Breaking News

GOING GLOBAL: OPERATION WALK PROVIDES RELIEF AT HOME AND ABROAD

UNMC ORTHOPAEDIC SURGEONS GIVE BACK WITH THE GIFT OF MOBILITY

In November of 2011, the Operation Walk – Nebraska team embarked for Antigua, Guatemala. This was the group’s 2nd annual mission trip to Guatemala to give back by giving the gift of mobility to impoverished patients who otherwise may never have walked again.

The UNMC team, along with other groups from North America and a group from London, Ontario, Canada, performed 73 joint replacement surgeries on 63 patients.

“The trip went extremely well,” said Dr. Kevin Garvin, chair of orthopaedic surgery. “We performed a case that would have been challenging even in the states. The resiliency and toughness of the patients we encounter in Guatemala continues to impress us all.”

The patients helped through Operation Walk are often disabled from debilitating arthritis affecting their joints and causing severe pain. Resources are scarce in many impoverished countries and there are no means to help those who are suffering from this terrible disease. Without help from Operation Walk, they would likely remain immobile and in crippling pain the rest of their lives.

see OPERATION WALK pg 4

Raising Awareness of the Rising Cost of Musculoskeletal Disease

DR. BEAU KONIGSBERG RECENTLY TRAVELED TO CAPITOL HILL TO ADVOCATE FOR INCREASED FUNDING FROM CONGRESS TO SUPPORT THE FUTURE OF MUSCULOSKELETAL CARE IN OUR NATION

The American Academy of Orthopaedic Surgeons’ (AAOS) Research Capitol Hill Days is an annual event that gives physicians, researchers and patients the opportunity to meet with U.S. Senators and Representatives as advocates for increased federal funding to support musculoskeletal research. As a recent participant in the

see ADVOCATE pg 6
Message from the chair

Giving back.

You have probably heard us talk about our activities with Operation Walk a quite a bit lately. That’s because we think it means a lot. Over the past two years of being involved with this mission, we have come to appreciate that this is a humbling and gratifying way to bring the year to a close and give thanks for the opportunities we have been afforded, by giving back to those who are suffering greatly and are not able to help themselves. We want to take this opportunity to thank everyone who has donated to this worthy cause and give you an update on last year’s activities.

In November the Operation Walk – Nebraska team embarked on a 2nd annual mission to Antigua, Guatemala to give relief to impoverished patients who are often disabled from pain and debilitating arthritis. Together, Team Nebraska and Team Canada performed 73 joint replacement surgeries on 63 patients, for a very successful mission!

Shortly after returning home, we were also honored to be able to represent the state of Nebraska as a participating location in the first annual Operation Walk USA mission, held in December. A collaborative effort between The Hip Society, The Knee Society and the American Association of Hip and Knee Surgeons (AAHKS), Operation Walk USA consisted of 60 surgeons in 18 states at 26 hospitals who joined forces to perform charitable joint replacements on 85 patients right here in America!

In February, we kicked off the new year with the annual meetings of the American Academy of Orthopaedic Surgeons (AAOS) and Orthopaedic Research Society (ORS) in San Francisco. Each year our department works hard to be able to have strong representation at these national meetings, and this year was no exception, with faculty and residents participating in 2 symposiums, 3 specialty day symposiums, 3 instructional course lectures, 1 paper (moderator), 1 podium presentation and 3 poster presentations.

Also during the AAOS meeting, we held our annual Nebraska Orthopaedic Alumni Reception at the Marines’ Memorial Club, with alumni and guests gathering together to catch up on the past year’s activities. We truly enjoy this event each year, which allows us to catch up with fellow alumni and friends, and helps us maintain a strong Nebraska bond throughout our orthopaedic community. Thanks for joining us!

We hope you will also join us in June to help us celebrate the upcoming graduates of the Class of 2012 as they move onto the next phase of their orthopaedic careers. Mark your calendars and plan to attend our annual graduation ceremonies on June 15th and 16th. See you then!

Kevin L. Garvin, M.D.
Professor and Chair
Orthopaedic Surgery and Rehabilitation
As promised, we will continue to show our progress in each subsequent issue of Breaking News, until the goal has been reached.

If you are interested in making a donation or pledge to the John F. Connolly Resident Excellence Fund, you may do so with the enclosed remittance envelope, or by contacting Meg Johnson with the University of Nebraska Foundation at (402) 502-4107 or via email at mjohnson@nufoundation.org.
“The goal of our team is to help these individuals regain their quality of life, and to allow them to function normally and without pain,” said Dr. Curtis Hartman, assistant professor of orthopaedic surgery and Operation Walk team surgeon. “The immense gratitude the Guatemalan patients have shown us is rewarding beyond words.”

Since Operation Walk was founded in 1994 by Lawrence Dorr, M.D., the international organization has improved the lives and mobility of over 6000 patients in developing countries.

Building on the success of this global effort, orthopaedic surgeons around the nation joined together in December of 2011 to make the first annual Operation Walk USA a reality.

Read more on page 5 about this successful mission.

Operation Walk USA 2011 and Dr. Larry Dorr featured on NBC’s Nightly News “Making a Difference”

On January 31, 2012, Dr. Larry Dorr, founder of Operation Walk, was featured on the “Making a Difference” segment of NBC’s Nightly News. Dr. Nancy Snyderman interviewed Dr. Dorr regarding Operation Walk USA 2011 and the difference that was recently made in many American’s lives. Read an excerpt from the program’s transcript below:

“Our Making a Difference report tonight is about a doctor helping people get back on their feet again. They’re in constant pain, but like many Americans they can’t afford to pay for the care they need. That’s where one doctor and his doctor friends come in. . . For years, Operation Walk, the charity he founded, has provided free surgeries for thousands of vulnerable people around the globe. Now with tough economic times in this country, Dr. Dorr is bringing his charity home. During a recent two-day span, he and 60 other orthopedic surgeons operated on 85 uninsured patients, replacing their bad hips and knees.”

Watch the full video on the NBC Nightly News website or by visiting the News & Events page of our website at www.unmc.edu/orthosurgery.

Operation Walk is a private, not-for-profit, volunteer medical services organization that provides free surgical treatment for patients in developing countries, who otherwise have no access to life-improving care for arthritis or other debilitating bone and joint conditions.
Recognizing the growing need to provide the same level of orthopaedic care to impoverished patients in our own country, on December 2-3, 2011, 60 surgeons in 18 states at 26 hospitals joined forces to perform charitable joint replacements on 85 patients, making the first annual Operation Walk USA mission a huge success! Operation Walk USA is a collaborative effort between The Hip Society, The Knee Society and the American Association of Hip and Knee Surgeons (AAHKS).

In Nebraska, Dr. Beau Konigsberg, assistant professor of orthopaedic surgery, participated in the mission and completed a free joint replacement on Charles Jones of Omaha at the The Nebraska Medical Center on December 2nd.

Prior to being diagnosed with avascular necrosis, Jones was a chef and a minister, both of which required spending a lot of time on his feet. In May of 2010 his pain became unbearable and warranted a trip to the emergency room. That eventually led him to be seen by Dr. Konigsberg who confirmed that Jones had avascular necrosis in his left hip and would need a hip replacement.

Jones, who had been on medical leave without pay since his diagnosis, was financially unable to afford hip replacement surgery. When he received the call that Dr. Konigsberg had chosen him to be a patient in Operation Walk USA, he felt hopeful that he would return to work and his previous quality of life. We are happy to report that he has now returned to work full time!

If you are interested in making a donation in support of Operation Walk-Nebraska or Operation Walk USA, you may do so with the enclosed remittance envelope, or by contacting Meg Johnson with the University of Nebraska Foundation at (402) 502-4107 or via email at mjohnson@nufoundation.org.
Senator Mike Johanns and Dr. Beau Konigsberg discuss the need for increased federal funding to support musculoskeletal research at the AAOS Research Capitol Hill Days, March 14-15, 2012.

first annual Operation Walk U.S.A. event (December 2011), Dr. Beau Konigsberg, assistant professor in the Department of Orthopaedic Surgery and Rehabilitation, was called upon by the AAOS to be a representative during this vital address to Congress to build on its current support of musculoskeletal research by making a commitment to provide sustained long-term funding.

In March, Dr. Konigsberg traveled to Washington, D.C., and had the opportunity to meet several influential leaders and committee members including members of the AAOS leadership, President John Tongue, Vice President Josh Jacobs, and members of the AAOS Research Development Committee; NIAMS; NIH; Senator Johanns; staff from Congressman Lee Terry’s office; and two Colorado congressmen’s staff.

“This was a great opportunity to learn more about the federal funding process for musculoskeletal research through the NIH and how our academy is working to maintain and support it,” said Dr. Konigsberg.

According to the AAOS, more than 1 in 4 Americans has a musculoskeletal condition requiring medical attention. Treatment of these conditions has an enormous fiscal impact on the American health care system each year.
In recent years there has been a significant rise in the number of musculoskeletal conditions and the cost to treat those conditions, however funding for orthopaedic research has grown at a much slower rate.

It is projected that in the next 10-20 years, the aging population will increase significantly, further escalating the number of musculoskeletal conditions and cost of those healthcare related services.

The basic and clinical scientific research that will be needed to find the improved treatments and discover much needed cures will be directly impacted by the amount of funding awarded to the National Institutes of Health (NIH), National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS).

The AAOS Research Development Committee is doing important work to secure this funding, which will have a great impact on the quality of care that we, as orthopaedic surgeons, are able to offer to our patients in years to come. We hope that you will support them in their efforts in any way that you are able.

Dr. Todd Miner (orthopaedic surgeon), Senator Mike Johanns, Dr. Beau Konigsberg (orthopaedic surgeon), and Mr. Bob Wentzell (patient) at the AAOS Research Capitol Hill Days, March 14-15, 2012. Drs. Miner and Konigsberg were participating surgeons in Operation Walk U.S.A. 2011. Mr. Wentzell received a pro bono knee replacement surgery by Dr. Miner as part of that mission.
DEPARTMENT CHAIR ELECTED INTO INTERNATIONAL ORTHOPAEDIC SOCIETY

Kevin Garvin, M.D., professor and chair of the Department of Orthopaedic Surgery and Rehabilitation, was elected into membership of the International Hip Society (IHS) in April.

The society was founded in Paris in 1976 by the world’s pre-eminent hip surgeons, and facilitates exchanges among expert hip surgeons around the globe to help improve the lives of patients affected with hip diseases.

Election to the society occurs by nomination from active members, including hip surgeons from the United States, Canada, Austria, China, Italy, United Kingdom, Australia, Korea, France, Japan, New Zealand, Spain, Sweden, Switzerland, and Germany.

Dr. Reinhold Ganz (University of Zurich, Department of Orthopaedic Surgery) is President of the IHS and will host the 2012 Closed Meeting of the IHS in Zurich, Switzerland, in September.

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 2012

7 Hip Abductor Tendon Pathology and Treatment
   (Dr. Nicholas Aberle)
14 Radial Head Fractures
   (Dr. Annie Knierim)
21 Crystalline Arthropathy
   (Dr. Ted Mikuls, UNMC Internal Medicine)
28 No Conference – Holiday

JUNE 2012

4 Surgical Considerations in Patellofemoral Instability
   (Dr. Miguel Daccarett)
11 History of Limb Reconstruction with Megaprostheses after Tumor Resection
   (Dr. Sean McGarry)
18 No Conference – Post Graduation Event
25 Morbidity and Mortality – Spring Quarter
SAVE THE DATE!

GRADUATION CELEBRATION JUNE 15-16

FRIDAY, JUNE 15, 2011

7:30 a.m. to 11:00 a.m.
Resident Presentations:
Michael F. Sorrell Center
for Health Science Education
UNMC Campus
(42nd and Emile)
Room 1005

1:00 p.m.
Golf: Indian Creek Golf Course
3825 North 202nd Street
Elkhorn, NE

SATURDAY, JUNE 16, 2011

7:30 a.m. to 11:00 a.m.
Spine Symposium
Michael F. Sorrell Center
for Health Science Education
UNMC Campus
(42nd and Emile)
Room 1005

6:00 p.m.
Banquet: Omaha Country Club
6900 Country Club Road
Omaha, NE

Read more about this year’s graduates, speakers and events on pages 10 & 11.

WELCOME TO THE CLASS OF 2017

Match Day results are in! The new residents who will be joining the program
are listed below, along with their medical schools. Please join us in welcoming
the Class of 2017.

ERIC BONNESS
UNIVERSITY OF NEBRASKA MEDICAL CENTER

COURTNEY GRIMSRUD
SANFORD SCHOOL OF MEDICINE OF THE UNIVERSITY OF SOUTH DAKOTA

PAUL JOHNSON
MEDICAL COLLEGE OF WISCONSIN

ANDREW KIRKPATRICK
MEDICAL COLLEGE OF WISCONSIN
Congratulations to the graduates of 2012

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

**RYAN W. HESS, M.D.**
Andrews Institute Sports Medicine Fellowship, Gulf Breeze, FL

**NICHOLAS S. ABERLE II, M.D.**
Colorado University Sports Medicine Fellowship, Denver, CO

**BRIAN A. VERNON, M.D.**
Mayo Foundation Spine Surgery Fellowship, Rochester, MN

**LUCAS J BURTON, M.D.**
University of Louisville Adult Reconstruction Fellowship, Louisville, KY

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Dr. James D. Kang is featured speaker for June graduation ceremonies

**JAMES D. KANG, M.D.**
Vice chairman, Department of Orthopaedic Surgery
Director, Ferguson Laboratory for Spine Research
University of Pittsburgh Medical Center

The department is proud to announce Dr. James D. Kang as the featured speaker for this year’s graduation ceremonies to be held June 15th & 16th. Dr. James D. Kang is vice chairman of the Department of Orthopaedic Surgery at the University of Pittsburgh Medical Center, and director of the Ferguson Laboratory for Spine Research. Dr. Kang is also a professor of orthopaedic and neurological surgery and holds the UPMC Endowed Chair in orthopaedic spine surgery.

Dr. Kang completed his education with an M.D. from the University of Oklahoma, School of Medicine in 1986. After finishing his residency at the University of Pittsburgh in 1992, Dr. Kang followed through with a spine surgery fellowship at Case Western Reserve University, School of Medicine, under the director Dr. Henry Bohlman. Currently, Dr. Kang is clinically active in the treatment of degenerative spinal disorders, scoliosis, spinal stenosis and herniated discs (lumbar & cervical). He also has interests in the practice of minimally invasive spine surgery.

Dr. Kang has authored nearly 300 publications as a result of both his clinical practice and his research interests. Due to his contributions to his field, he has been the recipient of many awards including the highest societal awards for spinal research conferred by the leading international spine societies: The International Society for the Study of the Lumbar Spine, the Cervical Spine Research Society, and the North American Spine Society.

As a result of his clinical practice, Dr. Kang has become an international leader in the basic science and clinical treatment of intervertebral disc degeneration and is actively involved with an accomplished research team focusing on the biochemistry of disc degeneration, gene therapy application to disc degeneration, and the biomechanics of the spine.
Harold Andersen to be non-orthopaedic guest speaker for resident graduation

The department is also excited to announce Mr. Harold Andersen as the non-orthopaedic speaker for this year’s resident graduation ceremonies.

Harold Andersen has spent his life in an unrelenting quest to see a free press established globally and has affected political and governmental decision-making worldwide. He began working for the Omaha World-Herald in 1946 as a reporter, became assistant to the managing editor in 1958, then served successively as assistant to the president, vice president and business manager. He served as president, chief executive and publisher from 1966 – 1989.

Mr. Andersen was the first American to serve as president of the International Federation of Newspaper Publishers and is the only Nebraskan to be chair and president of the American Newspaper Publishers Association. He served as a director of the Associated Press and chaired its Foreign Operations Committee and served as chairman of the World Press Freedom committee. Mr. Andersen has also served on many boards throughout the nation, including the Federal Reserve Bank.

Graduates of UNL, Harold Anderson and his wife, Marian, have contributed to the university as alumni, donors and heralds for community service. The University of Nebraska is only one of their diverse community and global interests. The Andersens have been recognized for their efforts and achievements not only in Nebraska but also around the world.
Nebraskans at the AAOS/ORS

San Francisco, California was the location for this year’s Annual Meeting of the American Academy of Orthopaedic Surgeons (AAOS) held February 7-11th, and the Nebraska Orthopaedic Alumni Reception on February 9th. About 40 alumni and their guests gathered at the Marines’ Memorial Club to catch up with fellow alumni and friends.

The Orthopaedic Research Society (ORS) Annual Meeting was also held in San Francisco, CA, February 4-7, 2012. 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 Symposia:**


**Symposia:**
**Scherl, S.:** Dealing with the child abuse fracture in Symposia J: The Kids You See on Call: Pearls for Managing Urgent Pediatric Orthopaedics.

**Garvin, K.:** (Presenter), and **Haider, H.:** Using Highly Cross-linked Polyethylene in Total Joint Arthroplasty: The Argument Against in Symposium C: Controversies in Primary Total Knee Arthroplasty.

**Instructional Course Lectures:**
**Garvin, K.:** (Presenter and moderator) Infected Total Knee Arthroplasty: Prevention and Management in Instructional Course Lecture #250: Complications after Total Knee Arthroplasty.

**Scherl, S.:** (Presenter) Instructional Course Lecture #314: Challenges in the Management of Fractures in Adolescents - A Case Based Approach.

**Garvin, K.:** (Presenter and moderator) Femoral Component Revision: How to Obtain Fixation in

**Paper Presentations:**
**Garvin, K.:** (Moderator) Paper presentation: Adult Reconstruction Knee Session VII: Basic Science Cost.


**Poster Presentations:**
**May, N.; Vincent, S.; Walker, C.; Manzer, M.; Apker, K.; and Fehringer, E.:** Poster presentation #297: Less than 100% Bone Support May Not be Associated with Radiolucencies with a Partially Cemented Glenoid Component.

**ORS ANNUAL MEETING**

**Poster Presentations:**
**Dusad, A; Chakkalakal, D; Namavar, F; Haider, H; Thiele, G; Hanisch, B; Duryee, M; Diaz, A; Rensch, A; Zhang, Y; Hess, R; Fehringer, E.:** Poster presentation #1967: Nanomaterial-Coated Implants for Joint Replacement in Elderly Patients.

**Namavar, F.; Sabirianov, R.; Marton, D.; Rubinstein, A.; and Garvin, K.:** Poster presentation #0981: Why is Titanium Biocompatible?

**Weisenburger, J.; Haider, H.; Naylor, M.; Schroeder, D.; White, B.; Unsworth, A.; and Garvin, K.:** Poster presentation #2074: Friction of a variety of Total Hip Replacements.
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.

**Visiting Speakers Expand Resident Education**

**NOVEMBER 2011**

14  Dr. Karl Bergmann  
Creighton University Medical Center (CUMC)  
Omaha, NE  
“Tibial Plateau Fractures”

18  Resident Research Forum  
Dr. William Mihalko  
Campbell Clinic  
Memphis, TN  
“Surgical Technique and the Effects on TKA Biomechanics Improving Patient Outcomes”

**DECEMBER 2011**

12  Dr. Justin Siebler  
CUMC  
Omaha, NE  
“Definitive Management of Pelvic Ring Injuries”

**FEBRUARY 2012**

29  Aaron Jacobsen  
Hanger Prosthetics and Orthotics  
Omaha, NE  
“Lower Extremity Prosthetics”

**MARCH 2012**

12  Dr. Karl Bergmann  
CUMC  
Omaha, NE  
“Patella Fractures”

19  Dr. Ryan Arnold  
OrthoWest  
Omaha, NE  
“Osteochondritis Dissecans”

**APRIL 2012**

4  Dr. Mark Puccioni  
Children’s Hospital and Medical Center  
Omaha, NE  
“Neurosurgical Issues in the Pediatric Spine”

25  Dr. Adam Reinhardt  
Children’s Hospital and Medical Center  
Omaha, NE  
“Pediatric Rheumatology”

30  Dr. Michael Gross  
GIKK  
Omaha, NE  
“Medical Missionary Work”


American Spine Society Annual Meeting, Chicago, IL, November 4, 2011.


PRESENTATIONS, REGIONAL AND LOCAL:


Raising Awareness of the Rising Cost of Musculoskeletal Disease

Dr. Beau Konigsberg advocates for increased federal funding to support musculoskeletal research during the recent AAOS Research Capitol Hill Days in Washington, D.C.

Dr. James D. Kang is Featured Graduation Speaker

This year’s featured speaker for orthopaedic graduation is Dr. James D. Kang, vice chairman of the Department of Orthopaedic Surgery at the University of Pittsburgh Medical Center, and director of the Ferguson Laboratory for Spine Research.

Department Chair Elected into International Orthopaedic Society

Kevin Garvin, M.D., was recently elected as a member of the International Hip Society.
Department faculty members present many lectures, seminars, and courses at local and regional, as well as national and international meetings. 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 2011 – May 2012.

**PUBLICATIONS (peer-reviewed):**


**PUBLICATIONS (other):**


**BOOK CHAPTERS AND REVIEWS:**


(continued on back)
ONLINE EDUCATIONAL MATERIALS:


VIDEO EDITS:

Haider, H.: Biomedical Engineering Committee, The American Academy of Orthopaedic Surgeons (AAOS); Member, and Official Representative of the Orthopaedic Research Society, February 2012.


Haider, H.: Associate Member Basic Science, American Academy of Orthopaedic Surgeons (AAOS), February 2012 - present.

Haider, H.: Member, Musculoskeletal Tumor Society (MSTS), October 2011.

Haider, H.: Director, Scientific Review and Information Technology, International Society of Technology in Arthroplasty (ISTA), September 2011.

Haider, H.: Basic Science Education Committee (BSEC), The Orthopaedic Research Society, 2011.

RECENT GRANTS RECEIVED:


PRESENTATIONS, INTERNATIONAL AND NATIONAL:
Esposito, P.: Ankle Osteotomy in Osteogenesis Imperfecta in: Symposium on Lower Extremity. Pediatric Orthopaedic

see PUBLICATIONS pg 14