Christina Hixson likes to plant seeds of support and watch what grows. Thanks to those ‘seeds’ the Department of Orthopaedic Surgery & Rehabilitation has made great strides over the past several years. Despite some rough economic times, the department continues to advance and make improvements that would not be possible without outside support.

In the fall of 2001, with a donation from the Lied Foundation Trust, the Christina M. Hixson Endowed Research Fund for Orthopaedic Surgery and Rehabilitation Medicine was established at the University of Nebraska Foundation.

In December of 2012, Christina M. Hixson, sole trustee of the Lied Foundation Trust and a long-time supporter of the Department of Orthopaedic Surgery and Rehabilitation, made an additional, generous gift. The fund is a permanent endowment, from which a portion of the annual earnings will support various research projects essential to the advancement of orthopaedic medicine at UNMC.

In orthopaedics, as in any medical specialty, research is a vital tool that is necessary for a department to emerge as a leader in the field. The ability to perform cutting-edge research is also an important teaching tool for residents rotating through our program. By remaining at the forefront of orthopaedic medicine, we are able to provide our residents with comprehensive, research-led education and offer our patients state-of-the-art orthopaedic care.

“The department would not be where it is today without the generous and continued support of remarkable foundations and trustees like Christina M. Hixson, sole trustee of the Lied Foundation Trust,” said Dr. Kevin Garvin, department chairman. “We have made considerable advancements in recent years, excelling in areas such as biomechanics and nanotechnology research, as well as resident education, with the help of this type of external funding.”

Dr. Garvin first met Christina Hixson approximately 13 years ago when she came to the orthopaedic department because of hip arthritis. That meeting spurred a long doctor-patient relationship, eventually resulting in Dr. Garvin replacing both of Hixson’s hips and knees.

Hixson has a long history of advocating for education and projects that will bring opportunities to those who otherwise would not have had them. As the only orthopaedic residency program in Nebraska, it is vital that the department is able to continue to offer superior education to our residents, who will become the orthopaedic surgeons of the future throughout Nebraska and much of the Midwest.

In honor of the Lied Foundation Trust’s 2001 gift, Hixson was inducted into
Message from the chair

The gift of giving.

It may have been a gift of time, knowledge, mentorship, or financial support. Now, more than ever, each gift is vital to the department’s ability to build on the momentum we have established to excel in our mission.

I am humbled by and thankful for the continued generosity of our alumni and friends in each of these areas of giving. In December of 2012, we received two very special and significant pledges. I cannot overstate the importance of such wonderful support for our mission of academic medicine. On behalf of the entire department, I extend our most sincere thanks to Christina Hixson, sole trustee of the Lied Foundation Trust, as well as the late Harold “Pete” and Alice Mattson, for their generosity and support. We share their stories in the following pages. I hope that you will help us honor them by taking a moment to read about these amazing individuals.

We also feature one of our own, Dr. Paul Duwelius (Class of 1987), whose pride in his education fuels his desire to give back in many ways to the department, to the field of orthopaedic surgery, and to the community, both locally and abroad. It is this sense of pride we strive to instill in every class of residents that pass through our program. Through excellence in teaching and mentorship, we hope to lay the groundwork for this type of philanthropic vision; with the hope that as they move forward in their career, they will give back to the generations that follow.

The continued growth and progress of the department would not be possible without the daily commitment and contributions to the department by faculty, residents and staff, as well as the alumni and friends who pledge their support, allowing us to continue the vital work we are doing in research, education, and patient care. Thank you for what you have done and continue to do for the department.

In the fall of 2012, we announced the department’s plans for expansion at Oakview Medical Center and the Nebraska Orthopaedic Hospital. Our need for clinical growth and additional space, coupled with our patients’ need for an increased presence in West Omaha, was the catalyst for this exciting change. Architectural plans were completed in late 2012, and renovations begin this month. Our goal is to be occupying this new space by early fall.

In July, a new crop of house officers will join the residency program. We welcome the Nebraska Orthopaedic Residency Program’s Class of 2018: Drs. Leonid (Lenny) Grossman, Sayfe Jassim, Benjamin Ogden, and Noah Porter.

I am also excited to announce the addition of Dr. Matthew Teusink to our full-time faculty. Dr. Teusink is a shoulder and elbow surgeon who will be joining the department in August of this year, following the completion of his fellowship at the Florida Orthopaedic Institute. Please help us welcome Dr. Teusink to the team.

As always, I hope you can join us for our annual resident graduation celebration. Take a moment to mark the dates on your calendar. Graduation will be held June 21-22, with Dr. Bernard Morrey of the Mayo Clinic joining us as this year’s visiting speaker. On a side note, graduation happens to coincide with the 2013 College World Series being held June 15-25/26. So get yourself some tickets, enjoy a game, and catch up with friends and alumni during the graduation events!

Kevin L. Garvin, M.D.
L. Thomas Hood, M.D., Professorship
Professor and Chair
Orthopaedic Surgery and Rehabilitation
In December of 2012, the department received a generous financial gift on behalf of the estate of Harold A. and Alice E. Mattson. The department would like to thank the Mattson family for their considerable donation in support of the Department of Orthopaedic Surgery and Rehabilitation.

“Our most sincere condolences go out to the Mattson family for the loss of Harold and Alice Mattson,” said Dr. Kevin Garvin, department chairman. “Dr. Mattson was an accomplished and respected orthopaedic surgeon, and we are honored to have received this gift.”

Harold “Pete” Mattson, M.D. (1917-2010) was proud to be a Nebraskan. He loved orthopaedics and academic medicine. As a graduate of the UNMC College of Medicine, this is where his journey as an orthopaedic surgeon began; supporting orthopaedic surgery and resident education at his alma mater was something he felt strongly about.

“The youngest of 13 children, Dr. Mattson was born and raised in Kearney, Nebraska. Alice (Loewe) Mattson (1921-2012) was born in Seattle, Washington. The two met at a USO dance in Omaha, and married in 1943.

Dr. Mattson graduated from the University of Nebraska Medical Center in 1944 and joined the U.S. Army. He was an Army captain and served at Schick General Hospital in Clinton, Iowa. In 1946, they moved to Dallas, Texas, where Dr. Mattson did his orthopaedic residency.

In 1950, Dr. Mattson opened an orthopaedic surgery practice in Oak Cliff, Texas, which he owned and operated for 37 years. He was a clinical professor of orthopaedic surgery at the University of Texas Southwestern Medical School, a Fellow of the American Association of Orthopaedic Surgeons, and Diplomate of the American Board of Orthopaedic Surgeons.

Dr. Mattson excelled in his career as an orthopaedic surgeon. The legacy of his practice was treating generations of families. He had a passion for his patients and he loved the personal side of his practice. He equally loved teaching orthopaedic residents at the Veterans Affairs (VA) Hospital. After his retirement, he enjoyed leading the residency program in orthopaedics at the VA in Dallas for 10 years.

Dr. Mattson and his wife were both very active in the Oak Cliff Church. He was a huge Nebraska football fan, founded the North Texas Nebraskans (an official NU alumni chapter in the Dallas-Fort Worth area) and served as the club’s first president. Together, they enjoyed supporting the University of Nebraska.
Each year, Hospital for Special Surgery (HSS) holds a Visiting Professor Lecture Series, featuring both Distinguished Research Lectures and Honorary Service Lectures. The series, which began in 1968, showcases lectures by renowned visiting faculty who are nationally and internationally recognized for their expertise in the field of musculoskeletal health.

This year, Dr. Kevin Garvin, chair of orthopaedic surgery, was invited to give the Philip D. Wilson Jr., M.D., Honorary Lecture in Arthroplasty. Dr. Garvin, who completed a hip fellowship at HSS, was honored to return as a visiting professor.

On April 12th, Dr. Garvin presented, “Prosthetic Joint Infection of the Hip: Are We Making Progress?” at the HSS Richard L. Menschel Education Center in New York City.

Founded in 1863, HSS is the nation’s oldest orthopaedic hospital. HSS was ranked #1 for orthopaedics in the nation in 2012-2013 by U.S. News and World Report, and is a world leader in orthopaedics, rheumatology and rehabilitation.

2013 ASG Traveling Fellows to visit UNMC

The 2013 American Orthopaedic Association Austrian-Swiss-German (ASG) Traveling Fellows will be stopping in Omaha June 15th-18th as part of a monthlong expedition, visiting 11 orthopaedic departments across the U.S. and Canada. The fellows will spend time in the Department of Orthopaedic Surgery and Rehabilitation observing clinics and surgeries, take in the local fare, and hopefully catch a College World Series game. The fellows will also each make a presentation during Monday’s Grand Rounds.

Rainer Biederman, M.D.
Medical University of Innsbruck
Innsbruck, Austria
Specialty: Pediatric Orthopedics, Hip Surgery, Foot Surgery

Andreas Niemeier, M.D.
University Medical Center Hamburg-Eppendorf
Hamburg, Germany
Specialty: Adult Reconstruction

Fabian Von Knoch, M.D.
Schulthess Clinic
Zurich, Switzerland
Specialty: Hip and Knee Arthroplasty

Tobias Renkawitz, M.D.
Regensburg University Medical Center
Bad Abbach, Germany
Specialty: Hip and Knee Arthroplasty

Dr. Kevin Garvin gives Wilson Honorary Lecture at HSS

SEE THE ASG FELLOWS’ FULL ITINERARY BELOW:

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HIXSON continued from pg 1

the department’s Wall of Honor, which permanently recognizes individuals and organizations who have given $100,000 or more in support of the Department of Orthopaedic Surgery and Rehabilitation.

“Our financial contributions are vital to helping us achieve our goal of being a world-class center for orthopaedic excellence, as well as playing a key role in helping to raise awareness of the innovative projects we are working on in a continued effort to advance orthopaedic research, education, and patient care,” said Dr. Garvin.

Research studies done as a result of the Lied Foundation Trust’s support elevated the department’s research program to a new level. Those studies helped to generate additional interest in the department’s biomechanics program and to obtain grant funding for additional equipment essential for use in our research labs.

The biomechanics lab now houses a suite of hip and knee testing machines that simulate the wear of hip and knee implants through life-like forces and motions. This cutting-edge research has helped set international standards for the testing of joint replacement implants. It has also been the resource to test implants prior to their acceptance or rejection for clinical use.

“What Ms. Hixson has accomplished as the sole trustee of the Lied Foundation Trust is truly amazing,” said Dr. Garvin. “She has created a far-reaching legacy, well beyond the orthopaedic department, the University of Nebraska, and even the state of Nebraska. She has exceptional philanthropic vision, and how she brought that vision to fruition is an inspiring story we want to share. We cannot thank her enough for her support.”

ABOUT CHRISTINA M. HIXSON**

Christina M. Hixson was born on a farm in northwest Missouri and spent her high school years in Clarinda, Iowa. She moved to Omaha to attend business school and when she was 17, she began working at an Omaha car dealership owned by Ernst Lied. Her responsibilities grew, and she continued to work for Mr. Lied when he moved his business interests to Las Vegas in 1958, where he began investing in land.

Mr. Lied created the Lied Foundation Trust in 1972, knowing that one day he wanted to leave his entire estate to charity. The only instructions he left were that he wanted to honor his mother and father, Ernst M. and Ida K. Lied. Mr. Lied always considered Omaha his home, and he maintained his apartment in Omaha until his death in 1980, at age 74.

Hixson worked for Mr. Lied for over 40 years. It was her sharp business instincts that led Mr. Lied to name her as the sole trustee of the Lied Foundation Trust upon his death.

In a video produced by the University of Nebraska Foundation in 2012, Hixson discussed her role as sole trustee of the Lied Foundation Trust and her vision for investing in education, and the people of the state of Nebraska:

“When [Mr. Lied] passed away we didn’t have any money – we had all this land. I must have had an angel on my shoulder, because I sold that land and invested in people,” said Hixson.

The first large gift from the Lied Foundation Trust was to the Lied Center for Performing Arts in Lincoln, Nebraska.

Reflecting on the many decisions she’s made as trustee, Hixson commented that almost everything she’s done has some segment of education. She described her desire to open up new opportunities to kids who have never been exposed to things [such as the arts], and change their lives by introducing them to something that’s totally different than they’ve ever seen.

“There are kids everywhere who need an opportunity,” Hixson said. “They’re going to give back because someone helped them, and that’s what we need in this world.”

Hixson also reflected on her own family background, having grown up poor on a Midwestern farm, and how that has influenced her own vision for giving back. Self-educated and determined, she took the opportunity to learn something from everyone she met.

“I’m looking for the kid who has to work at the grocery store or go home and work on the farm, just to get through high school... the kid who, because of family situations, doesn’t think that college is an option; because that’s literally where I came from.”

When she spoke of Mr. Lied, Hixson’s voice was soft and full of reverence, “You can’t forget, this is really Lied who gave everything he had to the general public. His heart was in the right place.”

In closing, Hixson said, “I personally think a lot of extraordinary things are done by ordinary people, if you just give them a chance.”

The Lied Foundation Trust has now funded more than $300 million in charitable projects in Nebraska, Nevada, Iowa, Kansas, California, Washington and Utah.

**Biographical information and videos about Christina Hixson and Ernst Lied were graciously provided by the University of Nebraska Foundation.

View the full video featuring Christina M. Hixson and learn more about the Lied Foundation Trust, on the University of Nebraska Foundation’s YouTube page: http://youtu.be/w-1KcLaAox8.
Department alumni, please take a minute to consider how your resident education has shaped your career as an orthopaedic surgeon. Think back . . . When reflecting upon your experience as an orthopaedic resident at UNMC, who (or what) left the most significant impact on you? How did that affect the future choices you made and help to determine the path of your career?

Now, take a minute to consider if that particular person, or thing, had not played a role in your training.

At the orthopaedic residency program in Nebraska, we believe in providing superior education and mentorship to each and every resident in our program. Every year, we work hard to conceive new and innovative ways to inspire our residents, and create in them the desire to be exceptional surgeons, researchers and educators, so that they can mentor the orthopaedic residents of future generations.

CONTINUING THE LEGACY OF A LEGEND.

That’s why we created the John F. Connolly Resident Excellence Fund and established a goal to raise $150,000 in honor of the late Dr. John Connolly (chair of Orthopaedic Surgery 1974-1990). Dr. Connolly created a legacy in education through his leadership, elevating the standard of orthopaedic residency training in Nebraska. Through this legacy, he led the way for many amazing educators that have followed in his footsteps. Was one of those educators your mentor?

PLEASE CONSIDER MAKING A PLEDGE TO THE JOHN F. CONNOLLY RESIDENT EXCELLENCE FUND IN SUPPORT OF THE DEPARTMENT OF ORTHOPAEDIC SURGERY AND REHABILITATION.

The purpose of this fund is to provide financial support for resident projects during their years in training, in an effort to continue the legacy of resident research and education that Dr. Connolly fostered. In order to achieve this goal, we need the help of department alumni and friends within the community who share our vision of making Nebraska the place for orthopaedic residency education.

WE WOULD LIKE TO RECOGNIZE ALL INDIVIDUALS WHO HAVE DONATED TO THIS FUND SINCE ITS INCEPTION. THANK YOU FOR YOUR CONTINUED SUPPORT.

Mrs. Elizabeth Berentson
Mrs. Anne Connolly
Dr. & Mrs. Jeffrey P. Davick
Dr. & Mrs. James P. Devney
Dr. & Mrs. Paul J. Duwelius
Dr. Jeffrey M. Farber
Dr. & Mrs. Timothy C. Fitzgibbons
Dr. and Mrs. Roy Guse
Dr. and Mrs. James M. Hill
Dr. and Mrs. F. Stig Jacobsen
Dr. & Mrs. R. Michael Mendlick
Dr. and Mrs. Jeffrey S. Moore
Orthopaedic & Spine Specialists, P.C.
Drs. Lewis H. & Cynthia A. Oster
Dr. David A. & DuAnn Peterson
Dr. & Mrs. Michael J. Sicuranza
Significance Foundation
Dr. & Mrs. Samuel E. Smith
Dr. & Mrs. Wayne O. Southwick
Anonymous

If you would like to make a donation or pledge to the John F. Connolly Resident Excellence Fund, please use the enclosed remittance envelope, or contact Meg Johnson with the University of Nebraska Foundation at (402) 502-4107, or via email at mjohnson@nufoundation.org.
Paul Duwelius, M.D., was born and raised in Des Moines, Iowa. He graduated from Creighton University School of Medicine in 1982, and completed his orthopaedic surgery residency at the University of Nebraska Medical Center in 1987. Dr. Duwelius did fellowships in rehabilitation at the University of Miami (1985) and trauma at the University of California-Davis (1988).

Currently, Dr. Duwelius is an adjunct associate professor with the Department of Orthopaedic Surgery and Rehabilitation at Oregon Health Sciences University and a clinical attending at St. Vincent’s Hospital and Medical Center in Portland, Oregon. He was chairman of the orthopaedic department from 2009 to 2011, and presently serves as chairman of the Orthopedic Research Foundation at St. Vincent’s Hospital and Medical Center (2010-present).

Dr. Duwelius concentrates his orthopaedic practice on adult fracture surgery of the lower extremity and total joint reconstruction of the hip and knee. Minimally invasive hip and knee surgery, and clinical research in the areas of total joint arthroplasty and fractures of the lower extremity, are the major emphasis of his surgical practice.

After nearly 10 years in private practice, Dr. Duwelius is getting back into teaching, a change he is very excited about. This year he will have one resident and one fellow. He is looking forward to sharing the knowledge acquired through years of practicing orthopaedic surgery, as his mentors did for him early in his orthopaedic career.

“Teaching is a way to give back,” said Dr. Duwelius. “Education is very important and I feel extremely fortunate to have received my orthopaedic resident education at UNMC.”

During the time Dr. Duwelius attended residency, the department was under the leadership of the late Dr. John Connolly (chair, 1974-1990). Dr. Duwelius
Dr. Bernard Morrey is featured graduation speaker

The department is proud to announce Dr. Bernard Morrey as the featured speaker for this year’s graduation ceremonies, to be held June 21st and 22nd.

Bernard F. Morrey, M.D., is the emeritus chair of the Department of Orthopedics at Mayo Clinic. He holds the academic rank of Professor of Orthopedics at both Mayo and at the University of Texas Health Science Center, San Antonio, and is the John and Posy Krehbiel Professor of Orthopedic Surgery at Mayo. His major area of orthopedic interest is adult reconstructive surgery with particular emphasis on the hip, knee and elbow.

Dr. Morrey has served in a number of extramural professional capacities, including Past President of the American Academy of Orthopaedic Surgeons, Past President of the American Orthopaedic Association, and Past President of the American Shoulder and Elbow Surgeons. He has been the chair of the Board of Trustees of the Journal of Bone and Joint Surgery and also for the Journal of Shoulder and Elbow Surgery. He served for eight years on the Board of Governors of Mayo Clinic where he was primarily responsible for monitoring and improving the cost effectiveness and quality of the Mayo practice.

He is a member of numerous specialty orthopedic organizations, including the Orthopaedic Research Society, Hip Society, Knee Society, and American Shoulder and Elbow Surgeons. Dr. Morrey is a Fulbright Scholar, as well as a former member and consultant to the Food and Drug Administration Orthopaedic Device Panel, and to the National Football League.

Dr. Morrey has been recognized on numerous occasions for his contributions to the research arena – both clinically and administratively, nationally and abroad.

Shoulder and elbow surgeon joins orthopaedic full-time faculty

The department is excited to announce the addition of Dr. Matthew Teusink to our full-time faculty. Dr. Teusink attended medical school at the University of Iowa Roy J. and Lucille A. Carver College of Medicine and completed his orthopaedic residency at the University of Iowa Hospitals and Clinics. He is currently doing a shoulder and elbow fellowship at the Florida Orthopaedic Institute and will join the department in August of this year. Dr. Teusink’s special interests are in shoulder and elbow arthroplasty and reconstruction.

Learn more about Dr. Teusink in our fall issue of Breaking News.
Additional academic interests include NIH supported basic research investigations involving joint kinematics, and more recently he has investigated the genetic basis of host variation as it applies to the musculoskeletal system. He holds seven patents for orthopedic devices and has authored 12 major textbooks under four different titles. These works have been translated into six languages. Dr. Morrey has regularly served as an external reviewer and visiting professor of orthopedic training programs in the United States and internationally. He has authored over 385 peer-reviewed publications.

He is the personal orthopedic surgeon to the senior President and Mrs. Bush. He has been named a distinguished alumnus from both Mayo Clinic and the University of Texas Medical Branch, Galveston.

Dr. Morrey was reared in Ft. Worth, Texas. After working at NASA as an aerospace engineer for two years in Houston, he attended medical school at the University of Texas Medical Branch. He completed an internship and residency at Mayo Clinic Rochester, during which time he also received a master’s degree in biomechanics from the University of Minnesota. After two years of service in the Air Force, he joined the staff at Mayo in 1978.

SAVE THE DATE!
Graduation Celebration June 21-22

FRIDAY
JUNE 21, 2013

RESIDENT PRESENTATIONS
8:00 a.m. to 11:30 a.m.
Michael F. Sorrell Center for Health Science Education UNMC Campus (42nd and Emile) Room 1005

SATURDAY
JUNE 22, 2013

CHALLENGING ORTHOPAEDIC PROBLEMS OF THE UPPER EXTREMITY
8:00 a.m. to 12:00 p.m.
Michael F. Sorrell Center for Health Science Education UNMC Campus (42nd and Emile) Room 1005

BANQUET: OMAHA HILTON
6:00 p.m. Cocktail Hour
7:00 p.m. Dinner and Program
Room – Blackstone A
1001 Cass Street
Omaha, NE

CONGRATULATIONS TO THE 2013 GRADUATES

Left to right: Graduating residents and the fellowship opportunities they have chosen:

Nolan May, M.D.
Southern California Orthopedic Institute, Sports Medicine Fellowship, Los Angeles, CA

Jeremy Toomey, M.D.
University of Massachusetts Medical Center, Hand and Upper Extremity Surgery Fellowship, Worcester, MA

Annie Knierim, M.D.
Reno Orthopaedic Clinic, Trauma Fellowship, Reno, NV

Eric Samuelson, M.D.
OrthoCarolina, Shoulder & Elbow/Sports Medicine Fellowship, Charlotte, NC

WELCOME TO THE CLASS OF 2018

Match Day results are in! The new residents who will be joining our program are listed below, along with the medical schools they attended. Please join us in welcoming the Nebraska Orthopaedic Residency Program’s Class of 2018.

Leonid (Lenny) Grossman
Creighton University Medical Center

Sayfe Jassim
Sanford School of Medicine of the University of South Dakota

Benjamin Ogden
University of Virginia School of Medicine

Noah Porter
Creighton University Medical Center
Nebraskans at the AAOS/ORS

Chicago, Illinois, was the location for the 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons (AAOS) held March 19-23rd, and the Nebraska Orthopaedic Surgery Alumni Reception on March 21st. Department alumni and their guests gathered at The Gage to catch up with fellow alumni and friends.

This year’s Orthopaedic Research Society (ORS) Annual Meeting was held in San Antonio, Texas, January 26-29th. During the AAOS and ORS meetings, faculty and residents gave various presentations, and participated in specialty day symposiums and instructional course lectures. A full list of participants is listed below:

**AAOS ANNUAL MEETING**

Specialty Day Symposiums:

Instructional Course Lectures:

Scientific Paper Session:

Poster Presentations:

**ORS ANNUAL MEETING**

Invited talk:
- Haider, H.: Are Current Knee Test Methods Effective for the “Typical” Patient, and are they Applicable to the Highly Active or Obese Patient? Workshop 4: Obesity and Biomechanics.

Poster presentation:

Continuing education and Grand Rounds

The following continuing education seminars and Grand Rounds presentations by department faculty, current residents, and guest speakers are open to any interested participants. Please call the department at (402) 559-4533 to check on possible updates to this schedule. Orthopaedic Grand Rounds are now held in Room 1005 of the Sorrell Center.

**MAY 2013**
- 6 “Management of Subtrochanteric Femur Fractures” (Dr. Mormino)
- 13 “Proximal Humerus Fractures” (Dr. Philipp N. Streubel, Assistant Professor, Mayo Clinic College of Medicine)
- 20 “Septic Arthritis and Osteomyelitis” (Dr. Esposito)
- 27 Holiday – No Conference

**JUNE 2013**
- 3 “Women in the Orthopaedic Pipeline: Medical School, Residency and Beyond” (Dr. Scherl)
- 10 “Neurofibromatosis and the Elephant Man” (Dr. McGarry)
- 17 ASG Traveling Fellows Talks (for more information about the ASG Traveling Fellows see page 4)
- 24 Morbidity and Mortality Spring Quarter

**JULY 2013**
- 1 Mandatory Resident Meeting for all Orthopaedic Residents
- 8 Orthopaedic Anatomy Presented by PGY-1 Orthopaedic Residents
- 15 Orthopaedic Anatomy Presented by PGY-1 Orthopaedic Residents
- 22 Orthopaedic Anatomy Presented by PGY-1 Orthopaedic Residents
- 29 Orthopaedic Anatomy Presented by PGY-1 Orthopaedic Residents
fondly recalled several of the great teachers he was fortunate to learn under, including Drs. Connolly, Walt Huurman, Tom Ferlic, Michael Walsh, and Max Jardon. He expressed deep pride in being a UNMC graduate and is amazed at how far the department has evolved.

In recent years, Dr. Duwelius has been heavily involved in spearheading fundraising efforts for the John F. Connolly Resident Excellence Fund, in support of orthopaedic resident education at Nebraska.

“Dr. Connolly taught me how to learn,” said Dr. Duwelius. “He was an inspirational teacher and a great leader.”

Dr. Connolly was also a visionary, taking steps to plan for the future of the orthopaedic department.

“He found an exceptional chairman in Dr. Kevin Garvin, who has taken the department to the next level through things like the biomechanics lab and his humanitarian efforts,” said Dr. Duwelius.

Following the example set by his mentors, Dr. Duwelius has been active in giving back to the orthopaedic community through various avenues, including academy involvement, instructional course lectures, and has authored dozens of peer-reviewed publications over the years. He is a reviewer for the Journal of Arthroplasty, the New England Journal of Medicine, and the Journal of Bone and Joint Surgery Newsletter for Total Hip Arthroplasty.

He is also a member of several professional organizations including the American College of Surgeons (ACS), the American Board of Orthopaedic Surgery (ABOS), the American Academy of Orthopaedic Surgeons (AAOS), the Orthopaedic Trauma Association (OTA), the American Orthopaedic Association (AOA), and the American Association of Hip and Knee Surgeons (AAHKS), amongst others.

Dr. Duwelius is in charge of establishing a Total Joint Registry for the Providence Health Care System for research purposes, and will be chairman of the Adult Hip Reconstruction ICL Committee for the AAOS beginning next year.

Volunteer efforts include trips to the Dominican Republic for humanitarian relief and educational efforts through a Jesuit organization called the Institute for Latin American Concern through Creighton University. Freedom to Move is a humanitarian foundation established to raise funds for this relief effort. Teams of doctors, nurses, physical therapists, and other volunteers raise money to help orthopaedic relief operations overseas. This nonprofit organization was sponsored so that people that do not have the means can benefit from a total hip or knee replacement or receive an orthopaedic implant for a traumatic injury.

Dr. Duwelius is married and has three children. In his spare time he enjoys recreational and sporting activities with his family, fly fishing, upland bird hunting, cycling, and snow skiing.

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.

LISTED BELOW ARE THE NAMES AND TOPICS OF ALL VISITING SPEAKERS THAT PRESENTED IN THE DEPARTMENT OF ORTHOPAEDIC SURGERY FROM DECEMBER 2012 TO MARCH 2013.

DECEMBER 2012
3   Dr. Kenneth Bayles, Professor Pathology/Microbiology, UNMC
    “Biofilm and Biofilm-Related Infections”
10  Mr. Dan Rock, Attorney at Law
    Omaha, Nebraska
    “Medicolegal Issues in Orthopaedics”

FEBRUARY 2013
11  Dr. Angela Hewlett, Assistant Professor Infectious Disease, UNMC
    “Antibiotic Resistance in Staphylococcal Infections”
25  Dr. Karl Bergmann, Assistant Professor Department of Surgery, Section of
    Orthopaedic Surgery, CUMC
    “Scapula Fractures”

MARCH 2013
4   Dr. Ted Mikuls, Professor
    Department of Internal Medicine,
    Section of Rheumatology, UNMC
    “What’s New in Rheumatoid Arthritis”
20  Mr. Aaron Jacobsen, Orthotist
    Hanger Prosthetics and Orthotics, Inc.
    Omaha, NE
    “Lower Extremity Orthotics”

ALUMNI continued from pg 7

Director, Scientific Review and Information Technology, International Society of Technology in Arthroplasty (ISTA), September 2011-present.

Biomedical Engineering Committee, The American Academy of Orthopaedic Surgeons; Member, and Official Representative of the Orthopaedic Research Society.

Basic Science Education Committee (BSEC), The Orthopaedic Research Society, 2011-present.

Reviewer, Journal of Clinical Orthopaedics and Related Research (CORR), July 2010-present.

Appointed to the Editorial Board for the journal Advances in Orthopedics, June 2010-present.

Reviewer of abstracts (Re-appointment), Orthopaedic Research Society, August 2009-present.


Editorial Board Member, Journal of Engineering in Medicine, IMechE Part H, 2009-present.


International Society of Technology in Arthroplasty (ISTA), Member, Board of Directors, 2005-present.

International Standards Organization (ISO):  
- Chair, Expert Group revising knee wear testing standards, 2002-present
- Member, United States Delegation to Committee SC 150 (Medical Devices), 2002-present

American Society of Testing and Materials (ASTM):  
- Co-Chair, Knee Wear Testing Standards Committee, ASTM International, 2002-present
- Chair, Ankle Replacement Testing Standards Committee, ASTM International, 2000-present


Member, Membership Committee, Metro Omaha Medical Society, April 2012-present.


Surgeon, Operation Walk USA, Omaha, NE, Dec 7, 2012.

M2 ICE Course Instructor, UNMC College of Medicine, September 2009-present.

M3 Course Instructor, UNMC College of Medicine, September 2009-present.

Konigsberg, B.:  
- Member, Medical Student Admissions Committee, UNMC College of Medicine, June 2011-December 2014.
- Member, Membership Committee, Metro Omaha Medical Society, April 2012-present.
- Surgeon, Operation Walk USA, Omaha, NE, Dec 7, 2012.
- Instructor, M1 ICE Course, UNMC College of Medicine, August 2010-present.

McGarry, S.: University of Nebraska Medical Center Continuing Education Committee, Member, October 2012-present.

Musculoskeletal Transplant Foundation (MTF):  
- Memberships/Nominations Committee Member, February 2012-present
- Medical Board of Trustees, April 2006-present

Consultant Reviewer, Clinical Orthopaedics and Related Research, March 2011-present.

Consultant Reviewer, Orthopaedics, February 2011-present.

Tumor Module Editor, Orthopedics Hyperguide, February 2011-present.

Children’s Hospital of Omaha Bylaws Committee, Member, January 2008-present.

National Comprehensive Cancer Network (NCCN):  
- Soft Tissue Sarcoma Panel, July 2007-present
- Bone Cancer Panel, May 2006-present

University of Nebraska Medical Center Tissue Bank Review Committee, Member, 2006-present.

Mormino, M.:  
- AO North America:
  - Fellowship Advisory Board, 2011-present
  - Faculty, 1997-present
- At-large Member to the UNMC Physicians Board of Directors, UNMC Physicians, July 2010-2013.

Scherl, S.: American Orthopaedic Association:  
- Member, Traveling Fellowship Committee, June 2012-present
- Chair, ASEAN Traveling Fellowship Sub-Committee, June 2011-present

AAOS Leadership Development Committee, February 2009-February 2013.

Pediatric Orthopaedic Society of North America:  
- Editorial Board, ‘Resident Review,’ June 2009-present

CURRENT GRANTS:

Haider, H.: Wear Characterization of Metal-on-metal Total Hip Replacement Components with Differing Carbon Content, Tohoku Univ. Principal Investigator; November 2012-2013.

Haider, H.: A Battery of Tests to Characterize the Arthrex TKR System - Contact Area & Stress, Constraint and Range of Motion, and Modular Interlock Strength, Arthrex, Inc. Principal Investigator; November 2012-2013.


Mihalko, W.M., Haider, H., Potty, A.G., Saleh, K.J.: Risk and Benefits of see PUBLICATIONS pg 14
The job of residency coordinator might be compared to that of a circus juggler – mastering the art of keeping many tasks in the air and in constant motion, without letting a single one drop. Meet Geri Miller, juggling extraordinaire.

Geri Miller (photo, upper right) has been with the orthopaedic department for 13 years and an employee of UNMC for 30 years. During that time she has worked in the departments of pediatrics, pediatric nephrology, public affairs, pediatric cardiology, and pediatric gastroenterology and nutrition. She’s had a lot of different job duties, ranging from front desk receptionist to administrative support, filing, patient billing, assisting with research manuscripts and grants, and everything in between.

In 2004, her primary job function changed and she became the residency program coordinator, overseeing the department’s 19 residents, guiding them through the ins and outs of the 5-year program. For the orthopaedic residents she’s the go-to person: master scheduler & coordinator, travel agent, call schedule organizer, and a general ‘mom’ figure, making sure the residents get their responsibilities completed (on time). In addition, she makes sure the paperwork for the residency review committee (RRC) is complete and accurate, which helps to ensure the residency program keeps its accreditation status intact.

Geri also helps medical students who are rotating on the orthopaedic service, as well as being the point of contact for over 200 resident applicants each year – not to mention scheduling the hectic interview season.

Geri received the Silver ‘U’ Award in February of this year for her outstanding service to the orthopaedic department. She’s a two-time Silver ‘U’ recipient, having previously received the award in 2003. In March, she was also honored with a 30 Years of Service Award.

“Geri is the front door to the University for over 200 resident applicants and she treats all of them with respect and a smile,” said David Staiert, department administrator, who nominated Geri for the award.

Dr. Matthew Mormino, residency program director, also nominated Geri for the award stating, “The tasks of a residency coordinator are endless. One of Geri’s strengths is her ability to manage all of those tasks with perfect accuracy. You can always rest assured that she will get the job done (better than you could do it yourself) and with time to spare.”

Kudos to Geri for receiving a well-deserved honor!


Reed, L.: Invited faculty. AO Trauma Masters Foot and Ankle Course, Davos, Switzerland, December 1-5, 2012.


Kaleidoscope 2013: Dr. Kevin Garvin (left) with his patient, 13-year-old Nikole Andersen (right), who was featured in a video presentation at the Kaleidoscope event. Having undergone bilateral hip surgeries for juvenile rheumatoid arthritis at age 12, Nikole knows the importance of rehabilitation therapy. The March 9th event, which featured the theme “Every Movement is a Milestone,” raised more than $200,000 to benefit the new Lifestyle Rehabilitation Center, which focuses on promoting independence for patients of all ages who experience chronic and progressive debilitating conditions.

During the event, Dr. Kevin Garvin, chair of orthopaedic surgery, received the annual 2013 Kaleidoscope Visionary award, which was presented by UNMC Chancellor Harold Maurer.


SAVE THE DATE! OPERATION WALK USA 2013 • DECEMBER 2-7, 2013

How you can help: You can contribute to Operation Walk or Operation Walk USA by making a donation using the enclosed remittance envelope, or by contacting Meg Johnson at the University of Nebraska Foundation via phone (402-502-4107) or e-mail (mjohnson@nufoundation.org). Thank you for your support.

Department life

EMPLOYEE AWARDS

GERI MILLER
Residency Program Coordinator

SILVER ‘U’ AWARD
February 2013

30 YEARS OF SERVICE
UNMC
March 2013

DEANA SORGENFREI
Medical Billing Representative

10 YEARS OF SERVICE
UNMC Physicians
February 2013

FACULTY NEWS

Congratulations to Drs. Curtis and Stephanie Hartman on the arrival of their son Augustus Hugo Hartman, born March 25th, 2013. (Proud big brother, Emmett, shares the same birthday!) Dr. Curtis Hartman is an assistant professor in the Department of Orthopaedic Surgery and Rehabilitation.

SAVE THE DATE! OPERATION WALK USA 2013 • DECEMBER 2-7, 2013

How you can help: You can contribute to Operation Walk or Operation Walk USA by making a donation using the enclosed remittance envelope, or by contacting Meg Johnson at the University of Nebraska Foundation via phone (402-502-4107) or e-mail (mjohnson@nufoundation.org). Thank you for your support.
HIXSON ENDOWED FUND SUPPORTS RESEARCH AND EDUCATION AT UNMC ........PAGE 1
Continued support from Christina M. Hixson, sole trustee of the Lied Foundation Trust, helps the department excel in research and resident education.

NEBRASKA ROOTS INSPIRE DONATION FROM MATTSON ESTATE ......................PAGE 3
Harold “Pete” and Alice Mattson support orthopaedics and academic medicine at UNMC.

DR. MATTHEW TEUSINK TO JOIN ORTHOPAEDIC FULL-TIME FACULTY ...............PAGE 8
A new shoulder and elbow surgeon, Dr. Matthew Teusink, will join the department in August of this year.
This patient is a 30-year-old healthy female who, unfortunately, was struck in the low back by a very large object that broke free from a high ceiling. She suffered a temporary loss of consciousness, and woke up at the scene unable to move, or feel, her legs. She was transferred to the University of Nebraska Medical Center as a trauma. Initial trauma workup revealed essentially an isolated, severe, lumbar spine injury.

Initial CT scans showed a severe fracture dislocation through L3. (Figures 1,2) She had significant translation in the coronal and sagittal planes, and a large amount of retropulsed bone in her spinal canal. The displacement is also demonstrated on her axial CT image. (Figure 3)

On physical exam, she had significant motor and sensory deficits in bilateral lower extremities, consistent with a cauda equina injury. She had some minimal, scattered sensation present to light touch/pinprick in her legs. She had trace iliopsoas and quadricep function only, and no motor function below her knees. She was areflexic in bilateral lower extremities. She was otherwise alert and oriented, and medically stable.

Due to her significant injury and deficit, surgical treatment was discussed and recommended, and she was taken to the OR within a few hours of arrival at the emergency department.

We chose to approach her spine posteriorly to start, in order to reduce the significant displacement/translation and stabilize with instrumentation. Anatomic alignment was obtained in this fashion, as shown in the intraoperative x-ray. (Figure 4)

Then in a staged fashion, a retroperitoneal approach was used to perform an anterior L3 corpectomy, further decompress the canal of all bone fragments, and reconstruct the anterior column with an expandable titanium cage and local autograft. (Figures 5,6,7)
She tolerated both procedures well, and had improved lower extremity sensation, as well as improved iliopsoas/quadricep function, prior to discharge to a rehabilitation facility.

In summary, this is a 30-year-old female who had a catastrophic lumbar fracture dislocation with a burst fracture and significant cauda equina injury. Her spine was grossly unstable. Immediate reduction/stabilization was required to realign her spine and provide stability, as well as protect her neural elements from further injury and optimize neurologic recovery.

This is a somewhat unique situation where posterior realignment and stabilization facilitates the anterior decompression, whereas many typical burst fractures benefit from an anterior procedure first, or in isolation. She has gone on to do some standing and walking in rehabilitation, and we expect her to be a functional ambulator with ankle foot orthoses (AFOs) for ankle support.