Dr. McGarry named to Neff Chair

Dr. Haider receives Award of Merit, Fellowship status

Dr. McGarry, associate professor, orthopaedic surgery and rehabilitation, joined the UNMC faculty in 2005. He grew up in central Iowa, attending Creighton University for college and medical school and then the University of Colorado for his orthopaedic residency.

He earned both clinical and research fellowships in orthopaedic oncology from the University of Florida. During 2005, while completing his research fellowship and serving as an instructor at the University of Florida, Dr. McGarry was called into service at UNMC following the death of Dr. Neff. He traveled to Omaha each month for eight months so that people in the region would have a specialist at UNMC who could treat their musculoskeletal oncology problems.

The James R. Neff, M.D., Chair of Musculoskeletal Oncology Fund was established through the University of Nebraska Foundation. This permanent endowment was funded for the purpose of advancing research, education and clinical work in the area of musculoskeletal oncology at UNMC. It is stipulated that the recipient of this chair be a full-time faculty member in the orthopaedic department, have a focus on the field of musculoskeletal oncology and be widely recognized as an expert clinician and/or researcher.

Since 2005, Dr. McGarry has

see ONCOLOGY pg. 4

Hani Haider, Ph.D., was granted the Award of Merit and honorary title of “Fellow” by the American Society of Testing and Materials (ASTM International) during the biannual meeting in Toronto.

Dr. Haider, professor in the Department of Orthopaedic Surgery and Rehabilitation, and director of the Biomechanics and Advanced Surgical Technologies Laboratory was recognized for his “outstanding leadership and high productivity in fostering the development and promulgation of surgical implant standards for medical and surgical materials and devices.”

The award was presented by Thomas Marsh, chairman of the ASTM board, and is the highest award granted by the society for distinguished service and outstanding contribution in ASTM International committee activities.

Marsh praised Dr. Haider for his help in making “our world work better by contributing directly to the safety, quality, and reliability of products worldwide.”

In accepting the award, Dr. Haider confirmed his pride “for Nebraska and UNMC to have its contributions internationally recognized for something so significant as the preclinical testing and safety of patients with artificial joint replacements.”
Message from the chair

A season of growth

This year has seen much development as we settle into our new space at the Lauritzen Outpatient Center and Fritch Surgery Center and we are already noticing the positive effects this facility is having on our department.

This summer, we welcomed three new faculty members to our department. Dr. Matthew Tao will be a valuable addition to our sports medicine program, bringing experience in arthroscopic surgery. You may remember Dr. Daniel Firestone and Dr. Scott Vincent, who both completed their residencies with our program. We are excited to have them join our department. Dr. Firestone will specialize in hand, wrist and upper extremity surgery and Dr. Vincent’s expertise is adult spine surgery. Learn more about our new faculty on page 4.

In June, we held our resident graduation ceremony here in the Lauritzen Outpatient Center. Graduation is always an exciting time for the department to come together and celebrate achievements, while learning from one another and dynamic guest speakers. All four of our 10-year alumni were able to join us for the events. It’s a great testament to the strength of our residency program to see our graduates making a tremendous impact in the field of orthopaedic surgery while continuing to be involved in our department.

We also welcomed five first-year residents in July and look forward to their growth in the department over the coming years. Learn more about our new residents on pages 8 and 9.

In April, we hosted the 2017 Rothman-Ranawat Fellows, who spent several days on campus learning from our surgeons and sharing their research with our department. We were pleased to be a part of this program’s dynamic educational and research opportunities for the second year.

As you’ll see in this newsletter, several of our faculty have been recognized this year for outstanding achievements. The department has had a productive summer, with faculty members giving more than 20 presentations at international, national, regional and local events, publishing a number of peer-reviewed journal articles and actively serving on numerous boards and committees.

As always, I hope you enjoy this edition of Breaking News. We are grateful for your continued support of the Department of Orthopaedic Surgery!

Sincerely,

Kevin L. Garvin, M.D.
Professor and Chair
L. Thomas Hood, M.D., Professorship
Department hosts Hip Society Traveling Fellows

The Hip Society’s 2017 Rothman-Ranawat Fellows paid a visit to UNMC April 12-15.

The Rothman-Ranawat Traveling Fellowship is open to four young, promising orthopaedic surgeons from North America and throughout the world. Each fellow specializes in adult joint reconstruction and is selected through a rigorous application process. The fellowship offers each surgeon the unique opportunity to network with the top hip surgeons in the world, gain exposure to new techniques and thought processes and share research and academic concepts.

This was the second year that UNMC was chosen as a host site, a mark of high distinction for the department. The fellows spent time learning from the department’s surgeons, touring our biomechanics laboratory and giving presentations about various topics, including periprosthetic hip infection; acetabular and femoral revision; direct anterior approach for total hip arthroplasty; and failed metal on metal total hip arthroplasty and trunnionosis.

2017 Fellows:
Carlos A. Higuera-Rueda, M.D., Cleveland Clinic, Cleveland, OH
Christopher E. Pelt, M.D., University of Utah, Salt Lake City, UT
Sujith Konan, MBBS, M.D., MRCS, FRCS, University College London Hospitals NHS Foundation Trust, London, England, UK
Takahito Yuasa, M.D., Ph.D., Urayasu-city, Chiba, Japan

Breaking News

Dr. Espositio receives pediatric orthopaedic honor

Paul Esposito, M.D., was honored with the American Academy of Pediatrics Section on Orthopaedics Distinguished Service Award in September.

The award was presented during the Section on Orthopaedics 2017 National Conference & Exhibition in Chicago and is the Section’s highest honor.

The Section on Orthopaedics was founded in 1976 to improve musculoskeletal health of children through mentorship, education, research, advocacy and service. The Distinguished Service Award, established in 1995, recognizes an individual in the field of pediatric orthopaedics who has contributed to the American Academy of Pediatrics mission of excellence in research, teaching and patient care.

The Section’s executive committee cited Dr. Esposito as, “a dedicated leader and strong advocate for most of his career in the field of pediatric orthopaedics—within the AAP and beyond.” The committee commended Dr. Esposito’s commitment to the betterment of children’s musculoskeletal health, recognizing him as “one of the giants in the world of pediatric orthopaedics.”

Dr. Esposito attended Hahnemann Medical College followed by a surgical internship and residency at the United States Naval Regional Medical Center. He completed a fellowship at Children’s Hospital Medical Center in Cincinnati, Ohio.

His passions include advancing the care of children with osteogenesis imperfecta and musculoskeletal effects of pediatric obesity.

Dr. Esposito has served as a member of the Section on Orthopaedics Executive Committee and as a long-standing member of the Council on Sports Medicine and Fitness of the Section on Uniformed Armed Services. He has also served as head of the Pediatric Section of the U.S. Bone and Joint Decade, and continues to serve as Ambassador of the International Bone and Joint Decade.

From left: Beau Konigsberg, M.D., Takahito Yuasa, M.D., Carlos Higuera-Rueda, M.D., Christopher Pelt, M.D., Hani Haider, Ph.D., Kevin Garvin, M.D., Sujith Konan, M.D., and Curtis Hartman, M.D.
The department is excited to announce the addition of Daniel Firestone, M.D., Matthew Tao, M.D., and Scott Vincent, M.D., to our full-time faculty this summer.

Daniel E. Firestone, M.D.
Hand, Wrist and Upper Extremity Surgery

Dr. Firestone attended medical school at the University of Iowa Carver College of Medicine followed by orthopaedic surgery residency at Creighton University/University of Nebraska Health Foundation.

He completed a hand and upper extremity surgery fellowship at Indiana Hand to Shoulder Center. His expertise include complex wrist fractures and local/wide awake hand surgery. He also specializes in hand and wrist surgery implant design.

Scott A. Vincent, M.D.
Adult Spine Surgery

Dr. Vincent attended medical school and completed orthopaedic surgery residency at the University of Nebraska Medical Center. He then completed a spine surgery fellowship at the University of Wisconsin School of Medicine and Public Health.

Dr. Vincent specializes in spine trauma, spinal cord injuries, tumors of the spinal column and degenerative conditions of the cervical, thoracic and lumbar spine. His special interests include less invasive surgical treatment options for spinal pathology.

Matthew A. Tao, M.D.
Sports Medicine and Arthroscopic Surgery

Dr. Tao attended medical school at Northwestern University in Chicago. He completed orthopaedic surgery residency at Duke University and a sports medicine and shoulder surgery fellowship at Hospital for Special Surgery in New York City.

He specializes in athletic knee issues, including ACL tears, multi-ligament knee injuries, complex cartilage defects, malalignment and meniscal tears. He also specializes in arthroscopic surgery, including shoulder instability, rotator cuff pathology and biceps disease. His special interests include biologic therapy and pharmaceutical therapy to minimize inflammation and promote healing.

become an expert in the field of musculoskeletal oncology. He has written 20 journal articles and five book chapters dealing with orthopaedic oncology, produced 10 online education materials and presented more than 20 talks on regional, national and international platforms.

He co-chairs the Sarcoma and Melanoma Tumor Board with Nicole Shonka, M.D. This board meets twice a month to discuss and plan treatment for difficult cases as a team, including oncologists, pathologists, radiologists and clinicians from Nebraska Medicine. Finally, Dr. McGarry is a superb clinician, widely known for his focus on limb salvage.
Resident Class of 2017 graduates

The department’s 2017 graduation ceremony was held June 9-10 at the Lauritzen Outpatient Center Auditorium. The event included final oral presentations from the graduating residents, an update from our alumni class of 2007 and talks from several distinguished guest speakers. This year’s visiting professor was James P. Stannard, M.D., Hansjörg Wyss Distinguished Chair in Orthopaedic Surgery at the University of Missouri School of Medicine and medical director of the Missouri Orthopaedic Institute. Entrepreneur and author Mr. Alexis Ohanian presented the sixth annual Harold and Marian Andersen Lectureship for Orthopaedic Surgery.

Congratulations to the 2017 graduates:

**Eric K. Bonness, M.D.**
Shoulder and Elbow Surgery Fellowship
Boston Shoulder Institute, Boston, MA

**Courtney M. Grimsrud, M.D.**
Foot and Ankle Surgery Fellowship
University of Washington, Seattle, WA

**Paul R. Johnson, M.D.**
Spine Surgery Fellowship
University of Pittsburgh, Pittsburgh, PA

**Andrew J. Kirkpatrick, M.D.**
Hand Surgery Fellowship
University of Massachusetts, Worcester, MA
FRIDAY, JUNE 9, 2017
SESSION I: CHIEF RESIDENT PRESENTATIONS
“An Immediate Weight-bearing Protocol for the Determination of Ankle Stability in Patients with Isolated Distal Fibular Fractures” Eric Bonness, M.D.

“Long-Term Outcomes and Satisfaction of Rotationplasty Patients in the Treatment of Lower Extremity Sarcomas with Cost Analysis of Rotationplasty and Expandable Megaprostheses” Courtney Grimsrud, M.D.

“The Role of Head of Bed Angle in Cerebral Deoxygenation Events During Upper Extremity Surgery” Paul Johnson, M.D.

“30-Day Readmissions and Postoperative Complications Following Elective Primary Total Joint Arthroplasty in a Veteran’s Health Administration Population” Andrew Kirkpatrick, M.D.

FRIDAY, JUNE 9, 2017 (continued)
SESSION II: FACULTY PRESENTATION—ARTHROPLASTY IN UPPER EXTREMITY TRAUMA
“Elbow Arthroplasty for Distal Humerus Fractures” Matthew Teusink, M.D.

“Hemi Hamate Arthroplasty for Proximal Interphalangeal Joint Injuries” Joseph Morgan, M.D.

“Shoulder Arthroplasty for Proximal Humerus Fractures” Philipp Streubel, M.D.

SESSION III: ALUMNI UPDATES
SESSION IV: GUEST SPEAKER
“The Promise of Internet” Andersen Lecturer: Mr. Alexis Ohanian

SESSION IV: VISITING PROFESSOR
“Stand in the Door”: Leadership and Life Lessons from the 82nd Airborne Division” James P. Stannard, M.D.

SATURDAY, JUNE 10, 2017
SESSION I: CASE PRESENTATIONS
“Management of Acute Multiligamentous Knee Disruptions”
Moderator: James P. Stannard, M.D.
Panel Members: Robert Dugas, M.D., David Clare, M.D., Matthew Tao, M.D., Ryan Arnold, M.D.

SESSION II: CASE PRESENTATIONS
“Management of Periarticular Fractures of the Knee”

SESSION III: STUMP THE PROFESSOR: Cases presented by chief residents

SESSION IV: VISITING PROFESSOR
“Biologic Joint Replacement” James P. Stannard, M.D.

2017 Graduation Award Winners
FRANK P. STONE, M.D. AWARD FOR ACADEMIC EXCELLENCE: ERIC K. BONNESS, M.D
JOHN F. CONNOLLY, MD., AWARD FOR OUTSTANDING RESEARCH: PAUL R. JOHNSON, M.D.
AWARD FOR OUTSTANDING JUNIOR RESIDENT: EMMETT GANNON, M.D.
OUTSTANDING INSTRUCTOR AWARD: MIGUEL S. DACCARRETT, M.D.
Catching up with our alumni

This year, we were fortunate that all four of our 10-year alumni joined us for our resident graduation. These orthopaedic surgeons have built their practices in Nebraska and continue to make an impact on the community. The department is grateful for such strong support from our prestigious network of alumni.

10-Year Alumni: Class of 2007

**Beau Konigsberg, M.D.**
Practice: University of Nebraska Medical Center/Nebraska Medicine, Omaha, NE

**Scott Swanson, M.D.**
Practice: Nebraska Orthopaedic and Sports Medicine, Lincoln, NE

**David Buck, M.D.**
Practice: GIKK Ortho Specialists, Omaha, NE

**Kimberly Turman, M.D.**
Practice: GIKK Ortho Specialists, Omaha, NE

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**Resident research forum**

Paul A. Anderson, M.D. was this year’s guest speaker for the September 29th Resident Research Forum.

Paul Anderson, M.D.

Dr. Anderson is a board-certified orthopaedic spine surgeon with special interest in spine trauma, tumors, cervical spine and geriatric spinal diseases. He is an internationally recognized expert in the field of orthopaedic spinal surgery and currently holds academic positions as professor of orthopedic surgery and adjunct professor in neurological surgery and biomedical engineering at the University of Wisconsin.

He has served as president of the Cervical Spine Research Society and president of the Lumbar Spine Research Society and has held various positions in a number of spinal and orthopaedic societies. He has served as a member and chairman of the AAOS Biomedical Engineering Committee, co-chair of American Society for Testing and Materials 04.25 and clinical chair of American Society for Testing and Materials F04.

Dr. Anderson earned his undergraduate and master’s degrees in chemical engineering from the University of Michigan. He completed medical school and orthopaedic residency at Wayne State University and a clinical spine fellowship with Dr. Henry H. Bohlman at Case Western Reserve University.

Dr. Anderson chairs the “Own the Bone” Steering Committee of the American Orthopaedic Association. His research specialties include disc regeneration, spinal instrumentation and development of an artificial cervical disc.

Look for more information about the Resident Research Forum in our upcoming winter edition of Breaking News.
Welcome Resident Class of 2022

Since beginning its residency program nearly five decades ago, the Department of Orthopaedic Surgery has trained some of the best and brightest surgeons in the field. This summer, five residents joined our department, growing the program to a record number of 23 residents.

David Brown, M.D.
Hometown: Friendswood, TX
Medical School: University of Texas Medical Branch
What inspired your interest in orthopaedic surgery: Anatomy, physiology, and biomechanics are areas that have always peaked my interest. Orthopaedics appeals to me because it allows me to apply my knowledge with a hands-on approach that directly impacts the lives of my patients.

Three things people don’t know about you:
• I am married to my beautiful wife, Kristina, and we have three young girls that keep us on our toes.
• I enjoy fishing, hunting, camping, golf, snowboarding, and just about anything else that gets me outdoors.
• I learned how to drive a stick shift by my old man throwing me a set of keys and telling me he would see me at home.

Jace Heiden, M.D.
Hometown: Bertrand, NE
Medical School: University of Nebraska Medical Center
What inspired your interest in orthopaedic surgery: Overcoming my own medical hardships ignited my passion for medicine and directed me toward orthopaedic surgery, which offers the opportunity to take a hands-on approach toward restoring function and quality of life.

Three things people don’t know about you:
• My grandfather passed down the family coin collection, and I recently finished acquiring every penny minted since 1909.
• I grew up on a farm north of a town of 700 people where I proudly grew the undisputed best sweet corn on the planet.
• I am completely devoid of his talent to skate at record speeds, but was inspired to follow in the footsteps of my cousin Dr. Eric Heiden and pursue orthopaedic surgery.
What inspired your interest in orthopaedic surgery: With several family members and friends who have suffered orthopaedic injuries, I’ve been able to witness the significant loss to quality of life that patients experience from bone and joint pathology. In turn, I’ve seen how the care of orthopaedic surgeons has been able to restore these individuals to the activities that give their lives joy and purpose. It’s a tremendous privilege to create meaningful relationships with patients while using my hands as a tool to create such a positive impact on their lives.

Three things people don’t know about you:
- I enjoy brewing small-batch beer in my spare time.
- I’m a semi-professional competitive eater.
- I grew up on the dairy farms around my hometown as the son of a veterinarian, who insists that real doctors treat more than one species.

Gordon Roedel, M.D.
Hometown: Loyal, WI
Medical School: University of Wisconsin School of Medicine and Public Health

Visiting speakers expand resident education

Visiting speakers offer new and innovative ideas in surgical techniques, research topics and patient care. It is an integral part of the resident educational experience and is made possible with the help of annual contributions to our Development Fund.

The following speakers presented from April 2017 - July 2017:

May 12
Matthew Teusink, M.D., assistant professor, with UNMC radiology faculty Kimberly Apker, M.D., associate professor; Melissa Manzer, M.D., assistant professor; Timothy Moore, M.D., professor; Craig Walker, M.D., professor; and Anna Zajicek, M.D., assistant professor, “Shoulder MRI and Arthroscopy Correlations”

May 17
Adam Reinhardt, M.D., Clinical Service Chief, Rheumatology, Children’s Hospital & Medical Center, “JIA and Pediatric Rheumatology”

May 24
Kody Moffatt, M.D., Associate Professor of Pediatrics, Creighton University School of Medicine and Adjunct Associate Professor of Pediatrics and Orthopedic Surgery and Rehabilitation, UNMC, “Overuse Injuries in Children”

June 9
Mr. Alexis Ohanian, “The Promise of Internet”

James P. Stannard, M.D., Hansjörg Wyss Distinguished Chair in Orthopaedic Surgery, University of Missouri School of Medicine, “‘Stand in the Door’: Leadership and Life Lessons from the 82nd Airborne Division”

June 10
James P. Stannard, M.D., “Biologic Joint Replacement”

Breaking News | 9
Publications, presentations & honors

Department faculty and residents present many lectures, seminars, and courses at local, regional, national and international meetings. They also serve in leadership positions and offices for local, state, national and international organizations. The following are our faculty and staff’s presentations and publications, awards and achievements, offices held, and other professional activities from April - July 2017.

Publications (peer-reviewed):


Presentations (National and International):

35th Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 19-23, 2017:
- Grimsrud, C., Killen, C., Wang, H., McGarry, S.: Long-Term Outcomes and Satisfaction of Rotationplasty Patients in the Treatment of Lower Extremity Sarcomas with Cost Analysis of Rotationplasty and Expandable Megaprosthesi
- Mormino, M., Bonness, E., Siebler, J., Reed, L: A Fracture Boot Stress Model for the Determination of Ankle Stability in Patients with Isolated Distal Fibular Fractures.
- Mormino, M., Crist, B., Siebler, J., Swiontkowski, M: Ask the Expert and Open Case Discussions - Trauma.
- Siebler, J., Nielsen, P, Grossman, L., Reed, L., Mormino, M: Is it Safe to Prep the External Fixator in situ During Second Stage Pilon Surgical Treatment?


Streubel, P: Instructor, 7th Meeting of the Mexican Society of Shoulder and Elbow Surgeons, Puerto Vallarta, Mexico, May-June, 2017.

Presentations (Local and Regional):


Mormino, M: Intro to Orthopaedics. and Orthopaedic Trauma. Lectures to UNMC M2 medical students, April 11, 2017.

Scherl, S: Growth and Development. Spring 2017 Pediatric Orthopaedic Conference, Children’s Hospital & Medical, Omaha, NE, April 12, 2017.

Jenson, ML: Growth Spondylolisthesis/ Spondylothesis/Diskitis. Spring 2017 Pediatric Orthopaedic Conference, Children’s Hospital & Medical Center, Omaha, NE, April 19, 2017.
Jenson, ML: Case Conference. Spring 2017 Pediatric Orthopaedic Conference, Children's Hospital & Medical Center, Omaha, NE, May 31, 2017.


Mormino, M: Orthopaedic Trauma lecture to rotating medical students on UNMC Orthopaedic Surgery, July 18, 2017.

Current Grants:

Pellegrini, V.; Garvin, K.: Comparative Effectiveness of Pulmonary Embolism Prevention after Hip and Knee Replacement: Balancing Safety and Efficacy, Medical University of South Carolina/PCORI. 2016-2020. Pellegrini, V (PI); Garvin, K (CI).


Haider, H.: Arthrex - Pin-on-Disk UHMWPE Wear Comparison Between Titanium vs Cobalt-Chrome Orthopaedic Metal Alloys, May 2017-completion

Haider, H.: Arthrex - In-Vitro Study on the Initial Fixation and Micromotion of an Uncemented TKR Baseplate, May 2017-completion


Scherl, S.: Registry for Orthopaedic Trauma in Children (ROTC); Funding Agency: Carolinas Healthcare System; 2015 - 2017


Community Service/Volunteer:
Garvin, K.: Board member, Omaha Sports Commission, 2007-present
Daccarett, M.: Volunteer event physician, College World Series, June 2017

Honors/Awards:
Garvin, K.: • America’s Top Doctors, by Castle Connolly Medical Ltd., 2007-present • Best Doctors in America,1996-present

Cornett, C.: • Promoted from assistant professor to associate professor, July 2017 • Distinguished Alumni Award, Cambridge Public Schools, Cambridge, NE, April 2017

Esposito, P.: • Barbara & Ronald W. Schaefer Endowed Chair, Pediatric Orthopaedic Surgery, University of Nebraska Medical Center, Omaha, NE, USA 2015-2020 • Elected International Ambassador of the Bone and Joint Decade (BJD), Oct. 2014-Nov. 2017

Haider, H: ASTM International Award of Merit from Committee F04, ASTM, West Conshohocken, PA, United States, May 2017

McGarry, S: James R. Neff, M.D., Musculoskeletal Oncology Chair, UNMC Department of Orthopaedic Surgery and Rehabilitation, April 2017 – present

Mormino, M.: 2017 America’s Top Doctors Castle Connolly

Streubel, P: Promoted from assistant professor to associate professor, July 2017

Memberships and Offices Held:
Garvin, K.: The Hip Society:
• President, March 2017-March 2018
• Membership Committee, September 2015-September 2017

The Knee Society:
• Membership Committee, Sept. 2015-present
• Research Committee, April 2012-present

Delegates-at-Large, American Orthopaedic Association, 2017-present
Board of Specialty Societies, American Academy of Orthopaedic Surgeons, March 2016-present
Board of Trustees, University of South Dakota Foundation, 2006-present
Editorial Board Member, Techniques in Knee Surgery, 2002-present

UNMC:
• Strategic Investment Group, 2015-present
• Dissertation Committee, Ph.D. Student, College of Pharmacy, 2014-present

Nebraska Medicine:
• Clinical Chairs Advisory Board, July 2016-present
• Perioperative Executive Committee, Jan. 2015-present
• Ambulatory Executive Committee, 2014-present
• Surgical Services Executive Committee, 2014-present

Consultant Reviewer:
• British Bone and Joint Journal, Nov. 2014-present
• The Knee, March 2012-present
• European Journal of Epidemiology, 1995-present
• Clinical Orthopaedics and Related Research, 1991-present
• Journal of Bone and Joint Surgery, 1990-present

Cornett, C:
Board Member, Journal of Orthopaedics and Physical Therapy, 2017
Member, Continuing Medical Education Committee, UNMC, 2016-present
Department Deputy for Orthopaedics, One Chart, 2013-present

Nebraska Medicine:
• Medical Director, Spine Program, 2017
• One Chart Operational Owner, Dec. 2015-present
• Provider Advisory Group for Patient Experience, Nov. 2015-present
• Medical Director of Physical and Occupational Therapy, The Nebraska Medical Center and Bellevue Medical Center, 2013-present
• Physician Advisory Team Committee, 2013-present

Consultant Reviewer:
• Pain Medicine, 2016-present

Daccarett, M:
Trauma Program Committee Member, American Academy of Orthopaedic Surgeons, March 2017-2019
Member, Public Relations Committee, Orthopaedic Trauma Association, March 2016-2019
Reviewer, European Journal of Orthopaedic Surgery and Traumatology, 2015-present
Review Panel Member, Orthopedics, 2013-present
Trauma Committee Member, UNMC, 2008-present

Dietrich, M:
UNMC:
• Member, Physicians Leadership Academy, 2015-present
• Member, Surgical Services Operation Committee, 2015-present
Sideline Physician for area high school teams, 2013-present

Esposito, P:
Medical Advisory Council, Osteogenesis Imperfecta Foundation, July 2011-present
Board of Directors, Advisory Board, Children's Hospital & Medical Center, 2010-present
Medical Staff Committees, Children's Hospital & Medical Center:
• Clinical Service Chief, Orthopaedic Surgery, 2009-present
• Information Technology Oversight Committee, 2009-present
• Allied Health Committee, 2008-present
• Credentials Committee, 2008-present
• Quality and Patient Safety Committee, 2008-present

Focused Peer Review Committee, 2004-present
Physician’s Health Committee, 2004-present

International Standards Organization (ISO):
• Fundraising chairman, 2016-present
• Elected Deputy Chair of the US Delegation, 2015-present
• Coordinator/Liaison Officer, Working Group 2 (Implant Wear), ISO TC150 US Tag, 2013-present
• United States Delegation to Committee SC 150 (Medical Devices), 2002-present

American Society of Testing and Materials (ASTM) International:
• Technical (Expert) contact, Friction of Hips Standard Writing Committee, Working Group/Item WK 28778, 2011-present

Co-Chair, Knee Wear Testing Standards Committee,
2002-present
- Chair, Ankle Replacement Testing Standards Committee, 2000-present

Reviewer:
- Clinical Orthopaedics and Related Research, July 2010-present
- Journal of Orthopaedic Research, 2007-present

Hartman, C:
Member, Adult Reconstruction Hip Program Committee, AAOS, 2016-present
Board of Directors, Metro Omaha Medical Society Foundation, Jan. 2015-present
UNMC:
- Faculty Senate, July 2016-present
- Dissertation Committee, Kelsey Yamada, Ph.D. Student, Department of Pathology/ Microbiology, 2016-present
- UNMC Graduate Faculty, May 2013-present
- Dissertation Committee, Raheleh Miralami, Ph.D. Student, MSIA Program, UNMC College of Medicine, 2012-present
- M3 Course Instructor September 2009-present

Nebraska Orthopaedic Hospital:
- Utilization Review Committee, 2013-present
- Finance Committee, 2012-present

Hasley, B:
Children's Hospital & Medical Center:
- Chair, Department of Surgery, 2016-present
Medical Staff Committees, Children's Hospital & Medical Center:
- Chair, Surgical Services Interdisciplinary Committee, 2016-present
- Medical Executive Committee, 2016-present
- Focused Peer Review Committee, 2008-present

Jenson, M.L.:
Active Member, Pediatric Orthopaedic Society of North America (POSNA), 2017
Fellow, American Academy of Orthopaedic Surgeons (AAOS), 2017
Children's Hospital and Medical Center:
- Surgical Services Interdisciplinary Committee, Jan. 2014-Present
- Program Developer, New Sports Medicine Program, 2013-Present

Konigsberg, B:
Member, Adult Reconstruction Hip Program Committee, AAOS. June 2015-present
UNMC:
- Assistant Dean of Admissions, College of Medicine, July 2017-present
- Faculty Senate, Jan. 2014-present
- Graduate Medical Faculty, 2013-present
- Dissertation Thesis Committee, Krishna Sarma, Ph.D. student, Department of Genetics, Cell Biology and Anatomy, Dec. 2013-present
- Admissions Committee, College of Medicine, May 2011–present
- Course Director, UNMC Orthopaedic Surgery Grand Rounds, Oct. 2010-present
- Instructor, 2nd Year Medical Students, Aug. 2009-present

Nebraska Medicine
- Medical Director, Lauritzen Outpatient Center and Oakview Medical Building Orthopaedic Clinics, August 2016-present
- Ambulatory Rooming Project, Nov. 2015-present
- Perioperative Quality, Safety & Patient Experience Committee, Sept. 2015-present

Section Chief, Orthopaedics, Nebraska-Western Iowa VA Medical Center, Jan. 2009-present

Consultant Reviewer:
- Journal of Arthroplasty, 2017-present
- Techniques in Orthopaedics, June 2015-present
- Orthopaedics, Sept. 2013–present
- Journal of the American Geriatrics Society, Sept. 2010-present

McGarry, S:
UNMC:
- Sarcoma and Melanoma Tumor Board Planning Committee Member, 2017-present
- Department of Orthopaedics Residency Program Clinical Competency Committee, Member, July 2013-present
- Faculty Senate, June 2013-present
- Continuing Education Committee, Oct. 2012-present
- Tissue Bank Review Committee, Member, 2006-present
- Department of Orthopaedics Resident Selection Committee, Member, 2006-present

Musculoskeletal Transplant Foundation (MTF):
- Executive Committee, Jan. 2015-present
- Membership/Nominations Committee Member, Feb. 2012 – present
- Member, Medical Board of Trustees, April 2006-present

Member, Children's Hospital of Omaha Bylaws Committee, Jan. 2008-present

National Comprehensive Cancer Network (NCCN):
- Soft Tissue Sarcoma Panel, July 2007-present
- Bone Cancer Panel,
Consultant Reviewer:

- Clinical Orthopaedics and Related Research, March 2011-present
- Orthopaedics, Feb. 2011-present

Mormino, M:
Mid-America Orthopaedic Association:
- 2nd Vice President, 2017-2018

AO North America:
- Fellowship Advisory Board, 2011-present
- Faculty, 1997-present

Nebraska Medicine
- Medical Director Perioperative Services, 2008-present
- Graduate Medical Education Committee

Consultant Reviewer:
- Journal of Orthopaedic Trauma, Feb. 2014-present
- Journal of Surgical Education, 2010-present

Siebler, J:
- Member, Mid-America Orthopaedic Association, Program Committee, 2017-present
- Trauma Program Committee, AAOS, 2015-present

UNMC
- Musculoskeletal Phase One Curriculum Design Committee, 2016-present
- Continuing Medical Education Committee, 2015-present
- Career Launch Oversight Committee, 2015-present

Nebraska Medicine:
- Patient Outcomes Committee, 2015-present
- Perioperative Surgical Services Operations Committee, 2015-present
- Co-Leader, Clinical Effectiveness Trauma Committee, 2015-2016
- Trauma Peer Review Committee, 2014-present
- Trauma Performance Improvement/Patient Safety Committee, 2014-present

Streubel, P:
- International Relations Committee, American Society for Surgery of the Hand, 2016-present
- Research and Development Committee, UNMC, 2016-present

Wallace, M:
- Member, Children’s Specialty Physicians Operating Compliance Committee, 2016-present
- Emerging Leaders Program, American Orthopaedic Association, 2013-present

UNMC:
- Director, M4 Curriculum Development, 2016-present
- Chair, Residency Research Committee, 2016-present
- Physicians Leadership Academy, 2015-present
- Residency Selection Committee, 2014-present

Consultant Reviewer:
- Journal of Shoulder and Elbow Surgery, 2014-present
- Orthopaedics, 2013-present

Streubel, P:
- Trauma Faculty, 2014-present

Consultant Reviewer:
- Journal of Orthopaedic Trauma, 2012-present
- Journal of Shoulder and Elbow Surgery, 2012-present

Teusink, M:
Emerging Leaders Program, American Orthopaedic Association, June 2015-present

Scherl, S:
- Allied Health Representative, AAOS Annual Meeting Program Committee, June 2016-present
- American Academy of Pediatrics liaison from the Section on Orthopaedics to the Committee on Child Abuse and Neglect, June 2016-June 2019

Children’s Hospital & Medical Center:
- Omaha Education Committee, January 2011-present
- Omaha Transfusion Committee, January 2010-present
- Omaha Trauma Performance Improvement and Patient Safety Committee, 2009-present

Pediatric Orthopaedic Society of North America:
- Liaison between POSNA Education Council and AAOS Pediatric Program Committee, Sept. 2016-present
- Board of Directors, 2015-2017
- Program Committee, May 2013-May 2017
- Advocacy Committee, May 2013-present

AO North America:
- Hand Faculty, 2015-present
### Service anniversaries

**Matthew Mormino, M.D., professor**

Dr. Mormino marked 20 years with the Department of Orthopaedic Surgery this year. He specializes in orthopaedic trauma and lower extremity. He also serves as the department’s residency program director.

**Kelsi Adams, RN**

Kelsi was recognized in August for her five years of service with Nebraska Medicine. She has worked in the ICU and inpatient orthopaedics and currently works with Dr. Streubel’s upper extremity team.

**Stephanie Jensen, office associate**

Stephanie celebrated a service anniversary in September. She has been with the University of Nebraska for 15 years and has worked at UNMC since 2013. She supports pediatric orthopaedic surgeons, including Dr. Paul Esposito, Dr. Brian Hasley, Dr. M. Layne Jenson, Dr. Susan Scherl and Dr. Maegen Wallace.

### How your support helps us excel at the Department of Orthopaedic Surgery

Your contributions have allowed the department to develop a national reputation for educating outstanding surgeons, build a world-class research program where we are developing cutting-edge technology that is helping to shape the field of orthopaedic surgery, and have enabled us to offer the latest techniques and most advanced diagnosis and treatment to our patients.

Please join us in supporting the Department of Orthopaedic Surgery and Rehabilitation and help us continue to strengthen our ongoing mission to excel in these areas. On behalf of our residents, faculty, staff and patients who will benefit from your contribution, **THANK YOU for your vital support!**

Visit: NUfoundation.org/orthopaedic

### Continuing Education and Grand Rounds

CME Accredited Grand Rounds are held in the Lauritzen Outpatient Center Auditorium on Mondays at 6:30 a.m. Continuing education seminars and Grand Rounds presentations by department faculty, current residents and guest speakers are open to any interested participants. To obtain an updated schedule or information on how to earn CME credits for these presentations, contact Geri Miller at (402) 559-2258 or gmiller@unmc.edu.

**Presentations given from April — July 2017:**

<table>
<thead>
<tr>
<th>Month 2017</th>
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<td></td>
<td>3</td>
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<td>Mid-Year Reviews</td>
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<td>“Morbidity and Mortality” (chief residents)</td>
<td>“ACL Injuries in the Athlete” (Sayfe Jassim, M.D.)</td>
<td>July 2017</td>
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<td>10</td>
<td>8</td>
<td>No Grand Rounds</td>
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<td>“Inpatient Acute Pain Management” (Jason Shiffermiller, M.D. and Thomas Nicholas, M.D.)</td>
<td>“Multi-ligamentous Knee Injuries” (Eric Samuelson, M.D.)</td>
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<td>15</td>
<td>Anatomy Dissections</td>
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<td>“MAOA Presentations” (various faculty)</td>
<td>“Replantation in the Upper Extremity” (Andrew Kirkpatrick, M.D.)</td>
<td>17</td>
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<td>24</td>
<td>22</td>
<td>Anatomy Dissections</td>
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<tr>
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<td>No Grand Rounds</td>
<td>“Distal Femur Fractures” (Miguel Daccarette, M.D.)</td>
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<td>31</td>
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<tr>
<td></td>
<td></td>
<td>“Distal Radius Fractures” (Ben Ogden, M.D.)</td>
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- 3 | No Grand Rounds |
- 10 | Anatomy Dissections |
- 17 | Anatomy Dissections |
- 24 | Anatomy Dissections |
- 31 | Anatomy Dissections |
In this issue

1 Dr. McGarry named to Neff Chair
Associate Professor Sean McGarry, M.D., has been named inaugural holder of the James R. Neff, M.D., Musculoskeletal Oncology Chair.

2 Dr. Esposito receives pediatric orthopaedic honor
Professor Paul Esposito, M.D., was awarded the highest honor from the American Academy of Pediatrics Section on Orthopaedics for his contribution to pediatric orthopaedic research, teaching and patient care.

4 Department welcomes three new faculty
Daniel Firestone, M.D., Matthew Tao, M.D., and Scott Vincent, M.D. join department faculty this summer.

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Want to join our e-newsletter list? Email dayne.urbanovsky@unmc.edu to sign up!
Case Example:
The patient is a pleasant 72-year-old female. She has a significant history of a lumbar fusion from L2-L5 done 10 years prior. At that time, she was having significant symptoms from stenosis symptoms and some curvature in her low back. About a year prior to us evaluating her, she felt something pop in her back and began having increasing back and leg symptoms. Over the last few years, she has also had increasing deformity in her back, and she is leaning to the side and significantly stooped forward. Over time, her symptoms worsened to where she was using a walker for ambulation and was unable to stand upright or tolerate any significant walking or prolonged standing.

Her main complaints were low back pain, bilateral lower extremity pain when standing and walking, and increasing deformity, which really limited her quality of life. She also had complaints of weakness in her legs, functional weakness, and decreased sensation or numbness in her left leg.

She has a history of arthritis and hypertension. The patient is a non-smoker. She is retired and lives with her husband, who is still working part-time.

On exam, she is 5’5” tall, although she states she used to be almost 5’9”. She weighs 220 pounds. She was able to walk, but was stooped forward at almost a 45-degree angle as well as significantly translated in the coronal plane or when viewed from the front. The patient had no obvious neurologic deficits.

She had a well-healed scar on her back. It was noted she had a significant prominence or kyphotic deformity near the upper lumbar region at L1-L2 where the spinous process at that region was quite prominent and palpable.

The patient had hardware in place from L2-L5. The rod on her left side had come out of the superior screw and she also had evidence of a bone stimulator in place. She had significant junctional breakdown above her fusion with significant kyphosis greater than 30 degrees and greater than 30 degrees of scoliosis to the left at the L1-L2 segments. She also has significant degenerative disc disease below her fusion at L5-S1. Additionally, her fusion from L2-L5 appeared to be solid, but her low back does have significant coronal deformity through that fusion (Figures 1-2). She had greater than 10 centimeters of positive sagittal balance on scoliosis films.
Based on our discussions with her, we felt she had significant junctional breakdown above her prior fusion and symptoms of back pain, leg pain and kyphoscoliosis. She also had arthritis below her fusion. We discussed getting new imaging, including an MRI and a CT to assess her fusion/hardware and neural compression (Figure 3).

Due to her worsening quality of life and failure of prior treatments of therapy and pain management, she was interested in surgical fixation if possible.

We discussed surgical treatment for her. Our plan was to remove her old hardware and take down the levels of her prior fusion so that we could straighten out her lower back and get a better overall balance for her. We would then reinstrument her bridging above and below from T8 to the pelvis.

We discussed removing her stimulator. We also discussed that she would likely need a three-column osteotomy at the top of her old fusion at L2 and we would likely need to take down her fusion mass or perform posterior osteotomies at L3, L4 and L5.

She underwent that procedure without difficulty and did well on her hospital stay. She was mobilized initially with a walker, subsequently transferring to a cane in the postoperative recovery period. She did an extensive amount of outpatient therapy and overall made a very nice recovery.

She is currently almost a year out from this surgery and is back to walking with a cane intermittently. She is extremely happy with her new alignment and really has no pain complaints. She is still working on building up her overall functional status and endurance. We were able to restore good sagittal and coronal alignment (Figures 4-5).