

*Message from the Acting Chair*

Dear UW Orthopaedics Community,

This past April marked the 10th anniversary of the annual UW Hand Course. The objective of the course is to provide current clinical information for the treatment of the hand and upper extremity. This is accomplished through lectures, interactive case studies, and real time streaming of surgical anatomy demonstrations. The year's course was entitled: 'Stuck, Cut, Can't Conduct': Nerve Injuries and Reconstruction. Over 200 therapists from the Pacific Northwest were in attendance. Please join me in thanking the hand faculty, fellows, hand therapists, and administrative staff who have made the course a resounding success over the years. For more information and photos from the 2015 UW Hand Course, please see [page 2](#).

**Dr. Ted Wagner** recently returned from relief efforts following the catastrophic earthquake that hit Nepal on April 25 ([p. 5](#)). Dr. Wagner made the trip as part of Clarion Global Response, a volunteer organization that provides humanitarian support in countries recovering from disasters. Ted has many friends in Nepal from his frequent humanitarian trips throughout the region. Our thoughts are with those affected by this tragedy.

On April 11th, **Dr. Peter Cavanagh** addressed the crowd gathered for the grand opening of "How Birds Fly" at the Museum of Flight. The exhibit was developed in partnership with the Burke Museum, and is guest curated by Dr. Cavanagh, who in his free time is an avid birder and photographer. Peter's interest in flight encompasses Earth-bound birds to humans in space-bound NASA rockets. Please see [page 3](#) for more information about the event and exhibit.

Our Department continues to actively secure extramural research funding. **Dr. Albert Gee** was awarded an OREF New Investigator Grant, **Dr. Jason Ko**

was co-investigator on a Department of Defense grant, **Dr. Ron Kwon** received a National Institutes of Health (NIH) KO1 career development award, and collaborators in the Orthopaedic Science Lab (OSL), which includes **Drs. Sundar Srinivasan, Steve Bain, Ron Kwon, and Edith Gardiner**, were awarded a new 4-year NIH grant. For more information on their research, please see [pages 3-4](#).

This year our annual faculty retreat was held on May 8, in the Omaha Room located in the Wayne Gittinger Baseball Team Building. It was a successful retreat with over 45 faculty members in attendance. Attendees participated in compliance training and received clinical and financial updates as well as advice on dealing with job-related stress. Several of the faculty members came prepared with gloves and balls and took to the Husky Baseball Field after the retreat. You can read more on [page 4](#).

Spring brought three new arrivals to our UW Orthopaedics & Sports Medicine family. **Nadia Goodman, Hand Program Coordinator**, and her husband welcomed Nigel David, **Dr. Kenny Gundle (R5)** and his wife welcomed Robert Tyler, and **Dr. Dayne Mickelson (R4)** and his wife welcomed Ayden James. Congratulations to Nadia, Kenny and Dayne and their burgeoning families. Pictures can be found on [page 5](#).

Thank you for reading this issue of our Departmental newsletter. I encourage our faculty, alumni, and staff to submit any items that you think would be of interest for inclusion in our Summer newsletter.

Sincerely,



## Spotlight: Hand Course 2015

# 10th Anniversary for the UW Hand Course

The 10th Annual Hand Course titled *'Stuck, Cut, Can't Conduct': Nerve Injuries and Reconstruction* was a great success this year! There were over 200 attendees with very positive participant feedback. The talks ranged from nerve transfers and therapy to live feeds of cadaver dissection demonstrations. A special thank you to our guest speakers Dr. John Lubahn and Terri Wolfe, OT/CHT from Erie, Pennsylvania for coming to speak at the event. The course would not have been possible without the help and participation of our hand faculty, fellows, hand therapists at the Exercise Training Center and the Department of Orthopaedics IT group. Here's to another 10 years!



*Guest speaker Dr. John Lubahn, Chairman of Orthopaedics at the Hamot Medical Center in Erie, PA.*



*More than 200 people attended this year's course, held in the Hogness Auditorium.*

The department wishes to thank everyone involved with the planning and execution of the 2015 Hand Course. Thank you for attending and we look forward to next year's course!



*Dr. Jeffrey Friedrich, Associate Professor of Plastic Surgery, adjunct Associate Professor of Orthopaedics.*



*Dr. Steven Kenneddy, Assistant Professor of Orthopaedics.*



*L to R: Dr. Jeffrey Friedrich; Dr. Jerry Huang, Program Director for the UW Combined Hand Fellowship; and Dr. Doug Hanel, Program Director for the UW Orthopaedics Residency Program.*



*Guest Speaker Terri Wolfe, OT/CHT, Director of the Hand and Upper Body Rehabilitation Center in Erie, PA.*



## Department News

### Museum of Flight Special Exhibit

On April 11th, **Dr. Peter R. Cavanagh** welcomed the public to the opening of the exhibit “How Birds Fly,” created by the Museum of Flight in conjunction with the Burke Museum. Dr. Cavanagh addressed a large audience in the Museum of Flight’s Great Gallery. He provided visitors with a glimpse into what the exhibit had to offer while explaining some of the biomechanics behind bird flight. Specimens from the Burke Museum combined with Dr. Cavanagh’s avian photography reveal the ways in which birds evolved and the impact birds have had on the advancement of human flight.

The opening day of the exhibit was also marked by a reunion for Dr. Cavanagh’s NASA researchers who traveled up from California and Texas to celebrate the event.



“How Birds Fly” can be seen at the Museum of Flight until September 4.



*left: “How Birds Fly” runs until September 4; right: Dr. Cavanagh’s team lines up in a V formation, a tactic that is used to conserve energy. right: (L to R) Molly Glauberman, Arien Cherones, Peter Cavanagh, Mike Lewis, and Andrea Hanson. All photos courtesy of Mike Lewis.*

### New Grant Awards

The following individuals/labs were recently awarded grants:

**Dr. Albert Gee** has been awarded an OREF New Investigator Grant. The one year grant will fund his research on nano-engineered hybrid scaffolds for cartilage tissue regeneration. If the research is successful, it could result in improved recovery rates following cartilage injuries.

**Dr. Jason Ko** is the Co-investigator of a grant that has received funding from the Department of Defense. The grant will fund continued research on lower extremity prostheses and targeted muscle reinnervation. The PI is Dr. Eric Rombokas at the VA.

The Orthopaedic Science Lab was awarded a new 4-year NIH grant for their continued work on increasing bone mass in elderly patients. The pilot studies preceding this grant were made possible by the Sigvard T. Hansen, Jr. Endowed Chair fund. Given the multi-disciplinary approach that will be implemented, four OSL faculty members will collaborate as investigators on the project: **Sundar Srinivasan, Ph.D.**; **Steve D. Bain, Ph.D.**; **Ron Y. Kwon, Ph.D.**; and **Edith M. Gardiner, Ph.D.**

## Department News

### Achievements for Musculoskeletal Systems Biology Lab

Congratulations to **Ron Kwon, PhD** and **Adrian Monstad-Rios** whose papers were selected for the Spotlight Oral Session and Bone Biology Walking Tour Spotlight Oral Session, respectively, at the ORS annual meeting in March. Dr. Kwon was also recently awarded an NIH K01 Career Development Award for his research titled "Neuroskeletal Systems Biology in Zebrafish". To stay up to date on all MSBL news, check out their blog at: <http://blogs.uw.edu/ronkwon/blog/>

### Congratulations Steve Minor!

Congratulations to **Steve Minor, RN2**, on being named the UWMC December 2014 Employee of the Month. Steve supports the always busy Shoulder Service at the Bone and Joint Center. He is well-liked by all and consistently exemplifies professionalism and care towards his patients. Please join the department in congratulating Steve on this wonderful achievement.



The Bone and Joint Center hosted a spirited Super Bowl party in February. Team members rocked their Seahawks gear as the Seahawks battled the Patriots in an attempt to win back to back Super Bowls. Sadly, the Seahawks couldn't clinch a repeat but the fans are still proud of their team.

### BJC Super Bowl Party



### Arthroplasty Seminar

The latest Arthroplasty Seminar was held on June 2nd at 6:30pm at the Sorrento Hotel. In addition to Resident case presentations, guest speaker Gordon Hunter, PhD, a Group Manager in Materials Quality and Strategic Manufacturing for Smith & Nephew, addressed the audience. The topic for the evening was Bearing Surface Options. If you would like to be added to the invite list, please contact Sarah Pressl at [sep720@uw.edu](mailto:sep720@uw.edu).

## Annual Faculty Retreat

The annual faculty retreat took place on Friday May 8 at the Wayne Gittinger Team Building. The building's Omaha conference room is located behind the stands along the first base line of the UW baseball field. It has a wall of floor to ceiling windows and afforded us lots of sunshine and a nice eastern view during the retreat. We had excellent attendance this year with 45 faculty joining the retreat from all 5 of our hospitals. As has become routine, we started off the retreat with our annual UWP



compliance session run by Lolly Lamb. This was followed by several hours of updates by the chiefs of each of our hospitals. The annual residency and financial updates were given by **Dr. Doug Hanel** and **Director Ken Karbowski**, respectively. The formal component of the retreat wrapped up with an engaging lecture by Dr. Claudia Finkelstein on causes of and strategies for dealing with job-related stress. This was followed by happy hour. Several of the faculty commandeered the baseball field for a long round of catch. Rumor has it that **Dr. Howard Chansky** was unable to move without great pain for the rest of the weekend.



## Faculty &amp; Staff News

## Another World Record Set

On January 28, The WholeU hosted its second event to break a Guinness World Record. As you may remember, last year the UW community came together to set the record for the largest number of people simultaneously participating in a kettlebell workout. This year **Sarah Pressl**, **Calina Garcia**, and **Theresa Jones** joined more than 1,700 people to set the record for the largest number of people dancing with umbrellas.



Congratulations to **Program Coordinator Nadia Goodman** and her husband on the birth of their son Nigel David. He was born on January 20 at 7:02pm, weighing 8lbs. 11oz. and measuring 21.5 inches long. Congratulations!



Congratulations to **R5 Kenny Gundle** and his wife Megan on the birth of their son Robert Tyler. He was born on February 7 (his due date!) at 2:59PM, weighing 7lbs. 7oz. and measuring 20 inches. Mom and baby are doing well!



Congratulations to **R4 Dayne Mickelson** and his wife on the birth of their son Ayden James. Ayden was born on March 9, weighing 11lbs. and measuring 22.5 inches. Everyone is doing well and 2 year old Bryce (left) is adjusting to his big brother status!

**Dr. Vincent Mosca** was among the invited Faculty at the 11th Annual POSNA/AAOS International Pediatric Orthopedic Symposium in Orlando in December.

When the catastrophic earthquake hit Nepal on April 25, **Dr. Theodore Wagner** answered the call to action and flew out of Seattle on April 28 as part of Clarion Global Response's group of emergency medical workers. Dr. Wagner recalls how terrified people were during the aftershocks and how one street in Kathmandu could be relatively undamaged and on the next street over there was nothing but rubble. Dr. Wagner returned safely to Seattle on May 10, but continues to closely follow the events in Nepal.



*Dr. Wagner brought supplies to several Nepalese orphanages which had become inundated with children since the earthquake struck.*

## Farewell to Felicia Mehl

Our web developer Felicia Mehl has sadly accepted a position at Ohio State University. Felicia joined our team full time in 2012 and set off redesigning and rebuilding our website from the ground up. We'd like to thank Felicia for her years of work- Ohio State University is lucky to have her. While we look for a new team member, if you have web updates or stories please forward them to [acherone@uw.edu](mailto:acherone@uw.edu) and we'll make sure they get posted up to the website.

eMTRCS has expanded! We are now being actively used by several internal UW departments with more queued to join. Several external groups have expressed interest in joining as well. Stay tuned for updates in the next next newsletter!

## Publications

**Ausk BJ, Gross TS, Bain SD.** "Botulinum Toxin-induced Muscle Paralysis Inhibits Heterotopic Bone Formation." Clin Orthop Relat Res. 2015 Mar 25. Epub ahead of print.

**Alton T, Harnden E, Hagen J, Firoozabadi R.** "Single Provider Reduction and Splinting of Displaced Ankle Fractures: A Modification of Quigley's Classic Technique." Journal of Orthopaedic Trauma. 2015 Apr.

**Firoozabadi R, Harnden E, Krieg J.** "Immediate weight bearing after ankle fracture surgery." Advances in Orthopaedics. 2015 Feb 16. Epub ahead of print.

**Firoozabadi R, Oldenburg F, Krieg J, Routt C.** "Prevention of Iliosacral Intrusion." Techniques of Orthopaedics. 2015.

**Firoozabadi R, Swenson A, Kleweno C, Routt C.** "Cell Saver Use in Acetabular Surgery: Does Approach Matter?" J Orthop Trauma. 2015 Jan 29. Epub ahead of print.

**Hou C, Gupta, A, Chen M, Matsen FA III.** How do revised shoulders that are culture positive for Propionibacterium differ from those that are not? J Shoulder Elbow Surg. 2015 Feb 25. Epub ahead of print.

**Iorio ML, Kennedy CD, Huang JI.** Limited intercarpal fusion as a salvage procedure for advanced Kienbock disease. HAND. 2014 Dec.

**Kennedy SA, Stoll LE, Lauder AS.** Human and Other Mammalian Bite Injuries of the Hand: Evaluation and Management. J Am Acad Orthop Surg. 2015 Jan;23(1):47-57. Review.

**Kerney SP, Mosca VS.** Selective hemiepiphysiodesis for patellar instability with associated genu valgum. J Orthop 2015 Jan 27;12(1):17-22.

**Matsen FA III.** The ream and run: not for every patient, every surgeon, or every problem. Int Orthop. 2015 Feb; 39(2):255-61.

**McElvany MD, McGoldrick E, Gee AO, Neradilek MB, Matsen FA III.** Rotator cuff repair: published evidence on factors associated with repair integrity and clinical outcome. Am J Sports Med. 2015 Feb;43(2):491-500.

**Franko OI, Andrawis JP, Mickelson DT.** Mobile apps for orthopedic surgeons: how useful are they? Orthopedic Research and Reviews. 2015 May; 2015(7):739-45.

*Publications, cont'd*

Parada S, Dilisio MF, **Kennedy CD**. Management of complications after rotator cuff surgery. *Curr Rev Musculoskelet Med*. 2015 Mar 8;8(1):40-52.

Pet MA, **Ko JH**, Friedly JL, **Smith DG**. Traction neurectomy for treatment of painful residual limb neuroma in lower extremity amputees. *J Orthop Traum*. 2015 Mar 28. Epub ahead of print.

**Sassoon A**, Nam D, Nunley R, Barrack R. Systematic Review of Patient-Specific Instrumentation in Total Knee Arthroplasty: New but Not improved. *Clin Orthop Relat Res*. 2015 Jan;473(1):151-8.

Scully WF, **White KK**, Song KM, **Mosca VS**. Injection-induced gluteus muscle contractures: Diagnosis with the "reverse Ober test" and surgical management. *J Pediatr Orthop* 2015 Mar; 35:192-198.

**Posters/Presentations:**

**Benirschke SK**, **Firoozabadi R**, Munz JW. Talus and Calcaneus Fractures: Current Treatment. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2015.

Bodgen Y, Tornetta P, Jones CB, Schemitsch EH, Horwitz DS, Sanders D, **Firoozabadi R**, De Dios Robinson J, Marcantonio AJ. "Neurologic Injury in Operatively Treated Acetabular Fractures. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2015.

Ng V, Louie P, **Punt S**, Bompadre V, **Davidson D**, Jones RL, **Conrad EU III**. The Effect of Surgery with Radiation on Pelvic Ewing Sarcoma Survival. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2015.

Feldman DS, **Mosca VS**, Schon LC. Pes Planovalgus: From Adolescent to Adulthood. Instructional Course Lecture, American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2015.

**Lauder A**, Agnew S, **Allan CH**, **Huang JI**. Bridging plating for distal radius fractures: a functional analysis. American Association for Hand Surgery. Nassau, Bahamas. January 2015.

**Lauder A**, Agnew S, **Allan CH**, **Huang JI**. Bridge plating for distal radius fractures: a functional analysis. One AO Multispecialty Meeting. Las Vegas, NV. February 2015.

Spitler CA, **Schlepp CL**, Hamilton B, **Agel J**, Tornetta P III, **Firoozabadi R**. Hip Stability after Posterior Wall Acetabular Fracture. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2015.

**Mickelson DT**. Keeping Your Digital Life Synced and Secured. American Academy of Orthopaedic Surgeons Annual Meeting - Electronic Skills Pavilion. Las Vegas, NV. March 2015.

**Mickelson DT**, **Gundle KR**, **Hanel DP**. Modernizing Resident Education - Leveraging the Digital Age. American Academy of Orthopaedic Surgeons Annual Meeting - Electronic Skills Pavilion. Las Vegas, NV. March 2015

**Mosca VS**. Flatfoot Symposium. AOFAS Specialty Day, American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2015.

**Mosca VS**. Moderator: Advanced Ponseti Course and Minimally Invasive Management of Vertical Talus. Instructional Course Lecture, American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2015.

*Publications, cont'd*

**Sassoon A**, Houdek M, Watts C, Turnbull N, Cass JR, Sems SA, Berry DJ, Haidukewych GJ. ORIF of Vancouver B1 Periprosthetic Fractures: Results, Complications, and Classifications of Failed Treatment. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2015.

**Sassoon A**, Wyles C, Norambuena GA, Houdek M, Trousdale RT. Intraoperative Fracture During Aseptic Revision Total Knee Arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2015.