

April 2, 2012

Issue #9

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Message from the Chairman

Dear Friends and Colleagues of University of Washington Orthopaedics,

The first quarter of 2012 has brought a wide range of activities and accomplishments to our Department, and its Residents and Faculty. Allow me to highlight a number of these successes in this edition.

Clinically, we have continued a healthy growth pattern. Our two recent faculty recruits, Drs. Darin Davidson (Orthopaedic Oncology) and Michael Brage (Foot & Ankle Surgery) have rapidly established themselves as 'go-to' resources with mature expertise and engaging, high-quality care. Our entire Faculty, including Fellows and Residents, have embarked on making our Department a leader in the "Patients Are First" movement, providing quality patient contact and improving follow-through in key areas. We are very pleased to report that Patty O'Leary-Crutcher has been selected to serve as Director of Orthopaedics Sports & Spine, with wide-ranging, systems-oriented tasks to optimize access and care delivery processes throughout UW Medicine's growing reach.



L-R: Pat Maxwell, Clinic Manager (ESC);
Patty O'Leary-Crutcher, Director OS&S;
Jack Olsen, Head Nurse (HMC);
Claudia Happe, Clinic Manager (SMC)

Our superb faculty continues to provide first-rate Orthopaedic learning opportunities for specialists, allied professionals and the public, with a multitude of outstanding presentations in multiple settings. From our participation in February's AAOS meeting (see page 3), to a memorable 48th John LeCocq Lectureship with Dr. Stuart Weinstein (page 2), our Orthopaedic Grand Rounds and Spine Grand Rounds (the latter



Drs. Chris Standaert and Stan Herring
(HMC Sports and Spine Medicine); Dr. Balog,
Resident, & Major James Mok M.D., Chief of
Spine Surgery (Madigan Army Medical Center);
Dr. Jens Chapman

in conjunction with Neurosurgery and Rehab Med), to many presentations delivered through Dr. Sean Nork's Outreach Program, we continue to serve our field with pride and unparalleled content delivery. This includes engagements by Howard Chansky M.D. (Vice Chair Orthopaedics at UWMC and VA-Puget Sound, and Chief of Arthroplasty Services), who spoke on "Arthritis and How to Stay Mobile and Healthy Without Surgery" at Seattle's Mirabella Retirement Center to a full house during this winter's ice storm (photo, page 4)! I hope you will increasingly take advantage of our many educational offerings in person, or through our website-linked resources.

Perhaps the most important independent metric of our educational accomplishments is the amazing success of our Residents, who scored in the 97th percentile nationally for the 2011 Orthopaedic In-Service Training Examination (page 5). The persistent dedication of our residents, faculty, and GME staff has made this possible, and underscores our leadership role in Orthopaedic education.

We are always proud to attract the best and brightest new Residents. This year's match is no exception as an outstanding group joins UW Medicine in summer 2012! We are also adding an increasingly organized focus for our residents' curriculum with the UW Ortho-Resident Research Initiative, implemented by Vice Chair of Research Dr. Peter Cavanagh, with a formalized timeline, milestones, and faculty-funded initiatives. Please let me know if you are interested in supporting this furthering of Orthopaedic Science, which helps our residents do seri-

ous research without the common overheads of large professional societies!

We are tremendously proud of Dr. David Eyre, who received the Arthur Steindler Award – one of the two highest awards in Orthopaedic Research -- at this year's ORS meeting. This reflects Dr. Eyre's tremendous lifetime accomplishments in collagen research with eminent translational application potential.

At March's 10th Annual AO Spine North America Fellowship Forum, held in Alberta, our Spine ACEs finished 2nd and 3rd out of 26 North American programs and over 70 abstract submissions. Amit Patel M.D., with his study on Spinal Epidural Abscesses, and Noojan Kazemi M.D., with his work on Vascular Trauma in cranio-cervical injuries, were respectively 0.01 and 0.03 points behind the winning paper (on a scale of 0-100)!



Drs. Amit Patel & Noojan Kazemi

There is much happening in our Department. Please join the building excitement here, and take a look at our newly redesigned Departmental Website with its many new functionalities! Click here: <http://www.orthop.uw.edu/>.

- Jens R. Chapman, M.D.



Spotlight: 2012 LeCocq Lectureship featuring Dr. Stuart Weinstein



L to R: Dr. Ted Wagner, Resident Mark Miller, PA Tim Coglon, Visiting Professor Stuart Weinstein MD, PA's Dan Stamper and Jill Eggers-Knight; Residents Brian Gilmer, Greg Blaisdell, Emily Squyer, Adam Bakker, Nick Iannuzzi, Grant Lohse, Josh Lindsey, Andrew Merritt, Jennifer Hagen, Jacques Hacquebord, Nels Sampatacos, Laura Stoll, Ted Sousa, Nate Coleman, Amanda Roof, David Zeltser, Dan Holtzman, Paul Kim, Nick Wegner, Ken Gundle, Kyle Chun, Daniel Patton, Paige Mallette, Sid Baucom; unidentified, Visiting Spine Fellow Alfredo Sicoli, Dr. Jens Chapman



The 48th Annual John LeCocq Lecture, held January 26th and 27th at Harborview, will go into the annals as one of the most successful. This is in no small part due to the magnetic personality of esteemed Visiting Professor Dr. Stuart L. Weinstein, Chair of Orthopaedic Surgery and Pediatrics at the University of Iowa,

and former President of AAOS (*above left, with R4 Mark Miller MD*).

On Thursday January 26th, he presented his landmark studies on Hip Dysplasia, intermixed with resident case presentations and aided by local experts. The day's panels included Hip Dysplasia (*photo above right: Dr. Weinstein, Drs. Keith Mayo [Tacoma], Paul Manner [UWMC] and Klane White [SCH]*);



Pediatric Upper Extremity Trauma with Drs. Daphne Beingessner (HMC), Doug Hanel (HMC and SCH), and Walter Krengel (SCH); and Lower Extremity Dysplasia with Vince Mosca (SCH), Bruce Sangeorzan (HMC), and Klane White (SCH). This format provided lively discussions and enhanced audience participation. The Thursday night dinner, hosted by the Puget Sound chapter of the Western Orthopaedic Society (featuring Resident Alumnae Drs. Jim Crutcher '89 (*photo above right*) and Lyle Sorensen '93 (*photo right*)) was attended by a capacity crowd, who were treated to Dr. Weinstein's incredibly comprehensive overview of "Health Care Reform and Orthopaedic Surgery". The traditional Friday

morning lecture at Swedish Medical Center provided another educational treat: Dr. Weinstein's "Adolescent Scoliosis" gave us an unparalleled overview of the history of scoliosis care, with unique long-term follow-up and comprehensive outcomes data. He also shared previously unknown details on the connections of Dr. Steindler and Seattle with the audience.



No doubt, our 48th LeCocq lectureship was an outstanding success for all in attendance!

Upcoming Events



Jesse B. Jupiter, MD

2012 Residents' Research Day

Friday, May 4 (7 AM-4:30 PM)
6:45 AM annual group photo (in white coats)
Location: HMC, R&T Auditorium
Guest Lecturer: Jesse B. Jupiter, MD; Chief, Hand and Upper Extremity Service, Massachusetts General Hospital
All residents and faculty attend

2012 Miller Review Course

Tuesday-Sunday May 22-27
Location: Westminster, CO
All R5s attend and are away for the week

5th Annual Iris and Ted Wagner Lectureship

Wed., May 23 (begins with 6 PM reception)
Location: Swedish Orthopaedics Inst., 601 B'way
Guest Lecturer: David J. Rothman, PhD;
Professor, Columbia College & President, Institute on Medicine as a Profession
CME credit available. Contact CME@swedish.org, 206-386-2755, for further information

2012 Chief Residents' Banquet

Friday, June 22 (6 PM-10:30 PM)
Location: Columbia Tower Club
Residents, faculty, alumni, and guests attend

2012 Orthopaedic Workshop (boot camp)

Wed.- Friday, June 27- 29 (8 AM-5 PM)
Location: Washington Club on UW campus and HMC, NJB, ISIS Lab
All 2012-13 R2s attend (faculty and residents give scheduled presentations)

2012 Trauma Summit

Thursday, July 26 (afternoon only); Friday & Saturday July 27-28 (8 AM-5 PM)
Location: HMC, R&T Auditorium and HMC, NJB, ISIS Lab
Course Chair: M.L. Chip Routt Jr., MD
All residents encouraged to attend

2012 Spine Course

Saturday, September 8 (8 AM-5 PM)
Location: HMC, R&T Auditorium
Contact Connie Robertson at cfunkak@uw.edu for additional info.
All residents welcome to attend

2012 ABC Arthroscopy Course

Sun.- Fri., Sept. 16-21 (8 AM-5 PM)
Location: Tracy, CA
All R3s & R4s attend and are away for the week with Dr. Warne and other faculty

For more information, please visit:
www.orthop.washington.edu

Department News

Roosevelt Open House Celebrates Bone & Joint Center Remodeling!



On January 10th, UWMC hosted an open house to celebrate the renovation of Bone & Joint Surgery Center and other 2nd-floor specialty clinics.

*Photos above: **Top L**, Stephen Zieniewicz, UWMC Executive Director, and other distinguished guests cut the ribbon. **Bottom L**, the ribbon stretches across BJC check-in. **Center**, Dr. Norman J. Beauchamp, Chair of Radiology; Dr. William P. Shuman, Director of Radiology, Dr. Howard A. Chansky, Vice-Chair of Orthopaedics; Dr. Jens R. Chapman, Chair of Orthopaedics and Sports Medicine; Dr. Nelson Hager, Chief, Bone & Joint Center; Dr. Peter C. Esselman, Chair of Rehabilitation Medicine; Dr. Stanley A. Herring, Director of Sports, Spine and Orthopaedic Health and Co-Medical Director, Seattle Sports Concussion Program; Stephen Zieniewicz. **Top R**, Physical Therapist Sarah Jackins and Dr. Thomas O. Staiger, UWMC Medical Director. **Bottom R**, hallway display featuring signed jerseys of former Huskies including football star Jake Locker (#10). [Photos: Coleen Sablan]*

AAOS and ORS Annual Meetings 2012



*(Left) L to R: Drs. Matsen, Chamberlain, Howe, Arntz, Barrett, Kirk
(Right) L to R: Drs. Adkison, Krengel, Clark*

This year's American Academy of Orthopaedic Surgeons and Orthopaedic Research Society meetings were held February 7-12 in San Francisco. Twenty-six of our department MD's attended, including current Faculty and Resident and Fellowship alumni.

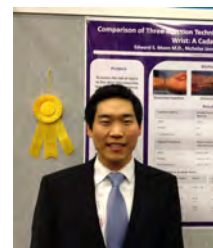
We are very proud of our own Dr. David Eyre, who was awarded the Arthur Steindler Award, one of the highest distinctions in Orthopaedics, at ORS. Our faculty's expertise was evident as they participated in seventeen instructional courses or symposia, plus six podium and three poster presentations. Their impactful podium presentations included emphasis on our dedication to pioneering Outcomes Assessment and enhanced patient safety measures. We fully expect the following contributions to influence future paradigms in everyday Orthopaedic care:

J Davies, S Joshi, DJJ Pavlin, SS Leopold: Anxiety Predicts Postoperative Pain Levels and Analgesic Use in Men but Not in Women after Total Knee Arthroplasty. Paper 267

BB Gilmer, B Comstock, JL Jette, WJ Warne, S Jackins, FA Matsen: The Prognosis for Improvement in Comfort and Function After the Ream and Run Arthroplasty for Gelnohumeral Arthritis. Paper 321

SV Nortwick, JS Barr, SL Baucom, EU Conrad: Hip Arthroplasty in Adolescents: Functional Outcomes and Risk of Revision Surgery. Paper 370

GR Lohse, SS Leopold, AM Cizik, SM Theiler, C Sayre, MJ Lee: Systems-Based Safety Intervention: Reducing Falls with Injury and Total Falls on an Orthopaedic Ward. Paper 381



We were also very proud to have a prizewinner among our presenters! 2011 Resident Alumnus Ed Moon M.D. (pictured at left) received the Best Upper Extremity Poster Award for:

E Moon, N Iannuzzi, DP Hanel: Comparison of Three Injection Techniques for Ulnar Nerve Blocks at the Wrist: A Cadaveric Study. Poster 231

On the social side, our Combined Alumni Event (held with the Washington State Orthopaedic Association) on February 10th was a tremendous success. Lyle Sorensen M.D., in his dual role of Chair of WSOA and Chair of our Friends of Orthopaedics Alumni group, deserves our gratitude for his creation of a wonderful focal point to gather our state Orthopaedic surgeons at AAOS. Our 4th-year residents and presenters mingled with many alumni and private-practice surgeons from the Pacific Northwest. From residents with Hawaiian ties, to colleagues with similar subspecialties, the Alumni Event party provided a fantastic chance to connect. Many thanks to our friends and colleagues of the WSOA and their generous support of our educational efforts!

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

Department News

Dr. Steve Richards Gives 2012 Lynn Staheli Lecture



Foreground: Dr. Steven Richards;
Background: Dr. Chappie Conrad

The 2012 Lynn Staheli Lecturer was Dr. Steven Richards from the well-known Texas Scottish Rite Hospital in Dallas, site of Pediatric Orthopaedic training for many current UW Faculty. The two-day lectureship provides our Orthopaedic residents up-close interaction on the first day with eminent Pediatric lecturers. The second day, all Seattle Childrens Hospital providers engaged in Orthopaedics offer an all-day educational program.



From L, Drs. Lynn Staheli, Vincent Mosca, Steven Richards, Suzanne Steinman, Mark Dales, Wally Kregel, and Michael Goldberg

Education Highlights

Grand Rounds at UW Orthopaedics:



At February Grand Rounds, Dr. Brian Gilmer, PGY-4 (*photo left*), presented on ACL Graft Selection. March's Grand Rounds was a co-production by our Hand & Upper Extremity, and Fracture & Traumatology services. Dr. Emily Squyer (OGY-4) collaborated with Drs. Jerry Huang (UWMC) and Daphne Beingessner (HMC) on "Complex Distal Humerus Fractures" (more information on p. 5).

AO North America:

Fracture care across specialties, Orlando 2012: Dr. Rick Bransford delivered four scientific papers. *At right: Drs. Geoff Richards (Director of ARI, Davos, Switzerland), Peter Cole (Vice Chair Orthopaedics, University of Minnesota & '98 Trauma ACE alum), Jack Wilber (Case Western University, Cleveland & '85 Trauma ACE alum), and Dr. Bransford.*



Reaching Out: Dr. Howard Chansky spoke to a packed house at the Mirabella Complex in downtown Seattle on staying healthy despite arthritis by remaining active.



Orthopaedic History Society: The debut meeting of this new society was held in March at Dr. Sigvard T. Hansen's home. There was great interest and attendees from each year in our current Residency program. The evolution of intramedullary nailing from Kuntzsch forward was discussed. The resident-led presentation was followed by input from Dr. Hansen about his experience. There is enthusiasm for continuing meetings on a monthly/bimonthly basis! Attending were Residents Greg Blaisdell, David Patterson, Emily Squyer, Jennifer Hagen, Nick Wegner, Nick Iannuzzi, Tim Alton, Jessica Telleria & Todd Blumberg.



Daphne Beingessner M.D. lectures at the
AO - Trauma Las Vegas Resident Course

Spine Grand Rounds at UW is a successful interdisciplinary program in collaboration with Neurosurgery, Rehabilitation Medicine, Neuroradiology, Neurology and other specialties. Under the direction of Spine Educational Director, Dr. Rick Bransford, we continue to feature nationally renowned speakers.



Dr. Eugene Carragee, Stanford (*in discussion with Drs. Stan Herring, Director of UW Medicine's Spine Center, and Jerry Jarvik of Neuroradiology*) spoke on BMP controversies during March Spine Grand Rounds.

Spine Grand Rounds also featured, on March 21st, renowned Spine surgeon Dr. Alan Hilibrand (*right, in sweater*), from Thomas Jefferson's Rothman Institute, on Cervical Spondylotic Myelopathy."



Education Highlights



SpineSkills Lab: This new lab is directed by Dr. Wally Krenzel and is a two-day resident focused training session, featuring cadaveric work stations, and state-of-the-art instrumentation and guidance systems covering the entire spine. Faculty included

Drs. Mark Dales (SCH), Mark Freeborn (Evergreen Orthopaedics), Mike Lee (UWMC), Ash Patel (Overlake Proliance), Ted Wagner (UWMC) and others. We thank Aaron Merhoff and Stryker Spine for their unrestricted educational grant.



Residents' OITE Results: The Orthopaedic In Training Examination (OITE) is an annual standardized test. Its results reflect our residents' commitment to their education, and their desire to be life-long learners. The 2011 results serve as affirmation to the quality and character of our residents, and Residency Program as a whole.

2011 OITE Percentile Rank Compared to Other Training Programs (by Residency Year):

PGY1: 89%
PGY2: 92%
PGY3: 98%
PGY4: 91%
PGY5: 89%

Overall Percentile of Program: 97%

Congratulations to our residents for a job well done!



Liz Dailey Instructs at Ruth Jackson Society Workshop: Fourth-year resident Liz Dailey MD was an honored Instructor at this year's Ruth Jackson Orthopaedic Society Meeting and Medical Student Workshop. The RJOS is a terrific non-profit organization which offers great opportunities for medical students, residents, and practicing Orthopaedic surgeons. Its annual meeting took place at the AAOS Conference in San Francisco this February 7-12th.

The RJOS is named for Ruth Jackson, MD, the first board-certified female orthopaedic surgeon. She was known for patient advocacy and championing Orthopaedic education, particularly in Dallas where she practiced. The Society was formed in 1983 -- when she was still alive -- to honor her already-strong legacy, and

to pool resources to support the growing number of female Orthopaedic surgeons. It originally had 60 members and has grown to more than 600.

For residents and medical students, it provides an excellent opportunity to find mentors and obtain grants for leadership training or scientific endeavors. The annual breakfast meeting occurs during AAOS, and includes a Medical Student Workshop the same day. Dr. Dailey reports she not only felt privileged to be chosen as a 2012 Instructor, but also to have the chance to meet aspiring minority and female Orthopaedic physicians.

The workshop included a lecture for medical students on basic fractures, followed by a casting workshop, and a basic sawbones fracture model. The students' questions reflected an appreciation for the importance of surgical decision-making and fracture care, as well as the biomechanics involved. Hopefully, with the continued efforts of the RJOS, supported by practicing Orthopaedic M.D.'s, we can continue to attract the best and brightest medical students -- male and female alike -- to our specialty.

Orthopaedics & Sports Medicine Grand Rounds

Wednesday, April 4th: Dave Barei, MD, Benjamin Starnes MD, and R4 Kyle Chun MD on Compartment Syndromes with special commentaries by Drs. Sigvard T. Hansen and Frederick A. Matsen, III.

Wednesday, May 2nd: Special Grand Rounds: Update on METRC (Major Extremity Trauma Research Consortium) Orthopaedic Studies. Professor Ellen MacKenzie PhD (Chair, Health Policy & Management, Johns Hopkins) and Michael Bosse MD (Director, Orthopaedic Clinical Research, Carolinas Medical Center; Chair, METRC Consortium).

Wednesday, June 6th: Darin Davidson MD, Mike Lee MD, and R4 Liz Dailey MD on Outcomes Systems in Orthopaedic Care.

GRAND ROUNDS BROADCASTS ON UWTV

UWTV Broadcast Times: Sundays 5:00 a.m., Mondays 7:00 a.m., Thursdays 6:00 a.m.

At the January 4th Grand Rounds, Drs. Ernest Conrad, Darin Davidson, and R5 Josh Lindsey presented "Controversies in Management of Metastatic Disease": View it at UWTV's website: <http://www.uwtv.org/video/player.aspx?mediaid=2197955032>

March 7th saw a Grand Rounds Minisymposium on "Complex distal humerus fractures" from Drs. Emily Squyer, Daphne Beingessner, and Jerry Huang, hosted by Dr. Doug Hanel -- an Instructional Course quality presentation with valuable insights and recommendations. Our speakers gave a flawless presentation! Please visit our Website at <https://depts.washington.edu/orthodev/drupal/> for links to the Grand Rounds series!

Faculty & Staff News

Daphne Beingessner MD is featured in a **UW Medicine video on John Chou**, who survived a very serious motorcycle accident thanks to the HMC medical team. John's mother Barbara Chou says "at any other hospital he probably would not have made it." Dr. Beingessner calls him "one of my miracle patients."



Michael Brage MD and **R2 Amanda Roof MD** played late last summer for "Chix and Stix," a Seattle Parks & Rec slow-pitch softball team!

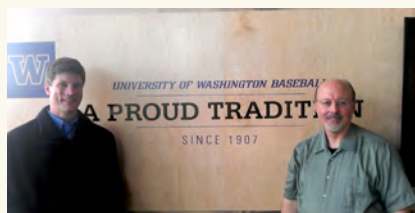
Dr. Brage organized the squad, which includes Orthopaedic residents, HMC equipment/surgical reps, Radiology techs, and friends. C&S took 1st place out of four teams! (Above, a post-game tailgate celebration: L-R: Krista Colburn, Nick Mays, Dr. Brage, John Billow, Courtney Miller, Amanda, Sandy Campbell. Front: Stacie Pelkey.)

This spring, a reunited C&S took their opening game 23-6 behind Player of the Week **Greg Blaisdell MD's**



homer and several RBI's! (Post-game photo above includes Drs. Michael Brage [second from L], plus residents Nate Coleman [red jacket], Amanda Roof [front row, center], and Greg [back row, Boston cap].)

On March 6th, **Doug Hanel, MD** and **Peter C. Neligan, MB** led the UW Medicine Mini-Med School discussion "Miraculous Surgeries - From the Microscopic to the Massive." They spoke on the best reconstructive and plastic surgery in the Pacific Northwest, discussed procedures for birth defects, trauma, tumors and other maladies, as well as how such delicate surgeries effect patient functioning and quality of life.



Warren Johnson (L) at UW's new Baseball Team Building with Orthopaedic Receptionist & Baseball P.A. Announcer Bill Abelson (R)

Faculty Affairs Manager **Maureen Johnson's** husband **Warren** handled business development of the lavish new Wayne Gittinger Baseball Team Building at Husky Ballpark! Warren is co-owner and Vice President of Bayley Construction, which built the facility. It features a plush clubhouse, coaches' offices,

training room, and second-floor Hospitality Rooms with a great view of the field. Wayne attended a packed dedication ceremony March 6th. Looking to the future, Warren will also develop construction of Husky Ballpark's permanent grandstands and concession areas!



Brad Henley MD celebrated his birthday on February 28th with fellow Harborview OR staff (photo at left).

Our Orthopaedic faculty turned up strong at **Dr. Jerry Jurkovich's** "Goodbye Send-Off" February 13th at the historic Roanoke Tavern on Mercer Island! Dr. Jurkovich was Chief of Trauma and Director of ER Surgical Services at Harborview Medical Center, and Associate Director of the Harborview Injury Prevention and Research Center.

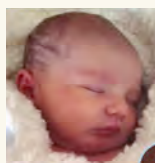


L to R: Drs. Bruce Sangeorzan, Chip Routt, Lisa Taitzman, Robert Dunbar, Brad Henley, Jerry Jurkovich, Steven Benirschke

Trauma ACE **Thomas Large MD's** presentation on wound therapy at last October's OTA (Orthopaedic Trauma Association) Annual Meeting in San Antonio, TX, was an immediate success! It was selected as a "Highlight Paper" for fast-tracked publication in the Journal of Orthopaedic Trauma. Its title is "Effect of negative pressure wound therapy on the elution of antibiotics from polymethyl-methacrylate beads in porcine simulated open femur fracture model."

Also, Dr. Large spoke on "Wartime Orthopaedic Surgical Principles in Civilian Trauma Care" at the University of Notre Dame's 12th Annual Trauma Symposium on March 17th.

Congratulations to **Patty O'Leary-Crutchner** on her promotion to Director of Orthopaedics, Sports and Spine! Patty has previously served as our Director of MS&S (Musculoskeletal Sports & Spine) as well as Practice Manager of the Spine Center, Neurosurgery, and Concussion Clinics.



Our Hand Service PA, **Dan Patzer**, and his wife Magee (a former department PA) welcomed Logan Thomas into the world February 4th! Logan's birth measurements were 9 lbs., 6 oz. & 19-3/4 inches.



Ismail Hadis-oebroto Dilogo MD was a visiting surgeon this winter from Indonesia. (L: Dr. Dilogo with host Milton "Chip" Routt MD of Harborview Traumatology.)

Our Roosevelt II office staff celebrated the Christmas Holidays with a luncheon December 21st at BluWater Bistro at Green Lake! At right, Program Coordinator **Amanda Schwanz's** baby girl **Adeline** was quite taken with Program Ops Manager **Tom Zorich's** head! (L to R: Ken Karbowski, Adeline, Tom, Tina Marie Valdez. Amanda's at Lower L, facing away from the camera)



Welcome to new Montlake Student Assistant **Sarah Timmons!** Sarah, a UW senior majoring in Medical Anthropology and Global Health (with Departmental Honors), was previously a Student Coordinator for UW Housing and Food Services, and worked at Nordstrom's in San Diego! She plans to be with us through the summer months.

Nick Vedder M.D. spoke at length on the recovery of a 7-year-old patient in the UW Medicine video "**Back in the Saddle: Lily James' Story.**" Both Dr. Vedder and **Dr. Robert Dunbar** assisted in Lily's miraculous recovery from a near-tragic boating accident. Lily herself reports "They made me better than new."

Winston J. Warme M.D. was featured on Page 1 of Orthopaedics Today's February 2012 issue (Vol. 32, No. 2). OT featured Dr. Warme in its "4 Questions" segment, in which he was interviewed about the diagnostic approaches and treatment options for impingement syndrome. Link: <http://www.orthosupersite.com/view.aspx?rid=92267>

Hearty congratulations to two Montlake staff members who reached milestone Department anniversaries in March! Program Operations Specialist **Fred Westerberg** has now been with us for fifteen years, and Research Scientist **Lammy Kim** for five!

Women's Sports Medicine & Lifetime Fitness is hosting the 3rd annual Mother's Day 5k Fun Run/Walk on Sunday, May 13th at 9 a.m. at Seward Park. People are encouraged to bring their families to support moms at this event. Registration is encouraged! Visit <http://www.womenssportsmedicine.org/>.

In Memorium

James Tupper, M.D.



James Warren Tupper was born in Montana in 1928, and died in Seattle on December 27th, 2011, of indirect complications from aortic valve surgery. He is survived by his wife Sylvia, his three daughters Kari, Chris, and Kathy, and his son Brad.

Jim completed his undergraduate training at the University of Washington, and medical school training at the University of Pennsylvania. He returned to UW for Orthopaedic residency and graduated in 1959. While working at Orthopedic Children's Hospital, he was assigned to the Spine Clinic. As a result, he and Dr. Marr Mullen invited themselves to Texas to learn spine surgery from Dr. Paul Harrington. After a one-week course, they returned as scoliosis physicians, and became founding members of the Scoliosis Research Society. Jim remained active in the organization until recent years. His very active years of spine care were done at Swedish Hospital and Seattle Children's Hospital. Subsequently he was joined by Dr. Ed Laurnen, Dr. Donald Gunn and Dr. Ted Wagner to manage pediatric spinal deformities. He remained, always, well-respected and much beloved.



Outside of the clinics and hospital, Jim was very busy with his family; skiing, gardening, felling trees and wood-working. He crafted some beautiful furniture. Always busy, he survived multiple Orthopedic surgeries as the result of activity-related injuries. He remained very proud of the UW and his medical peers.

*- Theodore Wagner, M.D.
Clinical Professor*

Robert Carr, M.D.



James Bradley Carr, 57, of Roanoke, VA, a beloved father, dedicated husband, and world-renowned Orthopaedic surgeon, died December 31st. Jim was born on October 13, 1954 in Evanston, IL. He attended Colorado State University for undergraduate studies, and graduated first in his **medical school class at Northwestern University**. He then completed residency in Orthopaedic Surgery at Northwestern, followed by one of the top-ranked Fellowships in Orthopaedic Traumatology in the country here at the University of Washington in 1985-86. He was a member of the American Medical Association, AO Foundation, Orthopaedic Trauma Association, American Academy of Orthopedic Surgeons, and American Orthopedic Association. He taught and educated medical students, interns, residents and fellows at the University of Missouri, Medical College of Virginia, and University of South Carolina. He contributed to the Orthopaedic Surgery field through numerous research projects, published papers, and textbook chapters. Dr. Carr was recognized as one of the world's leading experts in Orthopaedic Surgery and Traumatology, and taught at meetings throughout the world. In 2007, Dr. Carr became a well-loved and respected member of the Lewis-Gale Department of Orthopaedic Surgery in Salem, VA. While Dr. Carr was awarded numerous honors, and was listed in Best Doctors in America since its inception, he is also remembered as a Little League baseball coach, Boy Scout troop leader, high school football team doctor, active church member... and most

importantly a loving husband and father who attended every possible one of his children's horseback riding lessons, baseball and soccer games, track meets, and cheerleading events. He unconditionally loved and provided for his wife Bonnie, children Brittany, Beamer, and Brooke, and father-in-law Nicholas Musashe. Jim was a humble, selfless man, who served his family, friends, and community with his whole heart. He will be greatly missed by his family and all who knew him.

Faculty & Staff Publications

Publications:

- Aliprantis AO, Stolina M, Kostenuik PJ, **Poliachik SL**, Warner SE, **Bain SD**, **Gross TS**. Transient muscle paralysis degrades bone via rapid osteoclastogenesis. *FASEB J*. 2012 Mar;26(3):1110-8. Epub 2011 Nov 28.
- Apostle KL**, **Sangeorzan BJ**. Anatomy of the varus foot and ankle. *Foot Ankle Clin*. 2012 Mar;17(1):1-11. Epub 2011 Nov 29.
- Ausk BJ**, **Huber P**, **Poliachik SL**, **Bain SD**, **Srinivasan S**, **Gross TS**. Cortical bone resorption following muscle paralysis is spatially heterogeneous. *Bone*. 2012 Jan;50(1):14-22. Epub 2011 Sep 5.
- Baker GA, **Cizik AM**, **Bransford RJ**, **Bellabarba C**, **Konodi MA**, **Chapman JR**, **Lee MJ**. Risk factors for unintended durotomy during spine surgery: a multivariate analysis. *Spine J*. 2012 Feb 18. [Epub ahead of print]
- Benirschke SK**, Rush SM, Reddix RN Jr, Zwipp H, Carpenter B, Schuberth JM. Locking plates. *Foot Ankle Spec*. 2012 Feb;5(1):54-9. Epub 2012 Jan 20.
- Bransford RJ**, **Freeborn MA**, **Russo AJ**, **Nguyen QT**, **Lee MJ**, **Chapman JR**, **Bellabarba C**. Accuracy and complications associated with posterior C1 screw fixation techniques: a radiographic and clinical assessment. *Spine J*. 2012 Mar 2. [Epub ahead of print]
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Faculty & Staff Publications

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Streubel PN, Glasgow D, Wong A, **Barei DP**, Ricci WM, **Gardner MJ.** Sagittal plane deformity in bicondylar tibial plateau fractures. J Orthop Trauma. 2011 Sep;25(9):560-5.

Warne WJ. "Impingement Syndrome: Diagnostic Approaches Have Increased Accuracy and Treatment Options," Interview with Dr. Warne, Orthopaedics Today, Feb. 2012, Vol. 32 No. 2, p. 70. <http://www.orthosupersite.com/view.aspx?rid=92267>.

Presentations:

Bellabarba C. Lecturer: "Symptomatic degenerative disc disease: Indications and evidence for surgical treatment, and complication avoidance," "Revision surgery for kyphotic deformity in the aging spine: Fixation strategies and complication avoidance," "Posterior cervical surgical skills cadaver lab," "Anterior cervical surgical skills cadaver lab," "Percutaneous pedicle screws, MIS discectomy, MIS TLIF cadaver lab," "X-Stop, lateral transposas approaches (XLIF/DLIF/GLIF), lateral fixation techniques (facet and pedicle screws) cadaver lab," "Open lumbar laminectomy and instrumentation cadaver lab," and "ALIF, anterior reconstruction, and TDR cadaver lab." AAOS Spine Surgery: State-of-the-Art Techniques and Science #3471, September 22-24, 2011.

Bellabarba C. Lecturer: "Occipitocervical trauma," and "High grade isthmic spondylolisthesis." AOSpine Principles and Treatment of Spinal Disorders for Residents and Fellows. Toronto ON, Canada. October 28-29, 2011.

Bellabarba C. Guest Speaker: "Occipitocervical fixation: Tips and tricks to avoid complications," "Bilateral cervical facet dislocation: Open reduction and posterior fixation," "Cervicothoracic fractures," "Complex sacral fractures," and "Correction of fixed sagittal plane deformities." AOSpine Latin America Symposium: Complicaciones y Controversias. Bogotá, Colombia. November 19-20, 2011.

Bellabarba C. Lecturer: "C1-C2 Instability – diagnosis and treatment," "Post-traumatic cervical kyphosis – circumferential approach," "Post-traumatic cervicothoracic kyphosis – circumferential approach," "Central cord syndrome – current perspectives," and "Lumbar pseudarthrosis – revision surgery through posterior approach." AOSpine International Symposium: Solutions for Complex and Controversial Cases. Beijing, China. December 1, 2011.

Bellabarba C. Keynote & Guest Speaker: "Current perspectives on occipitocervical trauma." 6th International Congress of the Chinese Orthopaedic Association. Beijing, China, December 2, 2011.

Bellabarba C. Visiting Professor: "Occipitocervical dissociation: What have we learned in 15 years?" and "Sacral fractures with spino-pelvic dissociation. Current perspectives on evaluation and treatment." Annual Dan Benson Visiting Professorship. University of California-Davis. Sacramento, CA, December 6, 2011.

Bellabarba C. Lecturer: "Corrective procedures in cervical ankylosing spondylitis," and "Advanced posterior spinal resection and reconstruction techniques." AOSpine Advances in Spine Deformity and Tumor Course, Davos, Switzerland. December 12-15, 2011.

Bellabarba C. Lecturer: "Modern approaches to thoracolumbar spine injury classification" AOSpine Advances in Spine Trauma Course, Davos, Switzerland. December 12-15, 2011.

Bransford RJ. Lecturer: "Reducing Adjacent Segment Deterioration in Degenerative Scoliosis," and "Can staging reduce complications associated with major spine surgery?" 10th Annual Harborview Medical Center Spine Symposium: Enhancing Patient Safety in Spine Surgery. Seattle, WA, October 1, 2011.

Bransford RJ. Chairman: OTA Trauma Course for Residents (Spine Section). San Antonio, TX, October 12 – 15, 2011.

Chapman JR. Moderator: "Cervical spine disorders and reconstruction." 26th Annual Meeting of the North American Spine Society. Chicago, IL, Nov. 4, 2011.

Chapman JR. Lecturer: "Lumbo-sacral injuries," "Odontoid peg fractures in the elderly," and "Occipital condyle fractures, occipito cervical dislocation." AOSpine Masters Symposium – Spinal trauma. Prague, Czech Republic, November 14, 2011.

Gross TS, Gardiner EM, Worton LE, Bain SD (2012). Transient muscle paralysis stimulates an enhanced anabolic response to mechanical loading, Trans 57th Orthopaedic Res Soc, 175.

Hanel DP. Co-Chairman: 2nd Annual Summit in Seattle Hand and Upper Extremity Trauma. Seattle, WA, July 28 -30, 2011.

Hanel DP. Lecturer: "Distal fractures: What cannot be fixed with a volar plate?" "Practical approach to ulnar sided wrist pain – the ulnar-styloid fractures should be fixed," and "Hot topics in shoulder and elbow surgery." ASSH 66th Annual Meeting. Las Vegas, NV, September 7 - 10, 2011.

Hanel DP. Lecturer: "Internal/external fixators and nails." Lecture/Case Discussions/Questions: "High energy trauma." Cadaveric Demonstration: "ORIF scaphoid." The Wrist Injury Course. Maui, HI, October 28 -30, 2011.

Hanel DP. Lecturer: "Complex elbow injuries: new techniques for operative management and avoiding complications," and "What cannot be fixed with a volar plate?" AAOS Annual Meeting. San Francisco, CA, February 8, 2012.

Henley MB. Faculty/Instructor: "Integrating guidelines/AUC into daily practice," and "Future directions of Orthopaedic Quality Institute." Orthopaedic Quality Institute meeting. Washington, DC; October 5-7, 2011.

Faculty & Staff Publications

Presentations (continued):

Henley MB. Faculty/Instructor: “The role of the BOS and specialty societies”. LFP Fall Meeting. Seattle, WA; October 27, 2011.

Henley MB. Co-Chair. Faculty/Instructor: “Complex trauma of the proximal femur with deficient lateral wall: treatment and outcome,” “Management of peri-prosthetic fractures of the femur,” “Tibial nailing: Technical pearls: When to rod, when to plate,” and “How to improve your fracture billing: Ethical & practical coding & billing strategies.” Thought Leaders in Orthopaedic Trauma. San Francisco, CA, December 3, 2011.

Henley MB. Faculty/Instructor: “Coding for trauma & fracture care,” and “Are we operating on fractures that don’t need surgery?” Orthopaedic Trauma & Fracture Care: Pushing The Envelope. La Jolla, CA, January 14-15, 2012.

Henley MB. Moderator: “Diagnostic coding tips and ICD training, get ready now.” Faculty/Instructor: “HWB AAOS outcomes – ICD10 talk Special Interest Group (OSIG),” “Coding & Reimbursement Update 2012.” Case Presentation: “Complex Fractures Around the Knee – Panel Discussion.” American Association of Orthopaedic Surgeons Annual Meeting. San Francisco, CA, February 8-10, 2012.

Krieg JC. Lecturer: “Distal femur fractures,” and “Femoral shaft fractures.” OTA Comprehensive Fracture Course for Residents. San Antonio, Oct.12-15, 2011.

Krieg JC. Presenter: “Relevant anatomy in antegrade humeral nailing.” OTA Annual Meeting. San Antonio, TX, October 12 – 15, 2011.

Krieg JC. Lecturer: “Challenging Hip Fractures: when the fracture table doesn’t work,” and “Pelvic Ring Injuries: surgical management of instability.” OTA Annual Meeting Symposium. San Antonio, TX, October 14, 2011.

Kwon RY, Worton LE, Srinivasan S, Gross TS. (2012). Differential expression of transcriptional clusters and recurring ER1/2 activation in bone cells subjected to rest-inserted dynamic fluid flow, Trans 57th 2012 Orthopaedic Research Society Meeting, 44.

Routt ML. Lecturer: “Radiographic evaluation and classification of pelvic ring disruptions.” Moderator: “Pelvic fracture/spanning external fixation – femur.” AO Basic Principles and Techniques of Operative Fracture Management. Las Vegas, NV, November 3 - 6, 2011.

Taitsman LA. Lecturer: “Fracture classifications.” AO/ASIF Principles Course. Atlanta, GA, September 15 – 18, 2011.

Taitsman LA. Lecturer: “Ankle fractures.” OTA Resident Course. San Antonio, TX, October 12 – 15, 2011.

Worton LE, Kwon RY, Gardiner EM, Gross TS, Srinivasan S. (2012). Cyclosporin A synergistically enhances acute gene expression and differentiation in MC3T3 cells subjected to dynamic fluid flow, poster, Trans 57th Orthopaedic Res Soc, 1381.

Tech Talk

We have had a busy few months in the Computing Support Group! We’ve rolled out a new look to the main Orthopaedics website, <http://www.orthop.uw.edu>, and streamlined technology which should lead to better computing for all.

Join us in congratulating Arien Cherones, who has been hired as the CSG Manager. Please welcome two new support staff who have joined John Eickerman, Garrett King, and Arien in the CSG:



Felicia Mehl – Special Projects

Felicia is splitting time between CSG and Pediatrics, and has already transformed our website! She completed her master’s in Library and Information Science at UW in 2006.

Originally from Ohio, she’s also lived in Virginia and Tokyo, and has been in Seattle for about ten years. Felicia will continue to improve our website and roll out new services.



Jason Black – Web Computing Specialist

Jason has a variety of job duties on top of improving our websites, blogs and social media exposure. He will provide server and help desk support, and his graphic design should prove very useful to us.

Jason grew up in West Palm Beach, Florida, enjoying running, fishing and sailing. He studied Computer Graphics and Animation, transitioned his design abilities into web and mobile development, and has worked in the industry for seven years.

Jason attended Penn State and is an avid Nittany Lions fan. He fills out the rest of his free time with art projects, including game design animation and traditional pen and paper works.

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Give us your feedback! We in CSG are only here because of the hard-working Orthopaedic staff and faculty. If you see something we can improve upon or if someone in the CSG has given you exceptional service, email me at acherone@uw.edu, call (206) 685-4350 or stop by BB-1014.

- Arien Cherones, Manager, Computer Support Group