

Message from the Acting Chair

Transitions

Dear Friends of UW Orthopaedics,

Since our last edition of the e-news the rapid pace of changes surrounding our Department has continued. All of these developments are poised to direct us into an exciting and most successful future.

Our Chair Search is proceeding at an intense pace. We are very privileged to have had true leaders of Orthopaedic surgery in North America show their interest in our program. Our Department is indebted to the hard work of our search committee with its Chair, Dr. Neal Futran, and all of its members.

From July 29 - 31 we successfully completed our first 'Summit in Seattle' with this year's topics 'Fractures and Trauma' and 'Foot and Ankle Surgery'. The program was superimposed on our annual ACE and Fellows graduation, and was attended by over 130 colleagues including many members from the community and alumni. The occasion was a bittersweet one, as our own Sigvard T. Hansen announced his retirement at the end of the year (he will remain with us as Professor Emeritus). For the duration of the meeting we could rightfully consider ourselves the epicenter of North American Orthopaedic Traumatology, with five current or past Orthopaedic Trauma Association presidents (Larry Bone, Brad Henley, Jim Kellam, Marc Swiontkoski, Tim Bray), two past presidents of the AO Foundation (Paul Manson, Jim Kellam), and a large number of current or past Chairs of major Departments (Jim Hughes, Dave Teague, Thomas Schildhauer and many others) around North America in attendance.

Senior representatives of UW Medicine showed their interest in Orthopaedics

with their attendance. Aided by distinguished Alumni chairs Sam Agnew, Cliff Jones and George Russell, our distinguished visiting professor Tim Bray guided us through the two and a half days of lectures, interactive sessions, and a cadaver 'how-to' workshop at our new HMC ISIS lab, with esprit and a sufficient dose of light-heartedness.

Our first Chair D. Kay Clawson, M.D. (who attended with his wife Janet) provided vivid first-hand accounts of the founding moments of Harborview as a major trauma center. The unforgettable highlight of the presentations was the public airing of two videos - *Harborview: The Trauma Story* and *The Marty Kniest Story*. Both projects were envisioned and then professionally created by Clinical Faculty member Robert Clawson, M.D. (no relation to Kay Clawson) from Northwest Hospital. Using his own funds and aided by his good friend Dick Foley (of Northwest Afternoon talk show fame), he professionally produced these videos about the historic contributions to modern trauma care made by a few key individuals right here at Harborview in the 1970's and 80's. All of us at the Summit in Seattle event were eyewitnesses to a historic reunion: forty-three years after sustaining a polytrauma as a 17-year-old cheerleader, Marty Kniest - the recipient of the first reamed intramedullary nails placed at Harborview by Dr. Hansen - was in personal attendance for the airing of the video, which illustrated the drama surrounding her care back in 1968. For anyone who missed it - please look for these and other programs on our website <http://www.orthop.washington.edu/> or at uwtv.org.

In a show of appreciation for our Department's cumulative efforts over the past decades UW Medicine and Harborview Medical Center announced their support for the relocation of our Departmental administrative and faculty offices into the Ninth and James Tower on the Harborview campus over the next two years. This will provide the most significant



Acting Chairman Jens R. Chapman, M.D..

facilities upgrade to our Department over the past quarter century, and will allow us to optimize our Departmental functions through organizational realignment, while setting the foundation for our future development through new spaces.

I hope you will take this opportunity to look through our new edition of Orthopaedics & Sports Medicine eNews and catch up on the many other developments under way. Thank you for your support and interest in our Department and please stay in touch!

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Spotlight on: Sigvard "Ted" Hansen, M.D.



"Who'll be the next Ted Hansen?"

That daunting question has been heard increasingly at Orthopaedic conferences in recent years. Now, at the end of 2010, our own "Father of Traumatology," Sigvard "Ted" Hansen, M.D., will retire from full-time practice.

His remarkable life began on a farm in the Spokane Valley in the late 1930's.

Early on, he learned the value of

independent thought, hard work and self-determination from his father, whose parents immigrated to Eastern Washington from Denmark. At Whitman College, young Ted's original intent was to study theoretical math, but he found he preferred to "deal with what I can touch and feel and see." A course in Natural History changed his focus to Biology and, ultimately, Medicine. Meanwhile, on the football gridiron, he became Whitman's captain and star nose guard.

A UW Orthopaedic residency in the late 60's was followed by a year at Sheffield Children's Hospital. There, his interests in engineering and foot surgery deepened and united. Engineering's study of planes and angles fascinated him: "Muscles, essential motors and just moving the motors around until you get the right balance." And "feet are the most interesting part of the body from (an engineering) standpoint. My grandmother had the most god-awful feet, and a friend in high school had club feet, so I was always interested.... Trauma, and foot and ankle surgery, were two areas of focus that nobody at that time seemed to be interested in."

His early training also included three years as a lone medical officer at an Oahu naval depot, and further pediatric experience at a Spokane hospital. Quickly, young Ted Hansen's surgical gifts were evident; his "golden fingers" and an "uncanny gift for perceiving in three dimensions" were cited.

Back in the early 70's, standard procedure for trauma victims with severe fractures was to place them in plaster casts and long-term traction, where they healed slowly and grew weaker, often afflicted by blood clots, infection, or pneumonia. Orthopaedic Chairman D. Kay Clawson M.D. saw things differently, as did his young resident, Sigvard T. Hansen. They shared bold and remarkable views on saving limbs and lives.

They saw that, in Dr. Hansen's words, "if you have a severe crush, the best thing to do is to re-establish the skeleton," resulting in faster and more anatomical soft tissue healing. Hansen employed new Swiss and German tools previously unknown in the U.S., and led Harborview MD's in treating trauma far more aggressively.

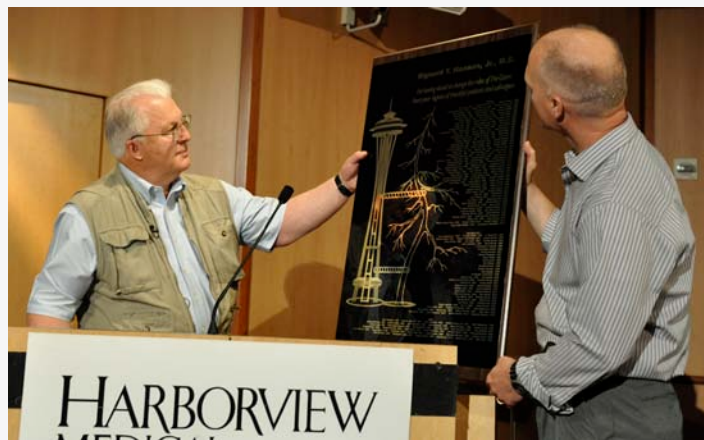
Seattle Orthopaedist Robert A. Winquist M.D., a Department resident during this period, adds "Clawson had the vision, and Hansen was brave enough and good enough to do this." Quickly, Ted Hansen rose to Chief of Trauma Service.

Nearly forty years later, the "revolutionary" techniques he helped pioneer are established practice, and HMC is among the premier Trauma hospitals in the world. Looking back, he says "I'm most proud of all the people that have trained here. (Faculty) in almost every country in the world... it could be in Hong Kong, Singapore, Australia or New Zealand, the major people there will be people that trained at Harborview."

Ted's career honors include the 1994 endowment of the Sig T. Hansen Endowed Chair for Traumatology Research at UW; an honorary doctor of science degree from Whitman in 1997; and the 2000 dedication of Harborview's Sigvard T. Hansen Jr. Foot and Ankle Institute. This February, he received the "Harborview Mission of Caring Award". However, he considers his top career honor to be the Swiss AO Foundation's lifetime achievement award, the "Award for Innovation" which he received in '06. Through that foundation he has "met... fantastic people and been invited to teach and operate all over the world."

In short, Dr. Hansen is a true Orthopaedic pioneer who has revolutionized Trauma Care in the United States. Through these vast improvements in treatment, through his warmly personal and honest relationships with patients, and through remarkably innovative, skilled, and fearless surgeries, he has improved the quality of lives for countless patients for forty years and counting.

(Material from The Seattle Times, Whitman Magazine, and the film *Harborview: The Trauma Story* was used in the writing of this article.)



Eric Hansen, M.D. (R) presents his father Ted Hansen, M.D. (L) with a plaque at the 2010 HMC Trauma Summit. It reads: "For having dared to change the rules of The Game - From your legion of thankful patients and colleagues," and lists the names of over 300 Fellows trained in Foot/Ankle and Trauma/Spine

Department News

HMC, UWMC Spine Centers Honored

Harborview Medical Center and University of Washington Medical Center have been designated by Regence as Blue Distinction Centers for Spine Surgery. We are two of only four Spine Surgery Centers recognized in Washington State, and the only two Blue Distinction Spine Surgery Centers in Seattle.

Congratulations to Patty O'Leary-Crutchler, Harborview Clinic Manager, who worked very hard to have the HMC Surgical Spine Center considered for this designation!

See the August Regence newsletter under "Products and Programs":

<http://www.wa.regence.com/provider/library/newsletters/eNewsletters/2010/august/index.html>

HMC, UWMC, SCH Orthopaedics Among Nation's Top Ranked

U.S. News and World Report evaluated almost 5,000 hospitals and 96 children's hospitals for their 2010 - 2011 rankings of adult and children's specialties.

Orthopaedics at Harborview Medical Center moved up 15 spots from last year to #12 in the rankings. UWMC Orthopaedics is ranked #16, and the hospital as a whole made the honor roll (#12) for scoring high in at least six specialties. Seattle Children's Orthopaedics ranked #15 in the children's subspecialties.

View the full rankings online: <http://health.usnews.com/best-hospitals/rankings>

HMC's Inaugural Trauma Summit



Our inaugural Trauma Summit, presented by HMC's Orthopaedic Alumni Organization in association with UW Medicine and UW School of Medicine's Office of Continuing Medical Education, was held on July 29th through 31st at Harborview's Research and Training Building (*participants pictured above*).

This first-of-its-kind event featured an unparalleled congregation of internationally renowned Trauma and Foot and Ankle Surgery faculty. There were lectures, interactive case discussions, cadaveric dissections of state-of-the-art techniques, and a tour of our new HMC-ISIS labs. Large numbers of alumni and colleagues

from a variety of Orthopaedic specialties participated. The summit also celebrated Dr. Sigvard T. Hansen's retirement at the end of this year.



Drs. Marc Swiontkowski, Tim Bray (guest speaker), Brad Henley, Larry Bone, and Jim Kellam at the Trauma Summit dinner Saturday, July 31st

Seattle's "Top Docs" 2010

The following Department physicians have been named Seattle "Top Docs" for 2010 by Seattle Magazine!

Acting Chair Jens Chapman M.D., Carlo Bellabarba M.D., Ernest "Chappie" Conrad III M.D., Doug Hanel M.D., Sigvard "Ted" Hansen M.D., Frederick Matsen M.D., Bruce Sangeorzan M.D., Greg Schmale M.D., Douglas Smith M.D., Carol Teitz M.D., Thomas Trumble M.D., and Chris Wahl M.D.

Additional "Top Docs" include our Joint Faculty members Janet Eary M.D. and Nicholas Vedder M.D.; and Department alumnae David Belfie M.D., Christopher Cannon M.D., Alexis Falicov M.D., Daniel Flugstad M.D., and Lyle Sorenson M.D.

The list appears in Seattle Magazine's July 2010 issue: <http://www.seattlemag.com/0p135a2232/feature-seattle-magazines-top-doctors-2010/>

Department News

iFab



Peter Cavanagh, Ph.D., introducing Dr. Ahmet Erdemir at a workshop on FE modeling

The 2nd Congress of the International Foot and Ankle Biomechanics Community (iFab) was held at the University of Washington September 16-18.

Peter Cavanagh (OSM Professor and Vice Chair for Research) and Bill Ledoux (Research Health Scientist, VA Center of Excellence for Limb Loss Prevention and Prosthetic Engineering) served as co-Chairs. The Congress was attended by 274 people from 26 countries. 170 podium and poster presentations were given. Srinivas C. Tadepalli and Atul Kumar from the CoRE Biomechanics Lab gave poster presentations during the conference.

In addition to the science presentations, four hands-on workshops were presented the day before the Congress began, and received tremendous reviews with overflowing attendance.

The workshops included #1: Anatomy of the Human Foot, presented by Roshna Wunderlich, PhD, #2: Foot and Ankle Considerations in Rigid-Body Dynamic Modeling of Human Movement, presented by Stephen Piazza, PhD, #3: Research Applications for Foot and Ankle Imaging, presented by David Haynor, MD PhD, and #4: Finite Element Analysis in Foot Biomechanics and Footwear Design, presented by Ahmet Erdemir, PhD.

Tours gave participants the opportunity to visit the Nike Labs in Portland, OR, the Brooks Sports Biomechanics Labs in Bothell, WA, the CoRE Lab



Dr. Ton van den Bogert giving Keynote Lecture

(Cavanagh Team) on the 10th floor of the Health Sciences Building, and the VA Center of Excellence for Limb Loss Prevention and Prosthetic Engineering. Through very generous donations of the Gold Sponsors (Li-Ning, Nike, Novel, and RSscan) and Silver Sponsors (Kistler, AMTI, Small Bone Innovations, Lion Systems, and Tekscan), the meeting was able to host four outstanding keynote speakers and nine additional invited speakers. The keynote speakers included



Randy Ching calling attendees back to the meeting



Dr. Sangeorzan speaking at the iFab conference

Martinus Richter of Klinikum Coburg, Ton van den Bogert of the Cleveland Clinic, Benno Nigg of the University of Calgary, and Alberto Leardini of the Istituto Ortopedico Rizzoli.

The rich mixture of clinicians, scientists, and students provided a high-energy, collaborative, and learning environment over the course of the Congress. It concluded with a Friday night banquet complete with ferry ride to Blake Island, where attendees were greeted in the long-house of Tillicum Village with warm cups of steamed clams, and treated to an abundant buffet showcasing local cuisine as traditionally prepared in the Northwest Coast Indian style. Dinner guests were also treated to a special presentation on the history of the native culture.

Kerim Genc organized a team of 20 volunteers to help facilitate meeting activities and help the iFAB guests feel at home on the UW campus. This meeting was an exemplary display of the top performance and dedication to the International Foot and Ankle Community held by faculty in the UW Department of Orthopaedics and Sports Medicine. Congratulations to the organizers for a very successful meeting, and the recognition brought to our department and campus. For more information on the meeting or to view the program and abstracts, please visit the iFAB website at www.i-fab2010.org.



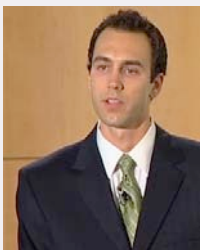
Bill Ledoux



iFab steamed clam welcome and concluding dinner at Tillicum Village

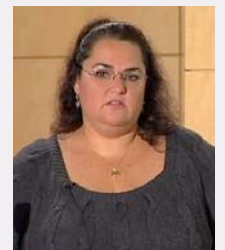


Orthopaedic Grand Rounds on UWTV



Orthopaedic Grand Rounds will air on UWTV Sunday, October 10 at 7:00 am; Tuesday, October 12 at 7:00 pm; Thursday, October 14 at 1:00 pm; and Thursday, October 14 at 11:00 pm.

The episode is entitled "Geriatric Hip Fractures, an interdisciplinary approach," and features Orthopaedic Attending Lisa Taitsman, M.D. MPH (pictured at right), R4 Grant Lohse, M.D. (pictured at left), and Drs. Itamar Abrass and Wayne McCullough of Gerontology and Geriatric Medicine.



Faculty & Staff News

Ted Wagner, M.D. Chosen to Head Global Outreach Committee



Clinical Professor Ted Wagner M.D., a long-standing member of the International Scoliosis Research Society (SRS), has been asked to chair their Global Outreach Committee. It's appropriate one of our surgeons will be running a committee with world-

wide outreach, as UW has the largest global medical department in the world.

Global Outreach Committee members are surgeons dedicated to providing care in underserved regions of the world to pediatric and adult patients. They treat any disorder affecting the shape, alignment, and function of the spine. Global Outreach surgeons often partner with local physicians and hospital units to foster the development of self-sufficient regional spine centers, which provide continuing care to patients with spinal deformities.

To date, the committee's mission has also included international exchanges through special grants, which have allowed local surgeons to attend SRS meetings in the United States and globally. Doctors who are awarded grants present papers, learn

about advances in the field, and join the fraternity of spinal surgeons.

Spine problems include spinal fractures, infections, and congenital deformities. They represent a significant percentage of Orthopaedic trauma, which is known to be the third leading cause of long-term medical disability and loss of functional productivity around the world. Five million people die annually from trauma -- about the number of deaths from HIV/AIDS, malaria, and tuberculosis combined. Very little care has been offered to this unfortunate group of patients.

Dr. Wagner is interested in work done by Dr. Lew Zirkle, who created SIGN (Surgical Implant Generation Network) in 1999. The SIGN project provides training, hardware, follow-up and repeat visits to Orthopaedic surgeons in developing countries. In these nations, 90% of global traumas occur, and fracture and trauma care is far less advanced due to a lack of health care funding. Working in Washington's Tri-Cities area, Dr. Zirkle has manufactured intramedullary nails that can be put in without x-ray control to treat fractures of the humerus, femur, and tibia. To date 68,000 nails have been inserted in 200 centers in five continents. Dr. Wagner believes a parallel effort could be done to create affordable spine instrumentation.

The Global Outreach Committee is also committed to working with FOCOS (Foundation of Orthopaedics and Complex Spine), a non-profit organization founded by Oheneba Boachie-Adjei M.D., which provides care to underserved African communities. The committee is asking FOCOS to help gather factual and observational research data on Third World medical treatments, surgeries, and post-operative complications. The goal is to establish a databank on all spinal patients that have been operated on or cared for in any way. Data collection has been one of the hardest tasks for surgeons, and its lack has forced them to be very unscientific in recording outcomes. The FOCOS data collection system is being used in West Africa and at Cornell Medical Center. Many other centers are adopting it and great clinical research should follow.

Dr. Wagner comments, "This is a lot of serious exciting business, and I expect the unexpected events that may unfold." He would like to see our department develop our Integrated Global Exchange Program for Residents and ACE/Fellows.

Thomas Schildhauer, M.D., selected as Chair of Surgery, Ruhr Universitaet



Thomas Schildhauer, M.D. (HMC Trauma ACE 1999-2000, Assistant Professor 2000-2001), has recently been selected as the Chair of the Department of Surgery at the Ruhr Universitaet in Bochum, Germany, whose main hospital is the world-renowned BG Klinik Bergmannsheil (*pictured below*). He is succeeding Prof. Dr. med Gerd Muhr, a legend of Orthopaedics and Trauma Surgery in Europe.

Most recently, Dr. Schildhauer was the Chairman of the Department of Trauma Surgery at the University of Graz in Austria. For those unfamiliar with the German-speaking world, the BG Klinik Bochum is located in the industrial heart of Northern Germany and is considered one of the top three European Trauma hospitals, playing a role similar to Harborview. Unlike Harborview, Bergmannsheil is directly funded by the German Workman's Compensation Board and serves as a tertiary referral hospital for Northern Germany.



Dr. Schildhauer has gained a well-deserved reputation as expert in trauma resuscitation, pelvic trauma surgery and immunologic changes following trauma. Please join us in congratulating Thomas on his well-deserved appointment, and wish him the best for a successful future in his new role!

Faculty & Staff News

Welcome Jason Wilcox, M.D.

Please join us in welcoming Jason Wilcox, M.D., to our Department faculty.



Dr. Wilcox grew up and went to high school in Cleveland, TN. He completed his undergraduate studies at University of Notre Dame, attended University of Tennessee medical school, and completed his Orthopaedic residency training at UW in 2009. Dr. Wilcox recently completed a Sports Fellowship at University of Utah.

We are looking forward to his contribution to the care of veterans with orthopaedic disorders. Dr. Wilcox will practice primarily at the VA, specializing in general orthopaedics with a focus on sports. He is also interested in resident education and developing a clinical research program to study sports and sports-related injuries in veterans.

He is married to Carrie Wilcox, and they have a 7-month-old son.

Congratulations to Payroll Coordinator **Sunyoung Baldoz**, who gave birth on September 13th to **Zachary Primo Baldoz** (7 pounds, 2 ounces). Sunyoung and proud papa **Brian** are thrilled!

Steve Bain, PhD, and **Ted Gross, PhD**, have been awarded NIH funding for their research project entitled "Neuronal Modulation of Focal Bone Homeostasis."



Congratulations to **Mark Freeborn M.D.** and family on the birth of baby Brooke September 21st! Mark is a double alum (Residency and Spine ACE).

(Above: Boden, Jayme, baby Brooke, and Mark)

Calina Garcia, our Montlake/HR Manager and co-editor of the Ortho eNews, is now a neighborhood blogger for the *Seattle P-I*! If you'd like to read about the Belltown neighborhood, go to: <http://blog.seattlepi.com/insidebelltown/>



Juan Pablo Guyot, M.D. and wife Dolores welcomed son Lucas into the world in September. Dr. Guyot, from Buenos Aires, was a 2010 AO Spine Fellow.

Andrea Hanson, Ph.D., was inducted into the 2010 Class of the Space Camp Hall of Fame! Ceremonies were held at the US Space and Rocket Center in Huntsville, AL August 19-20th. The all-astronaut band MaxQ performed, and many dignitaries attended and spoke (<http://www.spacecamp.com/hallof-fame>, <http://www.spacecamp.com/hof/>). Andrea's parents (Rick and Jo Hanson of Lake Park, MN) and husband (Mike Lewis) joined her for the festivities.

Andrea and Mike spent two weeks traveling around Norway this summer. They visited good friends, took in the beautiful countryside, explored the fjords of western and southern Norway, and enjoyed the mid-summer sun!

Brad Henley, M.D., as BOS (Board of Specialty Societies Chairman), is co-chairing the AAOS Fall Meeting in Scottsdale, AZ this month.

On August 27 **Jerry Huang M.D.** passed the ABOS Step 2 exam. This maintains the Department's 100% pass rate streak!



Research Scientist **Amy Cizik's** daughter, **Nora**, models a *Purlie* creation

Purlie, aka **Leslie Meyer**, Administrative Assistant to **Drs. Chansky, Leopold** and **Manner**, has been running a knitting group since 2009. At last count, there were over 225 members! Events are held the last Saturday of each month, and more events are being

added throughout the year. If you are interested in joining up with Purlie and her

crew, sign up today at www.meetup.com/Sit-n-Knit-Seattle/



Robert Winquist, M.D. (alum '75) and **Chip Routt, M.D.** at the 2010 HMC Trauma Summit

Milton "Chip" Routt, M.D. (above) was the Visiting Professor at Mt. Sinai Residency program's June graduation, lecturing on "Pelvic Ring Injury Perspectives". Events included scientific sessions, research papers, and case presentations.

Dr. Routt reports another excellent External Fixation teaching session was held August 20 at Harborview. Chief Residents and Trauma ACE's were the focus, with the participation of **Drs. Daphne Beingessner, David Barei** and **Robert Dunbar** of the HMC faculty. (Below: *The Toni-Pelkey team*)



Faculty & Staff News

On July 9th Professor and Vice-Chair **Bruce Sangeorzan, M.D.**, Chief of the



Orthopaedics service at Harborview Medical Center, was elected to a two-year term as Treasurer of the AOFAS (American Orthopaedic Foot & Ankle Society) Board.

For more information:

http://www.aofas.org/Scripts/4Disapi.dll/4DCGI/cms/review.html?Action=CMS_Document&DocID=318

Please welcome our newest Computer Support Group (CSG) team member **Nidhi Shah!**

Nidhi will be on the front line of CSG, providing technical support and assistance to end users. In addition, she'll play a critical role in developing and implementing our web site, in order to support the department's future information growth strategy.



Eight **Sports Medicine Clinic** employees have been competing in a 12-week "Biggest Loser" competition with weekly weigh-ins tracking weight loss, inches lost, and BMI. The competition concluded on September 20th.

Suzanne Slaney, PA-C has been named named Lead PA for the UW Orthopaedics Department. Suzanne also completed the Danskin Triathlon on August 15th!

D. Michael Strong, M.D., has been appointed Chair of a World Health Organization project for development of vigilance and surveillance systems for cells, organs and tissues for transplantation.

Dr. Strong is also Chair of the U.S. Biovigilance Steering Committee, a public/private partnership with the Department of Health and Human Services. He lectured on "The U.S. Biovigilance Network" at the annual joint meeting of the American Society of Clinical Laboratory Science and the American Association of Clinical Chemistry on July 30. Dr. Strong has also been invited to give the Distinguished Lecturer talk at the South Texas

Blood and Tissue Center in San Antonio in November.

Chris Wahl, M.D., was quoted in the August 24th New York Times about the groundbreaking Cushing Center, a brain tumor registry museum in New Haven, CT, on whose restoration he wrote his Yale Medical School thesis: http://www.nytimes.com/2010/08/24/health/24brain.html?_r=1&ref=science <http://www.nytimes.com/2010/08/24/health/24brain.html?_r=1&ref=science> For more details, see page 9 of the July issue (#2) of Orthopaedics & Sports Medicine eNews.

Bon Voyage!

Best of luck to Web Computing Specialist **Hongjun Wang**, who left the Department in late August to become Distance Learning Technology & STRIDE Database Specialist in the UW School of Dentistry.

Farewell to Hand PA's **Jordan Steed**, who left to pursue his professional career at Swedish Cherry Hill, and **Magee Saewert**, who is now at Virginia Mason.



Jerry Huang, M.D., Magee Saewert P.A., Dan Patzer P.A., Jordan Steed P.A., and Nilpesh Patel, M.D.

Welcome 2010-2011 Hand Fellows



Sam Ehsan, M.D. earned his Bachelor of Science from University of California, Irvine before graduating from UC-Irvine Medical School as Junior AOA, Graduation with Highest Distinction in 2005.



Eugene Farnig, M.D. earned his Bachelor of Science in Engineering from Duke University before graduating from the New York School of Medicine on a Rudin Scholarship in 2004.



Peter Kim, M.D. earned his Bachelor of Arts from Brown University before completing Brown Medical School in an Honors 8-year liberal arts and medical education program. He graduated in 2003.



Daniel Marek, M.D. graduated Summa Cum Laude with a Bachelor of Science from University of Minnesota's College of Biological Studies before completing his medical education at UM School of Medicine in 2005.

In Memoriam: Harry H. Kretzler, Jr., M.D.



Harry was born on May 16, 1925 to Edna and Harry Kretzler, Sr. of Edmonds, WA. He passed away on July 5, 2010 after a short illness. Harry graduated from Edmonds High School, and then the University of Washington after serving in the Navy. He went to graduate from University of Pennsylvania Medical School, and completed his orthopedic specialty training at University of Washington. He practiced Orthopedic Surgery for about 50 years, primarily at Northwest and Stevens Hospitals. He was a member of the American Academy of Orthopedic Surgeons and a founding member of the American Academy of Sports Medicine. Harry was an accomplished woodworker, enjoyed golf, skiing, and other sports, and was a Boy Scout leader for five years. In his later years, he and his wife traveled the world. He is survived by his wife of 57 years, Jean, his sons Mike (Judy), Jon (Virginia), and Tom (Karen), his daughter Barbara (Chuck Harwood), and eight grandchildren.

Faculty & Staff News

Welcome 2010-2011 ACE's



Mark McKenna, M.D.
(Shoulder & Elbow) graduated from UW Medical School and completed his residency at Geisinger Medical Center.



Anastasios "Tassos" Papadonikolakis, M.D.
(Shoulder & Elbow) graduated Greece's University of Ioannina School of Medicine in 1999 and completed residency at Wake Forest University in 2010.



Antoinette Lindberg, M.D.
(Pediatrics), a UW grad (Bachelors, Psychology), received her medical degree from Columbia University and completed residency at UCLA this year.



Neil Vining, M.D. (Pediatrics) graduated UNC-Chapel Hill (Highest Honors), did his residency at Madigan Army MC, then served as an Orthopaedic Surgeon in Pakistan and Afghanistan.



Jennifer Barr, M.D.
(Oncology) received her Medical Doctorate from Louisiana State University (Shreveport) in 2005, and this year completed residency at the University of Mississippi.

HMC ACE'S



Back Row: Jeremiah Maddox, M.D. (Spine) earned a bachelors in Biology at Samford University where he was a Senior Honoree and did his residency at the University of Birmingham; **Myles J. Luszczyk, DO** (Spine) was in the OITE 100th percentile. He earned his Bachelors in Kinesiology at the University of Western Ontario before completing his residency at Michigan State University;

Richard B. Barber, M.D. (Trauma) majored in Biology and received his M.D. at the University of Texas before moving on to Scott and White Memorial Hospital for his residency. He was a JOT Best Orthopaedic Teaching Resident nominee in 2008; **Monica Zilkoski, M.D.** (Foot and Ankle) was the PGY-3 Teacher of the Year in 2007 at the University of South Carolina. She was a RN in orthopaedics for five years before earning her M.D. from Oregon Health Sciences University; **Scott Holthusen, M.D.** (F&A) received the JOT Best Orthopaedic Teaching Resident while at the University of Minnesota after graduating from Concordia College with a major in Biology; **Mark Steeves, M.D.** (Trauma) did his residency at the University of Ottawa after completing a bachelors in Biology with a minor in Psychology and a bachelors in Education with honors; **Soren L. Olson, M.D.** after receiving a bachelors in Biomedical Engineering, came to the University of Washington for his M.D., an internship in General Surgery and a residency in Orthopaedics where he was nominated by faculty for the Service Excellence Award in 2007.

Front Row: Anuj Varshney, M.D. (Spine) completed his residency at Henry Ford Hospital after completing his M.D. at Northwestern University with honors; **Lorra M. Sharp, M.D.** (Trauma) received the JOT Best Orthopaedic Teaching Resident award in 2008. She earned a bachelors in Biology from UCSD and her M.D. from UCLA; **Anna N. Miller, M.D.** (Trauma) has been a HSS Resident Liaison to AAOS since 2008. She earned her bachelors in Biology before graduating from medical school at Baylor College; **Kelly L. Apostle, BSCH, M.D.** (F&A) graduated from the University of Western Ontario with honors in Zoology and Endocrinology and did her residency at the University of British Columbia; **John W. Munz, M.D.** (Trauma) graduated Magna Cum Laude from Texas A&M and completed medical school, an internship and residency at University of Texas.

Graduation Celebration for the 2009 -2010 ACE's



The 2009-2010 ACE's celebrated their graduation at the Columbia Tower Club on Friday, July 30th

L: Robert Dunbar M.D. with guest Andrea Tsiakilos

R: Graduating Trauma ACE's Don Glasgow M.D. and William Wood Cross M.D. with their spouses



Tech Talk

For the best Help Desk service place your IT request at;
<https://intranet.orthop.washington.edu/Support/Forms/Tickets.aspx>

John Eickerman, P.I.

Big thanks to computer tech John Eickerman for diligently tracking down the person who stole a laptop from Harborview Orthopaedics! After 3 weeks of tracking, John identified its location and the police got a full confession from the perpetrator.

Now available

UW Purchasing and UW Information Technology (UW-IT) have negotiated a new annual Microsoft Campus Agreement that covers most Microsoft desktop and server product licenses for UW departments on all three campuses, now through July 2011. These products are funded for this year by the Technology Recharge Fee and UW-IT, so there is no additional charge to departments.

The Department has also picked up Optional software under the 2010-2011 UW Microsoft Campus Agreement.

- Visio Premium 2010
- Project Professional 2010
- Visual Studio Professional 2010
- Expressions Studio 4 Ultimate

Tips & Tricks

UW-IT offers eight series of free computing workshops to UW students and employees:

<http://www.washington.edu/ist/workshops>

- Catalyst Web Tools - WebQ, CommonView, GoPost ...
- Computing Fundamentals - Basics, Security, Networking ...
- Digital Audio - The DAW, Protocols, Reason ...
- Digital Video - iMovie, AfterEffects, Premiere ...

- Web Publishing - Dreamweaver, PHP, Podcasting ...
- Databases and Spreadsheets - Access, Excel ...
- Document Creation - Word, InDesign, Endnote ...
- Graphics & Presentations - Photoshop, Illustrator, Power Point ...

New Services

Research File Server

Announcing a server providing over 20 TB of data storage! To create a share for your research data please put in a ticket to the computer support group. The server address is: \\OSM-file04.orthop.washington.edu

Objective: CSG is responsible for providing network file services for the storage of research data by Department faculty and staff. The file services include Shared Storage Space, Secure File Transfer Protocol (SFTP) and Data Backup/Archiving. The objective of this policy is to establish appropriate use of network file services for research related files and data. Please see <http://www.orthop.washington.edu/UserFiles/File/CSG%20Research%20File%20Server%20Usage%20Policy,%20Rev.%201.pdf>

Physician Quality Assurance Database Server

This FileMaker database server was created to move locally stored databases to a compliant server environment. DBA programming changes were outsourced to a consultant on this project.

Photo Gallery

Announcing a web based photo gallery to share pictures from conferences and other events of department interest. <http://media.orthop.washington.edu:8000/>

Please feel free to provide feedback, suggestions, request a group account, or add new albums. Email orthohlp@u.washington.edu

Recent FACULTY PUBLICATIONS

Peer Reviewed:

Allen DL., Greyback BJ., **Hanson AM**, Cleary AS, Lindsay SF. Skeletal Muscle Expression of Bone Morphogenetic Protein-1 and Tolloid-Like-1 Extracellular Proteases in Different Fiber Types and in Response to Unloading, Food Deprivation and Differentiation. J Physiol Sci Epub ahead of print July 2010

Bayomy AF, Aubin PM, **Sangeorzan BJ**, Ledoux WR. Arthrodesis of the first metatarsophalangeal joint: a robotic cadaver study of the dorsiflexion angle. J Bone Joint Surg Am 2010

Benirschke, SK. Invited Commentary. J Orthop Trauma 2010

Bransford R, Chapman JR, Bellabarba C. Primary Internal Fixation of Unilateral C1 Lateral Mass Sagittal Split Fractures: A Series of 3 Cases. J Spinal Disord Tech 2010

Evans JM, Gardner MJ, Brennan ML, Phillips CJ, **Henley MB, Dunbar RP**. Intramedullary fixation of fibular fractures associated with pilon fractures. J Orthop Trauma 2010

Genc KO, Gopalakrishnan R, Kuklis MM, Maender CC, **Rice AJ**, Bowersox KD, **Cavanagh PR**. Foot forces during exercise on the International Space Station. J Biomech. 2010 Aug 19. <<http://www.ncbi.nlm.nih.gov/pubmed/20728086>>

Recent FACULTY PUBLICATIONS

Guyot JP, Cizik AM, Bransford R, Bellabarba C, Lee MJ. Risk Factors for Cardiac Complications after Spine Surgery. Evidence-Based Spine-Care Journal. 2010 Aug; 1(2): 19 – 26

Imposti F., Cizik AM, Bransford R, Bellabarba C, Lee MJ. Risk Factors for Pulmonary Complications after Spine Surgery. Evidence-Based Spine-Care Journal. 2010 Aug; 1(2): 27 – 34

Irfan M. Asif IM, Harmon KG, Drezner JA, O’Kane JW. Cerebral Microhemorrhages in a Collegiate Football Player: Clinical Implications in the Management of Sports Concussion. Sports Health: A Multidisciplinary Approach. September 2010 2:391-394. <<http://sph.sagepub.com/content/current#PrimaryCare>>

Hanson AM, Stodieck LS, Cannon CM, Simske SJ, Ferguson VL. Seven Days of Muscle Re-loading and Voluntary Wheel Running Following Hindlimb Suspension in Mice Restores Running Performance, Muscle Morphology and Metrics of Fatigue but not Strength. J Muscle Res Cell Motil 31:141-153, 2010

Lee MJ, Bransford RJ, Bellabarba C, Chapman JR, Cohen AM, Harrington RM, Ching RP. The Effect of Bilateral Laminotomy Versus Laminectomy on the Motion and Stiffness of the Human Lumbar Spine: A Biomechanical Comparison. Spine 2010

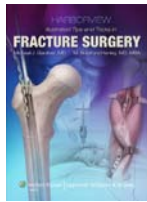
Strong DM. Development of a transplantation transmission sentinel network to improve safety and traceability of organs and tissues, Cell and Tissue Banking, Volume 11. Published online. <http://www.springerlink.com/content/p9p5777667146186/>

Strong DM. In vitro culture and differentiation of osteoblasts from human umbilical cord blood, Journal of Cell and Tissue Banking 11: 269-280, 2010

Trumble TE, Vedder NB, Seiler JG 3rd, Hanel DP, Diao E, Pettrone S. Zone-II flexor tendon repair: a randomized prospective trial of active place-and-hold therapy compared with passive motion therapy. J Bone Joint Surg Am 2010 *Peer Reviewed*:

van Middendorp JJ, Audigé L, Hanson B, Chapman JR, Hosman AJ. What should an ideal spinal injury classification system consist of? A methodological review and conceptual proposal for future classifications. Eur Spine J 2010

Yoo BJ, Beingessner DM, Barei DP. Stabilization of the posteromedial fragment in bicondylar tibial plateau fractures: a mechanical comparison of locking and nonlocking single and dual plating methods. J Trauma 2010



Books:

Gardner MJ, Henley MB, et al. Harborview Illustrated Tips and Tricks in Fracture Surgery. Philadelphia, PA : Lippincott Williams & Wilkins, 2010.

Book Chapters:

Greisberg J, Hansen ST Jr.: Tibial Osteotomy for Ankle Arthritis. In Coetzee JC and Hurwitz SR (eds.), Arthritis and Arthroplasty: The Foot and Ankle. Saunders Elsevier, 2010.

Greisberg J, Chen L, Hansen ST Jr.: The Challenging Total Ankle Arthroplasty: Management of Associated Foot Pathology. In Coetzee JC and Hurwitz SR (eds.), Arthritis and Arthroplasty: The Foot and Ankle. Saunders Elsevier, 2010.

Hansen ST Jr.: Adult Consequences of Pediatric Foot Disorders. In Drennan JC and McCarthy JJ (eds.), The Child’s Foot and Ankle. Walters Kluwer/Lippincott Williams & Wilkins, 2010.

Hansen ST Jr.: Associated Angulatory (Tibia and Fibula) Deformities. In Coetzee JC and Hurwitz SR (eds.), Arthritis and Arthroplasty: The Foot and Ankle. Saunders Elsevier, 2010.

Conference Abstracts:

Hanson AM, Gilkey KM, Weaver AS, Perusek GP, Thorndike DA, Kutnick G, Grodsinsky CM., Rice AJ, Cavanagh PR. “Gait Characteristics of Simulated Lunar Locomotion” (oral presentation by Peter R. Cavanagh, Ph.D.): American Society of Biomechanics 34th Annual Meeting (2010), Providence, RI