 issue of UNMC Discover magazine. Dr. Namavar and his team mimicked the properties of the lotus leaf to create a novel nanostructure coating for orthopaedic implants.

Kudos to **Drs. Ryan Arnold, Erica Burns, Casey Johnston, and Michael Shevlin**, who were recipients of the Mid-America Orthopaedic Association's Educational Grant to attend the 2009 Annual Meeting.

The **2009 recipient of the J.R. Neff Award** was Xiping Zhang, Ph.D., from the University of Rochester for his study entitled, "Engraftment of Gli2 Activated MSCs for Improved Bone Allograft Healing." The J.R. Neff Award was established in January of 2007 by the Musculoskeletal Transplant Foundation (MTF) in honor of the late Dr. James R. Neff, who served as president of MTF's Medical Board of Trustees and also as a member of the Board of Directors. Dr. Neff was chair of the Department of Orthopaedic Surgery and Rehabilitation from 1991-2000.

Congratulations to **Daniel Hatz**, recipient of the Val G. Hemming Award for best paper by a Uniformed Services medical student for his paper entitled, "Incidence of Spondylolysis and Spondylolisthesis in Children with Osteogenesis Imperfecta." Dan is a medical student who recently worked under Dr. Paul Esposito, and received the award at the 43rd Annual Uniformed Services Pediatric Seminar in Indianapolis, Indiana, March 8-11, 2009.

Memberships and Offices Held:

Congratulations to **Dr. Kevin Garvin** who is a member of the Hip Society Finance Committee (2009 – present). Dr. Garvin is also currently the Hip Society's representative on the Board of Specialty Societies (BOS) for the American Academy of Orthopaedic Surgeons (2009).

(Continued on page 6)

Publications, Presentations, and Honors

(Continued from page 5)

On March 14, 2009, **Dr. Hani Haider** became the program chair and a member of the Executive Committee of the International Society for Technology in Arthroplasty.

Kudos to **Dr. Paul Esposito** who is currently serving on the Board of Directors Executive Committee at Children's Hospital and Medical Center (January 2009 – 2010).

Dr. Susan Scherl is serving on several committees this year, including the American Academy of Orthopaedic Surgeons Leadership Development Committee (2009-2010); a two-year appointment on the Orthopaedic Trauma Association Membership Committee (2009-2010); the Pediatric Orthopaedic Society of North America Education Committee (2009-2010); and the Pediatric Orthopaedic Society of North America Specialty Day Committee (2009).

In February of this year, **Dr. Lori Reed** was accepted for Active Fellowship in the American Academy of Orthopaedic Surgeons.

Kudos to **Dr. Miguel Daccarett**, who was accepted for membership in the Orthopaedic Trauma Association in 2008.

Congratulations to **Dr. Beau Konigsberg**, who has been accepted for membership in the Metro Omaha Medical Society (2008), the Nebraska Medical Association (2008) and the Mid-America Orthopaedic Association (2009).

Recent Grants Received:

Haider, H.: Design and Implementation of Novel Testing Methodology for Durability of Novel Partial Tibiofemoral Cartilage Repair Replacement Components. Collaborative research, Arthrex, Inc./FL, December 2008, Principal Investigator.

Haider, H.: Determining the Fatigue Strength of Novel Partial Tibial Uni-compartmental Cartilage Replacement Knee Components. Supplementary contract to the collaborative research funded by Arthrex, Inc./Naples, FL, December 2008, Principal Investigator.

Haider, H.: Phase II: Determining the Fatigue Strength of Novel Partial Femoral Uni-compartmental Cartilage Replacement Knee Components. Supplementary contract to the collaborative research funded by Arthrex, Inc./Naples, FL, March 2009, Principal Investigator.

Presentations, International and National:

Namavar, F.; Sabirianov, R.; Jackson, J.; Sharp, J.; Gustafson, T.; Namavar, R.; Haider, H.; Fehring, E.; and Garvin, K.: Biocompatibility of Engineered Nanostructures: Does Electrostatic and Steric Complementarity Between Designer Surface and Cells Enhance Adhesion and Growth? *12th Seminar and Meeting on: Surface-Reactive Biomaterials with Cells and Tissues*, Faenza, Italy, May 2009.

Konigsberg, B.; Ting, N.; Burns, J.; Qui, F.; and Della Valle, C.: Presentation: Acute Hematogenous Infection Following Total Hip and Knee Arthroplasty. *Annual Meeting of the Mid-America Orthopaedic Association*, Amelia Island, FL, April 22-25, 2009.

Scherl, S.: Non-accidental Trauma in Children. *AAOS/OTA Trauma Update CME Course*, Orlando, FL, April 2, 2009.

Scherl, S.: Pediatric Tibial Shaft Fractures. *AAOS/OTA Trauma Update CME Course*, Orlando, FL, April 2, 2009.

Hartman, C.; Haider, H.; Branting, N.; Mormino, M.; and Fehring, E.: Podium Presentation: Unicortical Locking Screws Provide Comparable Rigidity to Standard Screws in Clavicle Fixation. *Mid-America Orthopaedic Association Annual Meeting*, Amelia Island, FL, April 2009.

Arnold, R.; Weber, J.; Sun, J.; and Fehring, E.: Podium Presentation: Pre-op Elevation Predicts Post-op Elevation in CTA Hemiarthroplasty for Shoulders without Escape. *Mid-America Orthopaedic Association Annual Meeting*, Amelia Island, FL, April 2009.

Fehring, E.; Sun, J.; Cotton, J.; Carlson, M.; and Burns, E.: Podium Presentation: Healed Cuff Repairs Have Scores Equal to Untorn Shoulders in Those 65 Years and Older. *Mid-America Orthopaedic Association Annual Meeting*, Amelia Island, FL, April 2009.

Shevlin, M.; Hatzidakis, A.; Nowinski, R.; and Fehring, E.: Podium Presentation: Clinical and Radiographic Outcomes Following ORIF of 2-part Proximal Humerus Fractures with a Short, Locked Nail. *Mid-America Orthopaedic Association Annual Meeting*, Amelia Island, FL, April 2009.

Dee, M.; Sojka, J.; Daccarett, M.; and Mormino, M.: Evaluation of Popliteal Artery Injury with Locked Lateral Plating of the Tibial Plateau. *Mid-America Orthopaedic Association Annual Meeting*, Amelia Island, FL, April 2009.

Nystrom, A.; Klemke, M.; and Schwarz, D.: Poster Presentation: Outcomes Study: Soft Tissue Surgery for Treatment of Posttraumatic Headaches (Whiplash Associated Disorders) with Photophobia. *5th World Congress of the World Institute of Pain*, New York, NY, March 13-16, 2009.

Esposito, P.: Symposium Presentation: Surgical Management on the Osteogenesis Imperfecta Lower Extremity. *2009 Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 28, 2009.

Garvin, K.: Femoral Component Revision: How to Obtain Fixation. Instructional Course Lecture: How to do a Revision Total Hip Arthroplasty. *Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 27, 2009.

Frick, S.; Scherl, S.; and Shea, K.: Femoral Shaft and Distal Femur Fractures. Instructional Course Lecture: Lower Extremity Fracture Management in Children and Adolescents: What You Need to Know. *2009 Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 27, 2009.

Scherl, S.: Moderator: Pediatric Papers, Session II. *2009 Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 27, 2009.

Arnold, R.; Weber, J.; Sun, J.; and Fehring, E.: Pre-op Elevation Predicts Post-op Elevation in CTA Hemiarthroplasty for Shoulders without Escape. Paper #560. *2009 Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 27, 2009.

Garvin, K.: Total Knee Arthroplasty Infection: Diagnosis and Treatment. Instructional Course Lecture: Complications after Total Knee Arthroplasty. *2009 Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 26, 2009.

Anglen, J.; Nana, A.; Scherl, S.; and Varecka, T.: Pediatric Orthopaedic Emergencies. Instructional Course Lecture: Acute Trauma: Getting Through the Night. *2009 Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 26, 2009.

Garvin, K.L.: Navigated Total Knee Arthroplasty. Symposium: Current Controversies and Techniques in Total Knee Arthroplasty, *2009 Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 25, 2009.

(Continued on page 7)

Publications, Presentations, and Honors

(Continued from page 6)

Scherl, S.; Rathjen, K. G., J.; Kiefer, G.; Georgopoulos, G.; Murphy-Zane, M.; Blazier, R.; Schoenecker, P.; and Epps, H.: Podium Presentation: Opinion Survey Regarding Pediatric Orthopaedic Trauma Call and Emergency Trauma Management. *2009 Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 25, 2009.

Konigsberg, B.; Ting, N.; Burns, J.; Qui, F.; and Della Valle, C.: Poster Presentation: Acute Hematogenous Infection Following Total Hip and Knee Arthroplasty. *2009 Annual Meeting of the American Academy of Orthopaedic Surgeons*, Las Vegas, NV, February 25-28, 2009.

Hartman, C.; Haider, H.; Branting, N.; Mormino, M.; and Fehringer, E.: Poster Presentation #1536: Unicortical Locking Screws Provide Comparable Rigidity to Standard Screws in Clavicle Fixation. *55th Annual Meeting of the Orthopaedic Research Society*, Las Vegas, NV, February 22-25, 2009.

Angibaud, L.; Steffens, J.; Rundell, S.; Hayes, A.; Weisenburger, J.; and Haider, H.: Poster Presentation: Effects of Tibial Insert Slope on Polyethylene Wear and Stress. *Orthopaedic Research Society*, Las Vegas, FL, February 2009.

Haider, H.; Weisenburger, J.; Kurtz, S.; Rinnac, C.; Freedman, J.; Schroeder, D.; and Garvin, K.: Poster Presentation: Highly Crosslinked UHMWPE in TKA - Does Vitamin-E-established Polyethylene Address our Concerns? *Orthopaedic Research Society*, Las Vegas, NV, February 2009.

Garvin, K.: Periprosthetic Patella Fractures. *International Congress for Joint Reconstruction*, Orlando, FL, December 10-13, 2008.

Garvin, K.: Revision THA: Insertion of a Fully Coated Stem. *International Congress for Joint Reconstruction*, Orlando, FL, December 10-13, 2008.

Garvin, K.: Total Hip Arthroplasty: Difficult Cases. *International Congress for Joint Reconstruction*, Orlando, FL, December 10-13, 2008.

Scherl, S.: Pediatric Injury Prevention. *Practical Pediatrics CME Course*, FL, American Academy of Pediatrics, Amelia Island, November 8, 2008.

Scherl, S.: Pediatric Sports Medicine and Overuse Syndromes. *Practical Pediatrics CME Course*, American Academy of Pediatrics, Amelia Island, November 7, 2008.

Scherl, S.: Common Pediatric Fractures. *Practical Pediatrics CME Course*, American Academy of Pediatrics, Amelia Island, November 6-8, 2008.

Scherl, S.: Orthopaedic Aspects of Child Abuse. *Practical Pediatrics CME Course*, American Academy of Pediatrics, Amelia Island, November 6, 2008.

Mormino, M.: Musculoskeletal Infections. *American Academy of Orthopaedic Surgeons Maintenance of Certification Course*, Los Angeles, CA, November 2008.

Nystrom, A.: Invited Lecture: Whiplash Associated Disorders - Diagnosis and Treatment. *Trigger-Punkt Conference*, Helsingborg, Sweden, November 2008.

Presentations, Regional and Local:

Esposito, P.: Office Orthopaedics Exam and Treatment of Common Musculoskeletal Problems. *Steven A. Chartrand 12th Annual Practical Pediatrics Update*. Qwest Center, Omaha, NE, Children's Hospital, February 13, 2009.

Nystrom, A.: Invited Lecture: A Discussion on Surgery for Pains of Unclear Origin Based on Experiences from Treatment of Whiplash. *University of Nebraska Medical Center*,

Department of Obstetrics and Gynecology. Omaha, NE, February 2009.

Nystrom, A.: Invited Lecture: Surgical Approaches to Chronic Musculoskeletal Pain. *Oregon Health and Science University School of Medicine, Forensic and Trauma Epidemiology Medical Students*. Portland, OR, January 2009.

Nystrom, A.: Invited Lecture: The University of Nebraska Medical Center Whiplash Initiative. *Presentation to the CEO, Executive Director of Academic Affairs and Medical Director of the King Fahad Specialist Hospital Dammam (KFSHD) from the Kingdom of Saudi Arabia*. University of Nebraska Medical Center, Omaha, NE, January 2009.

Mormino, M.: Course Faculty. *AO/ASIF Basic Principles and Techniques of Operative Fracture Management*. Charlotte, NC, January 2009.

Mormino, M.: Tibial Plateau Fractures. *AO/ASIF Principles of Fracture Management Resident Course*. Charlotte, NC, January 2009.

Mormino, M.: Basics of Screw Design and Function. *AO/ASIF Principles of Fracture Management Resident Course*. Charlotte, NC, January 2009.

Daccarett, M.: Effect of Injury on Bone and Soft Tissue. *AO/ASIF Basic Principles and Techniques of Operative Fracture Management*. Charlotte, NC, January 2009.

Garvin, K.: Infection in Orthopaedic Surgery. *Maintenance of Certification Course, American Academy of Orthopaedic Surgeons*. Boston, MA, December 4, 2008.

Nystrom, A.: Invited Lecture: Surgical Treatment Strategies for Chronic Soft Tissue (Mechanical) Neck Pain. *Creighton University, Department of Surgery Grand Rounds*. Omaha, NE, December 2008.

Nystrom, A.: Invited Lecture: Hand Trauma - Evaluation and ED Treatment. *Creighton University, Department of Emergency Grand Rounds*. Omaha, NE, December 2008.

Dr. Fehringer Doubles as Author, Associate Editor

Congratulations to Dr. Edward Fehringer, who recently was not only a chapter author, but also an associate editor of *The Shoulder, 4th Edition*, a two-volume series that came out in February. Dr. Fehringer co-authored chapter 15, entitled "Rotator Cuff." Dr. Fehringer is an associate professor, who joined the Department of Orthopaedic Surgery in 2003. He has published 19 articles in peer-reviewed journals and seven book chapters.



Nebraskans at the AAOS/ORS

AAOS
AMERICAN ACADEMY OF
ORTHOPAEDIC SURGEONS

2009
Annual Meeting
February 25-28
Las Vegas, Nevada

Nearly 45 Nebraska orthopaedic alumni and their guests traveled to Las Vegas, Nevada, to attend this year's Nebraska alumni banquet held February 27th at the Planet Hollywood Resort and Casino, in conjunction with the American Academy of Orthopaedic Surgeons (AAOS) annual meeting February 25-28, 2009.

During this year's AAOS meetings, faculty, residents and staff gave two podium presentations, a poster presentation, participated in four instructional course lectures, spoke at two symposiums, and served as moderator of one session. The full list of participants is listed below:

Robert L. Barrack, MD, Daniel J. Berry, Robert B. Bourne, Thomas K. Fehring, MD, Kevin L. Garvin, MD, et al. Symposium A: Current Controversies and Techniques in Total Knee Arthroplasty; Dr. Garvin's presentation title: The Argument against Navigation in TKR.

Arabella Leet, MD, Donald Bae, MD, Paul Esposito, MD, Vernon Tolo, MD; Moderator: James Kasser, MD. Specialty Day Symposium: Osteogenesis Imperfecta (OI) Update; Dr. Esposito's presentation title: Surgical Management of the O.I. Lower Extremity.

Kevin J. Bozic, MD, Kevin L. Garvin, MD, M.W. Pagnano; Moderator: David G. Lewallen, MD. Instructional Course #204: Complications after Total Knee Arthroplasty; Dr. Garvin's presentation title: Infected Total Knee Arthroplasty: Prevention and Management.

Jeffrey Anglen, MD, Arvind D. Nana, MD, Susan A. Scherl, MD, Thomas F. Varecka, MD; Moderator: Andrew H. Schmidt, MD. Instructional Course #286: Acute Trauma: Getting through the Night; Dr. Scherl's presentation title: Pediatric Orthopaedic Emergencies.

Steven L. Frick, MD, Susan A. Scherl, MD, Kevin G. Shea, MD; Moderator: Anthony A. Stans, MD. Instructional Course #317: Lower Extremity Fracture Management in Children and Adolescents: What You Need to Know; Dr. Scherl's presentation title: Femoral Shaft and Distal Femur Fractures.

Kevin L. Garvin, MD, Wayne G. Paprosky, MD; Moderator: Robert T. Trousdale, MD. Instructional Course #341: How to do a Revision Total Hip Arthroplasty; Dr. Garvin's presentation title: Femoral Component Revision: How to Obtain Fixation.

Susan Scherl, MD. Moderator: Pediatric Papers II.

Scherl, Susan; Rathjen, Karl; Gerardi, Joseph; Kiefer, Gerhard; Georgopoulos, Gaia; Murphy-Zane, M Siobhan; Blazier, RD; Schoenecker, P; Epps, Howard. Podium Presentation - Paper #85: Opinion Survey Regarding Pediatric Orthopaedic Trauma Call and Emergency Trauma Management.

Ryan M. Arnold, MD, Junfeng Sun, PhD, Jason P. Weber, BS, and Edward V. Fehring, MD. Podium Presentation - Paper #560: Outcomes Following Hemiarthroplasty with Tuberosity Coverage for Chronic Rotator Cuff Deficiency with Arthritis.

Beau S. Konigsberg, MD, Nick Ting, BA, Jeffrey Burns, MD, Fang Qiu, MS, Craig Della Valle, MD. Poster Presentation #148: Treatment of Acute Hematogenous Infection in Total Joint Arthroplasty.

The Orthopaedic Research Society's annual meeting, held in conjunction with the AAOS meeting, took place at the Sands Expo Convention Center in Las Vegas, Nevada, February 22-25, 2009. Faculty, residents and staff represented the department with three poster exhibits, listed below:

Curtis W. Hartman, MD, Hani Haider, PhD, Nicholas C. Branting, BS, Matthew Mormino, MD, and Edward Fehring, MD. Poster #1536: Unicortical Locking Screws Provide Comparable Rigidity to Standard Screws in Clavicle Fixation.

Haider, H, Weisenburger, JN, Kurtz, SM, Rimnac, CM, Freedman, J., Schroeder, DW, Garvin, KL. Poster #2328: Highly crosslinked UHMWPE in TKA - Does Vitamin-E-stabilized polyethylene address our concerns?

Angibaud, L., Steffens, J., Rundell, S., Hayes, A., Weisenburger, J., Haider, H. Poster #2391: Effects of Tibial Insert Slope on Polyethylene Wear and Stress.

For a full list of recent presentations and publications by our faculty, residents and staff, see "Presentations, Publications and Honors" in the attached insert.

Dr. Lawrence D. Dorr is Featured Speaker for Graduation

(Continued from page 4)

He and his wife have made several philanthropic contributions to the community, including a \$2 million donation to the University of Iowa, Department of Orthopaedics for a Chair in hip surgery. However, their favorite charity is an organization Dr. Dorr founded in 1995, called

Operation Walk. A private, not-for-profit, volunteer medical services organization, Operation Walk provides free surgical treatment for patients in developing countries (and occasionally in the US), that have no access to life-improving care for arthritis or other debilitating bone and joint conditions. Each year Institute physicians, nurse and volunteers travel to medically impoverished

locales with a goal of completing 50 to 60 hip or knee replacements per trip. As part of this work they also teach and train local physicians and nurses. Dr. Dorr was recognized for Operation Walk as the Humanitarian of the Year in 2006 by the American Academy of Orthopaedic Surgeons in Washington, DC.

Employee Honors and Awards

Congratulations to those employees listed below, and thank you for your outstanding efforts and ongoing support of the department's mission!

Silver U Award

The Chancellor's Silver U Award is a UNMC program that "recognizes strong consistent performers, whose daily contributions or special achievements help meet UNMC's mission."



Silver U, January 2009

Chris Pracht, Medical Transcriptionist

More often than not, the unsung heroes of an office are those who do jobs that others rarely think about, but have a profound impact on the day to day operations of a department. Interestingly enough, those employees are almost always the ones that rarely sing their own praises, work the hardest and expect the least in return. It is for these reasons and many more that Christ Pracht received the Silver U Award in January of this year.

A medical transcriptionist with the department since October of 2003, "Chris is the kind of employee that everyone covets but is hard to find," said her nominee, Dave Staiert, department administrator. "She simply does her job, no fuss, no drama, and does it in a competent and very professional manner."

The job of a medical transcriptionist (as with many other office professional jobs), while not always a glamorous one, does hold many important responsibilities. Completing notes in a timely and accurate manner, so that patients and their referring physicians are kept abreast of their medical care, is vital to providing quality patient care. Experienced transcriptionists are adept at spotting mistakes or inconsistencies in medical documentation and check to correct the information. They often must act as a checks and balances system of sorts between themselves and the dictating providers, editing documents for mistakes

in translation, punctuation, or grammar, and double-checking for consistency. Their ability to understand and correctly transcribe patient assessments, diagnoses and treatments, reduces the chance of patients receiving ineffective or even harmful treatments and ensures high-quality patient care. In addition, ensuring that notes are completed efficiently and documented accurately also helps facilitate financial reimbursement for the clinic. Many people do not realize that billing charges can not be posted until the medical transcription is completed. Chris manages all of these responsibilities well and takes great pride in doing her job, which is evident in her work.

Over the years, serious health and family issues required Chris' attention at home and at one point nearly forced her to resign from the department. However, various coworkers and faculty members in the department recognized her hard work and dedication, and fought for her to stay on through an arrangement to work from home, which enabled her to remain a part of the team and still address her personal issues.

"Not ever having an employee work from home, I was very leery," said Staiert, "but Chris didn't let me down. She starts her day at 3:30 a.m. and completes her shift at 11:30 a.m. and has *increased* her productivity."

During her five years with the department Chris has repeatedly risen to the demands and challenges of her position, and embraced her duties as a way to help patients and co-workers alike. She is a loyal employee, a team player, a caring co-worker, and a much-deserving recipient of the Silver U Award.

Years of Service Awards



March 2009

*Elise Balaban
Transcriptionist II*

5 years of service, UNMC



November 2009

*David Staiert, M.B.A.
Administrative Director*

20 years of service, UNMC



ACGME Accreditation Extended Through 2013

The Accreditation Council for Graduate Medical Education (ACGME) granted the Department of Orthopaedic Surgery and Rehabilitation's Residency Program continued accreditation until the year 2013. Kudos to all the faculty, residents and staff that work hard to make this program a success!

Continuing Education and Grand Rounds

All UNMC orthopaedic alumni are welcome to attend the following continuing education seminars and Grand Rounds presented by department faculty, current residents, and guest speakers. Please call the department at (402) 559-4533 to check on possible updates to this schedule.

May 2009

- 4 Scapula Fractures (Dr. Fehringer)
- 11 ACL Injuries in the Skeletally Immature Patient (Dr. Dietrich)
- 18 TBA (Dr. McGarry)
- 25 *No Conference: Memorial Day*

June 2009

- 1 Hip Biomechanics (Dr. Haider)
- 8 TBA (Dr. Arnold)
- 15 Osteogenesis Imperfecta (Dr. Esposito)
- 22 Morbidity and Mortality
- 26-27 *Graduation Ceremonies*
- 29 *No Conference*

What's new with you?

We want to hear from you! Drop us a line so we can share your news of professional activities and honors with friends and colleagues. Fax us at (402) 559-5511 or E-mail: dmeyer@unmc.edu



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