“Climb High, Climb Far, Your Goal the Sky, Your Aim the Star”

Osteoporosis research goes to the International Space Station in 2015
Climb High, Climb Far, Your Goal the Sky, Your Aim the Star”
– quote by an unknown author inscribed on the Hopkins Gate at the Williams College in Williamstown, Massachusetts. The plaque was placed to commemorate the many contributions to the college by Mark Hopkins, president of Williams College from 1836 to 1872.
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Welcome to the 2015 AAOS UCLA/OIC Alumni Reception and I hope that you enjoy this 5th addition of our Alumni Bulletin. We thank Dr. Seth Gamradt ’06 (now at USC) who conceived of our first edition in 2011. I credit Jackie Cohen, my academic assistant, for completing the last three editions and my new academic assistant Ashley Lucia for this year’s edition. My administrative team has proved invaluable in making sure all is functioning in the department. I thank my admin team, including Jackie Cohen, Tonya Allen (CAO/CFO), Tina Nguyen (Director of Business Operations), Ashley Lucia, Connie Sams (Education Coordinator), and Bill Oppenheim for being a consistent support for me and the entire Department of Orthopaedic Surgery.

It has been a good five years for Orthopaedics. Our residents are the “best of the best” of the national applicants with all getting outstanding post residency fellowships. We have completed the move to the Santa Monica Hospital, opened the Spine Center in conjunction with Neurosurgery, refurbished the Westwood clinic and the CHS administrative and physician offices as well as the Gait analysis lab and have fully integrated the electronic medical record. Our December Holiday Party is unquestionably the best on campus. Ten of our faculty are now actively involved with Operation Mend, caring for our wounded veterans. Kodi Azari, MD and his transplant team are poised to perform our first free face and abdominal wall transplants. Our biomechanical robotic lab is going strong with the number of students and residents increasingly involved in basic research each year. Our faculty and residents were dispatched to the LA Zoo to operate on Jabari, a 450-pound lowland silverback gorilla who had sustained a femur fracture when thrown into the moat by his older brother, the alpha male. Dr. Chia Soo, with help from Dr. John Adams, secured a $300,000 NASA grant that will be sending mice to the International Space Station this year for osteoporosis studies critical for our astronauts’ wellbeing on prolonged space flights. We have acquired from Cedars the International Skeletal Dysplasia Registry with 450 known dysplasias co directed by Drs. Deborah Krakow and Dan Cohn. Our Primary Investigator NIH Funding has increased from 14th in the nation in 2010 to 7th this year and the UCLA Orthopaedic Residency Training Program ranking by US News and World report has gone from 19th in 2010 to 8th in the nation this year, 2015. As a testament to our research efforts, at the 2015 Longmire Day, six of 18 presentations and 12 of 26 posters were presented by our residents, as they represented the orthopaedic surgery department with a total of 41% of the presentations. We have developed the best same day/next day clinic availability program of all the clinical departments and our Quality Program has been most effective in reducing re-admission, improving time to surgery for hip fractures and decreasing length of stay for elective cases and also enjoys high marks from the hospital administration, the clinical chairs and the Dean’s Office. Dr. Nelson Soohoo had taken over the job as Program Director and appointed Drs. Frank Petrigliano and Rick Bowen as Associate PDs. The three have done an excellent job in revamping the educational program and match selection process for the residents and students. Surgical rotations at Olive View Medical Center, Kaiser Panorama, and in the Soddo Christian Hospital in southern Ethiopia, along with a full surgically equipped cadaver lab at CHS and the CASIT dry lab, have been added to increase the resident’s hands on surgical experience. Sharon Hame, MD has been appointed the Director of Medical Student Orthopaedic Education as our priorities have
shifted to better educate and introduce the medical students to our subspecialty. Twenty-four faculty have been on-boarded since 2010, which brings our complement of clinical faculty to 47 and our research faculty to 25. It has been a great time to be part of UCLA Orthopaedics, and for me it has been an honor and privilege to have served as Chair since 2010.

Sincerely yours,

Jeffrey J. Eckardt, M.D.
Distinguished Professor and Chair, Department of Orthopaedic Surgery
Helga and Walter Oppenheimer Chair of Musculoskeletal Oncology
David Geffen School of Medicine at UCLA
Historical Notes
Todd T. Grant, M.D.
Founder of the Division of Sports Medicine and Orthopaedic Oncology at UCLA, 1975
1940-1996

Born in 1940, Dr. Todd Grant spent his early years growing up in Detroit, Michigan. He attended the University of Michigan from 1958 to 1962, where he played football and distinguished himself by playing both offense and defense, even going on to be drafted to the Detroit Lions in 1962 playing center. That same year, he married the former Jane Louise Emmons, and together they moved to Baltimore, Maryland, where he began an orthopaedic residency at the John Hopkins University School of Medicine. From 1966 to 1967, Dr. Grant completed a rotating internship at the Philadelphia General Hospital; immediately following this, he served in the United States Air Force for two years as part of the Berry Plan obligations during Vietnam, at which time he was stationed at an ICBM missile base in Cheyenne, Wyoming. In 1969, he returned to John Hopkins University, where he completed his orthopaedic surgery residency in 1973. It was in this last year of his residency that he met Dr. Gerald Finerman, who was at the time an assistant professor on the faculty at UCLA. Dr. Finerman saw potential in Dr. Grant, and brought him to UCLA, where Dr. Grant joined and remained on the faculty from 1973 to 1978. His main love was sports medicine, and he became instrumental in helping Dr. Finerman develop the orthopaedic sports medicine division program. In addition, Dr. Grant became the founder of the orthopaedic oncology division program in 1975. That same year, he and close friend Dr. Fred Eilber, against whom he played high school football in Michigan, developed the first limb salvage program for malignant bone tumors at UCLA. In 1978, Dr. Grant left UCLA, taking his practice to Saint John’s Health Center in Santa Monica for the next 18 years. Unfortunately, in 1996, he passed away prematurely at the age of 54. He is survived and dearly remembered by his wife, Jane Grant, and four children: Matthew, Jane, John and Jennifer, as well as eight grandchildren. Dr. Grant’s legacy will be remembered for his unending enthusiasm for his patients and his dedication to patient care and teaching. He is considered to be one of the founding faculty members pivotal in both the sports medicine program and orthopaedic oncology program. Dr. Grant was also truly considered the best of the best, and a beloved mentor. For all the residents who were privileged to work with him, their fond memories will last forever. It is with sadness that we acknowledge we lost him far too soon. In many ways he was not only a teacher, but a friend, both to me and all of his residents.

Jeffrey J. Eckardt, M.D.
April 2015
Dr. Ed Dawson was born in Oakland, California on October 29, 1936. He was raised in Niles, California and attended the University of California Berkeley in 1953. He later served for three years in the Army Medical Corps as an O.R. Technician where he was stationed in Okinawa. He returned to Berkeley after his service where he met his wife to be, Virginia Kant, and they were married on September 10, 1960. They moved to St. Louis where he earned his Medical Degree from St. Louis University School of Medicine with Magna Cum Laude honors. Dr. Dawson completed his internship at UCLA in 1967 where he was recognized as the Outstanding Intern of the Department of Surgery. As a part of his residency training beginning in 1967, he completed a pediatric orthopaedics rotation in Cincinnati. It was there that he met John Moe who would encourage Dr. Dawson to pursue a career in Spine Surgery. Upon completion of residency, Dr. Dawson became the country’s first fellow in Spinal Disease when he received the first John H. Moe Fellow award and completed a program at the University of Minnesota. After, he returned to Los Angeles to join the UCLA faculty in 1972. At that time, he founded the division of spine surgery at UCLA. He became Professor in 1985 and remained active on the faculty throughout his life, holding the positions of Chief of Staff, Spine Fellowship Director and Co-Director of the Comprehensive Spine Center. During his career he was also the Chief of Staff of Shriner’s Hospital at Los Angeles. In 2001 Dr. Dawson relocated his practice to St. John’s Health Center where he was part of The Spine Institute. He was an active member of many professional organizations including the Scoliosis Research Society where he served as President, Council of Spine Societies, North American Spine Society, American Academy of Orthopaedic Surgeons, and American Orthopaedic Association. The American Medical Association awarded him the Certificate of Merit for Outstanding Contribution in Continuing Medical Education. Dr. Dawson enjoyed traveling and took advantage of any opportunity to play golf, especially with his wife Virginia. Throughout his life he was able to share so much with so many. He was a loving husband, caring father, grandfather, and dear friend. He treated his patients as family and taught others the true nature of caring. Ed Dawson was the best of the best: master surgeon, respected by his fellow surgeons, students and colleagues alike, a true patient advocate being available 24/7, and an incredible role model for students and residents. He was patient and understanding and embodied everything that that is good and noble about being a physician and teacher. He was truly a “surgeon’s surgeon”. For me, he will always be best remembered as a true friend.

Jeffrey J. Eckardt, M.D.
March 2015
A Message from OIC President and CEO Anthony A. Scaduto, M.D.

When Dr. Charles LeRoy Lowman established Orthopaedic Institute for Children (OIC) in 1911, he scarcely could have imagined the astonishing strides that medicine would take through the end of the century.

The alliance between UCLA and Orthopaedic Institute for Children began in 1998 and creates a platform for unparalleled contributions to patient care and scientific discovery in orthopaedic surgery and musculoskeletal medicine. OIC treats children with congenital and acquired orthopaedic disorders in addition to providing expert life-long care for hemophilia. Our surgeons straighten curved spines, correct clubfeet, reconstruct deformed or short limbs, replace torn ligaments, and repair complex fractures. Whenever possible, OIC physicians apply non-surgical techniques and less invasive procedures with the goal of reducing a child’s discomfort or time to recovery. Our physicians also coordinate a multidisciplinary approach to complex neuromuscular conditions such as cerebral palsy and spina bifida, as well as rare skeletal diseases such as osteogenesis imperfecta and achondroplasia.

Here are a few other things I’d like you to know about OIC:

- We are the new home of the International Skeletal Dysplasia Registry. Using novel techniques our scientists have to date identified 33 unique genetic skeletal disorders.
- OIC has one of the largest IRB-approved, prospective databases on pediatric elbow fractures in the United States, with over 3,900 patients included.
- Applying their expertise in biomechanics and implant design to spinal deformity surgery, researchers in the J. Vernon Luck Sr, M.D. Research Center were awarded “Best Poster” at the 2014 AAOS.
- Medical education is an important part of our mission, from our clinical and research fellowship program to the OIC/UCLA resident training program. More than 50 students, residents, and fellows train with OIC physicians and staff each year.

Over the past few years, OIC has grown tremendously. In October 2014, we had the highest number of monthly patient visits in our 103-year history. Our team is committed to relentlessly innovating and establishing evidence-based best practices within our field. In alliance with UCLA Health, we will continue to do our part to advance musculoskeletal care, research and education worldwide.

Sincerely,

Anthony A. Scaduto, M.D.
Executive Vice Chair, Department of Orthopaedic Surgery
Division Chief and Charles LeRoy Lowman Professor of Pediatric Orthopaedics
President and CEO, Orthopaedic Institute for Children
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The UCLA Department of Orthopaedic Surgery will be going to space with a new research project led by Chia Soo, MD, Vice-Chair of the Division of Plastic Surgery has a joint appointment with the Department of Orthopaedic Surgery. Dr. Soo completed her residency in Plastic Surgery in 2002 at UCLA and she, along with Kang (Eric) Ting, D.D.S., Ben Wu, Ph.D., D.D.S., and Dr. John Adams, has moved their groundbreaking bone stem cell research to the International Space Station with a $300,000 grant from the Center for the Advancement of Science in Space, Inc. (CASIS). The project will test whether a molecule of their discovery, NELL-1, will build bone in microgravity as will be experienced by astronauts in future long duration space flights to other planets in our solar system.
The UCLA/OIC Department of Orthopaedic Surgery continues its mission of providing outstanding clinical care, resident and fellow education, and research at the basic science, translational, and clinical levels. Our goal as a Department is to integrate clinical care, education, and research while maintaining the highest levels of patient satisfaction with cutting-edge surgical techniques.

The UCLA Medical Center, Santa Monica, located on Wilshire and 16th Street in Santa Monica, CA, has been going strong since its official opening on January 8, 2012.

The UCLA Medical Center, Santa Monica

This location serves as the inpatient and outpatient hub of our Department of Orthopaedic Surgery. Constructed as part of the alliance between UCLA Orthopaedic Surgery and the former Los Angeles Orthopaedic Hospital (now Orthopaedic Institute for Children) this facility houses state-of-the-art operating suites, inpatient facilities, faculty offices and outpatient exam rooms.

The Santa Monica Ambulatory Surgery Center is located directly across from the hospital on 16th Street and features eight operating rooms. Since its opening in March 2012, there have been over 5,000 orthopaedic cases in specialties such as sports medicine, foot and ankle surgery, and hand surgery that have been performed there.

The UCLA Spine Center opened on July 30, 2012 and houses our joint spine program with neurosurgery.

The UCLA Spine Center, Santa Monica

The Orthopaedic Hospital Research Center is a 3,500-square-foot, state-of-the art facility that serves as our Department’s main translational research facility, and is led by Vice Chair of Research John Adams, M.D.

The UCLA/OIC Department of Orthopaedic Surgery continues to provide a diverse training experience and has strong affiliate relationships with: Harbor-UCLA Medical Center, Olive View-UCLA Medical Center, West Los Angeles Veterans Affairs Medical Center and Kaiser Panorama City.

Ronald Reagan UCLA Medical Center, which opened on June 29, 2008, continues to serve as the home of our Level I Orthopaedic Trauma program, run by Drs. Eric Johnson, Devon Jeffcoat and Eric Farrell, with the able assistance of multiple other faculty members.
RESIDENT/FELLOW EDUCATION

PROGRAM DIRECTOR
2014 had brought with it the departure of James V. Luck, Jr., M.D. as our Residency Program Director, and Nelson SooHoo, M.D. stepped in to take over in leading the residency program as Program Director.

Dr. SooHoo has chosen Richard Bowen, M.D. (UCLA Ortho ‘01) and Frank Petrigliano, M.D. (UCLA Ortho ‘09) as his Assistant Residency Program Directors.

Together with Medical Education Coordinator, Connie Sams, C-TAGME, their effect on the residency program has proven immense, as the program ranking jumped from 19th last year to 8th in the nation this year.

RESEARCH RESIDENTS
In addition to our five classes of clinical residents, two residents per year choose to complete a prestigious one-year research fellowship between their second and third years of residency. Our 2014-2015 research residents are Edward Cheung, M.D. and Erik Dworsky, M.D.

NEW R-1 CLASS
In June we also welcomed our PGY1 intern class:

Together with Medical Education Coordinator, Connie Sams, C-TAGME, their effect on the residency program has proven immense, as the program ranking jumped from 19th last year to 8th in the nation this year.
In July 2013 we implemented the new ACGME-mandated evaluation system known as Milestones. Residents are no longer rated by year in training but by goals for the entire residency or fellowship. A Clinical Competency Committee reviews all milestone evaluations as well as other information, like the OITE results, on every resident bi-annually.

FAREWELL TO CLASS OF 2014
In addition, we said farewell to the graduating chief residency class of 2014 (pictured, L-R) who are now training at the following fellowships:

Neal Berger, M.D., Sports Medicine, SOAR (Sports, Orthopedic And Rehabilitation Medicine Associate), Redwood City, CA
Casimir Dowd, M.D., Hand Surgery, University of Washington, Seattle, WA
Matthew Niesen, M.D., Adult Reconstruction, Mayo Clinic, Scottsdale, AZ
Jonathan Pribaz, M.D., Hand Surgery, University of Washington, Seattle, WA
Jeffrey Wong, M.D., Sports Medicine, Massachusetts General Hospital, Boston, MA
David Lee, M.D., Arthroplasty, Brigham & Women’s Hospital, Boston, MA

THE NEW CHIEFS
The current chief residents (graduating in June 2015 and pictured below, L-R) matched to the following fellowships for 2015-16:

M. Isiah Sandlin, M.D., Foot and Ankle Surgery, Cedars Sinai Medical Center, Beverly Hills, CA; Mercy Medical Center in Baltimore, MD
Abraham Kim, M.D., Joint Replacement, New England Baptist Hospital, Boston, MA
Justin Barad, M.D., Pediatric Orthopaedics, Boston Children’s Hospital, Boston, MA
Jared Niska, M.D., Hand and Upper Extremity Surgery, Washington University, St. Louis, MO
Asher Kupperman, M.D., Hand and Microvascular Surgery, Hospital for Special Surgery, New York, NY
Scott Montgomery, M.D., Sports Medicine, Steadman Clinic, Vail, CO
The annual Longmire Surgical Society Scientific Day was held on March 21, 2014. We were proud to have five residents participate in this event: Drs. Natalie Leong (research resident then, now PGY3), Matthew Niesen (PGY5 then, now graduated), Isiah Sandlin (PGY4 then, now PGY5), Alexandra Stavrakis (PGY3 then, now PGY4) and Dean Wang (PGY3 then, now PGY4).

Our annual Resident Research Day and Graduation took place on May 30, 2014 and was a wonderful highlight of our residents’ work throughout their training. Dr. David Lewallen (Joint Replacement, Mayo Clinic) was the invited guest and keynote speaker who honored three of the residents with awards for best papers.

The graduating chief residents selected Dr. Steven Zeitzew (Orthopaedic Surgery, West LA VA) as the winner of the 2014 Resident Teaching Award for best faculty teacher. The resident award winners and all resident presentations are listed below:

**Best Chief Resident Paper: Neal Berger, M.D. (PGY5)**
“Effect of Pre-Collegiate Surgery on Division I NCAA Athletes as Measured by Future Surgery, Athletic Participation and Functional Testing: Both a Retrospective Analysis and the Early Results of a Prospective Analysis”

**Best Basic Science Paper: Scott Montgomery, M.D. (PGY4)**
“Oxy 133, A Novel Oxysterol, Induces Osteogenic Differentiation in Vitro and Promotes Spine Fusion in Vivo”

**Best Clinical Research Paper: Benjamin Bluth, M.D. (PGY3)**
“Ankle Fusion in Patients with Hemophilia”

**Chief Resident (PGYS) Papers:**
Casimir Dowd, M.D., “Cost and Hospital Stay After Arthroplasty”
David Lee, M.D., “Loss of Fixation of Volar Locked Plating of Distal Radius Fractures”
Matthew Niesen, M.D., “The Effects of Interviewing for Fellowship and What Factors Residents Consider Most Important in Establishing a Rank List”
Jonathan Pribaz, M.D., “Mouse Model of Chronic Post-Arthroplasty Infection: Noninvasive In Vivo Bioluminescence Imaging to Monitor Bacterial Burden for Long-Term Study”
Jeffrey Wong, M.D., “A Novel Surgical Technique for Jones Type II Tibial Deficiency”

**PGY4 Papers:**
Justin Barad, M.D., “Range of Motion of the Healthy Pediatric Elbow: Cross-Sectional Study of a Large Population”
Abraham Kim, M.D., “Implant Cost Awareness of Analogous Intramedullary and Plate Devices Among Orthopaedic Surgeons”
Asher Kupperman, M.D., “Demographic Analysis of Open and Arthroscopic Distal Clavicle Excisions”
Isiah Sandlin, M.D., “Geographic and Demographic Variability in Cost and Surgical Correction of Hallux Valgus”

**PGY3 Papers:**
Michael Leathers, M.D., “Recent Trends and Demographics in ACL Reconstruction in the US”
Alexandra Stavrakis, M.D., “Assessment of the Efficacy of a Novel Antibiotic Coating in Decreasing Periprosthetic Infection Using an Established in vivo Mouse Model”
Dean Wang, M.D., “Preconditioning of Tendon Grafts for ACL Reconstruction”

Dr. Natalie Leong, a PGY-3 who has completed a research fellowship year under the guidance of Dr. David McAllister and Dr. Frank Petrigliano, continues to be involved in the lab's efforts in ACL tissue engineering. Using a small animal model of ACL reconstruction, they have been able to develop an engineered replacement for the ACL with mechanical properties comparable to autografts and allografts. Dr. Leong has received over $90,000 in grant funding from the OREF, H and H Lee Foundation, and J. R. Gladden Orthopaedic Society to support this work. This research has been recognized with a Western Orthopaedic Association Resident Research Award and a Ruth Jackson Orthopaedic Society Resident Research Award, and has been featured in an article in AAOS Now.
Blog Post 1 – “In my first day, I have already seen some of the most complicated orthopedic cases that I have ever seen in the entirety of my training ... The decision of who to take to surgery that day is made on morning rounds. Today, 7 patients were chosen to go to the OR...”

Blog Post 2 – “Today was another great day in Ethiopia. Between myself, the two Ethiopian residents, and another visiting American orthopedic surgeon we were able to get eight operations done today. I was primarily responsible for doing two girdlestone (hip) procedures.”

Blog Post 3 – “I have finished my first week working in Ethiopia. It has really been an incredible experience. The breadth and volume of orthopedic pathology here is astounding, yet it is matched by the energy and enthusiasm of the physicians and staff at the hospital, so that these diseases can be managed with very limited resources.”

Blog Post 4 – “In just three days this week, we have surgically treated four tibia fractures, a femur fracture, two hip fractures and a very bad injury to the upper arm with several fractures ... In clinic, we see a significant number of pediatric patients with deformity from broken bones that initially were not treated properly. This often comes as a consequence of the patient seeing a wogesha, or traditional Ethiopian healer, who does not provide the appropriate orthopedic care.”

Blog Post 5 – “One of the great things about my trip to date has been the number and diversity of people I have met in Soddo ... I have grown to know the Ethiopian surgical residents very well. There are two residents whose home program is in the capital (Addis Ababa). They rotate for 3 months at a time at Soddo ... The team atmosphere is very similar to the resident experience that we have at OIC/UCLA.
CADAVER LAB
The surgical skills component of Milestones is reached through practice in the dry labs, wet labs and operating rooms. In continuing to use Dr. Warwick Peacock’s Surgical Skills Lab, residents and fellows have the opportunity to practice their surgical and arthroscopy skills. In addition to our residency program, we have excellent postgraduate fellowship programs. In this upcoming year, we will be training two fellows in Orthopaedic Sports Medicine, two in Hand Surgery, and two in Physical Medicine and Rehabilitation. These trainees have completed their orthopaedic surgery residencies and have chosen to spend one year at UCLA for subspecialty training.

NOTHING LIKE A TRIP TO THE ZOO
Occasionally, the phone rings with an unusual request. In August 2014, a call came requesting orthopaedic assistance for a VIP patient at the LA Zoo. Jabari, a nearly 400-lb lowland gorilla, was not bearing any weight on his leg. Jabari’s older brother is the alpha male of the gorilla group, and it has been speculated that Jabari was thrown into the moat by his brother when he tried to ‘date’ his older brother’s girlfriends. The zoo team was out of answers, and figured it was time to reach out to get some outside expertise from UCLA. Dr. Nick Bernthal was enlisted to respond and headed down to the zoo empty-handed. As the zoo vets knew only that Jabari was "not bearing weight", Dr. Bernthal realized this was going to be a "game-time" decision of how to approach the problem. Dr. Bernthal called upon Dr. Devon Jeffcoat (UCLA Ortho ’09) to join the gorilla response team, along with Dr. Tad Kremen, fellow classmate of Dr. Bernthal’s in 2012, and they headed downtown to investigate. On arrival, they met face-to-face with Jabari and, with the help of zoo vets, sedated and examined the powerful animal. A good physical exam identified the problem -- a femur fracture. With the help of a cargo net and several zoo staffers, they carried Jabari up to the zoo health center, intubated him, and obtained xrays. Suspicions were confirmed and the diagnosis had been made. Now at the zoo with an intubated
lowland gorilla and a long oblique fracture of the tibia, Bernthal and Jeffcoat began to improvise. Knowing surgical equipment was step one, the team called several veterinarians in the downtown area to “borrow” surgical basics. Steven Bilbrey, D.V.M. and Kirk Wendelburg, D.V.M. from Animal Specialty Group answered the call. They offered drapes, gowns, retractors, basic surgical equipment, as well as an offer to come assist. The next step was getting implants. Dr. Bernthal has a long-standing relationship with the Synthes team who have provided implants for Dr. Bernthal’s research laboratory, so he reached out to them. They had a 5.5 locking LCP-DCP plate made for horses. With a plate bender and a little creativity, a plan was coming together. Within 90 minutes of making the diagnosis, Jabari was prepped and draped, and Drs. Bernthal and Jeffcoat were making the incision. With no c-arm or other intraoperative imaging, a lateral approach was chosen and the case was underway. The bulk of muscle was immense, but the femur was remarkably similar to those treated every day at UCLA. The fracture was reduced, lag screws placed, and the locking plate placed. Screws were placed up the neck by feel and the soft tissue was closed. Skin was closed with buried sutures given the uncertainty the team had for Jabari’s taste for suture tails. Jabari was taken to the “recovery room” and extubated uneventfully. Jabari is now 5 months post-op, back with his family, climbing trees and chasing female gorillas. This experience was a testament to the best of humanity and medicine. A team of zoo vets, UCLA orthopaedic surgeons, private surgical vets, zoo staff, and industry reps dropped everything to help save this beautiful, powerful animal. The team has reunited for monthly “rounds” at the zoo and Drs. Bernthal and Jeffcoat are enjoying bringing their families to meet their hairiest patient!
# Faculty and Division Reports

## FACULTY ROSTER

### Faculty and Division Reports

**Jeffrey Eckardt, MD**  
*Professor and Chair*

**Nelson SooHoo, MD**  
*Residency Program Director*

**Richard Bowen, MD**  
*Associate Residency Program Director*

**Frank Petrigliano, MD**  
*Associate Residency Program Director*

**Sharon Hame, MD**  
*Director of Medical Student Education Program*

### Foot and Ankle Surgery

- Nelson SooHoo, MD (Division Chief)
- Joan Williams, MD
- Lewis Zions, MD

### General Orthopaedics

- Peter Alexakis, MD
- Brad Aspey, MD
- Bruce Brown, MD, PhD
- Don Park, MD *(June 2015)*
- S. Andrew Schwartz, MD

### Hand Surgery

- Kodi Azari, MD
- Prosper Benhaim, MD (Division Chief)
- Casimir Dowd, MD *(August 2015)*
- John Lawrence, MD

### Joint Replacement

- Benjamin Bengs, MD
- Bruce Brown, MD, PhD
- Francis Cyran, MD
- Eric Johnson, MD
- James Luck, MD
- Bert Thomas, MD (Division Chief)

### Musculoskeletal Oncology

- Nicholas Bernthal, MD
- Susan Bukata, MD (Division Chief)
- Francis Cyran, MD
- Jeffrey Eckardt, MD

### Osteoporosis

- Susan Bukata, MD
- Aurelia Nattiv, MD
- Freda Hannafon, FNP-C

### Pediatric Orthopaedics/Orthopaedic Institute for Children

- Richard Bowen, MD
- James Luck, MD
- William Oppenheim, MD
- Anthony Scaduto, MD (Division Chief)
- Mauricio Silva, MD
- Lewis Zions, MD

### Pediatric Orthopaedics

- Richard Bowen, MD
- David Fish, MD, MPH (PM&R)
- Jae Jung, MD (PM&R)
- Don Park, MD *(June 2015)*
- Sina Pourtaheri, MD *(September 2015)*
- Anthony Scaduto, MD
- A. Nick Shamie, MD (Division Chief)

### Spine Surgery/PM&R

- Richard Bowen, MD
- David Fish, MD, MPH (PM&R)
- Jae Jung, MD (PM&R)
- Don Park, MD *(June 2015)*
- Sina Pourtaheri, MD *(September 2015)*
- Anthony Scaduto, MD

### Spinal Surgery

- John DiFiori, MD (Division Chief)
- Joshua Goldman, MD
- Eric Johnson, MD
- Kit Song, MD *(March 2015)*

### Sports Medicine

- Richard Bowen, MD
- Sharon Hame, MD
- Kristofer Jones, MD
- David McAllister, MD (Division Chief)
- Frank Petrigliano, MD
- Peter Veziridis, MD

### Sports Medicine & Non-Operative Orthopaedics

- John DiFiori, MD (Division Chief)
- Joshua Goldman, MD
- Aurelia Nattiv, MD
- Daniel Vigil, MD

### Trauma Surgery

- Benjamin Bengs, MD
- Eric Farrell, MD
- Devon Jeffcoat, MD
- Eric Johnson, MD (Division Chief)
- Kit Song, MD *(March 2015)*

### Wadsworth VA

- Bruce Brown, MD, PhD
- Francis Cyran, MD
- Sharon Hame, MD
- Eric Johnson, MD
- David McAllister, MD
- Frank Petrigliano, MD
- Nelson SooHoo, MD (Service Chief)
- Bert Thomas, MD
- Steven Zeitzew, MD

### Research Faculty

- John Adams, MD (Vice Chair of Research)
- Maria-Grazia Ascenzi, PhD
- Paul Bajaj, PhD
- Paul Benya, PhD
- Fabrizio Billi, PhD
- Daniel Boguszewski, PhD
- Pat Campbell, PhD
- Rene Chun, PhD
- Daniel Cohn, PhD
- Edward Ebramzadeh, PhD
- Denis Evseenko, MD, PhD
- Eileen Fowler, PhD, PT
- Luisa Iruela-Arispe, PhD
- Deborah Krakow, MD
- Timothy Lane, PhD
- Philip Liu, PhD
- Zhen Lu, PhD
- Karen Lyons, PhD
- Keith Markolf, PhD
- Sang-Hyun Park, PhD
- Bruno Peault, PhD
- Sophia Sangiorgio, PhD
- Fu-Wen Shen, PhD
- B. Chia Soo, MD
- Kang Ting, DMD
- Benjamin Wu, DDS, PhD
RESEARCH FACULTY

John Adams, MD, PhD
Maria-Grazia Ascenzi, PhD
Paul Bajaj, PhD
Paul Benya, PhD
Fabrizio Billi, PhD
Daniel Boguszewski, PhD
Pat Campbell, PhD
Daniel Cohn, PhD
Rene Chun, PhD
Edward Ebramzadeh, PhD
Eileen Fowler, PhD
Luisa Iruela-Arispe, PhD
Deborah Krakow, MD
Tim Lane, PhD
Philip Liu, PhD
Zhen Lu, PhD
Karen Lyons, PhD
Keith Markolf, PhD
Sang-Hyun Park, PhD
Bruno Peault, PhD
Sophia Sangiorgio, PhD
Chia Soo, MD
Kang Ting, DMD
Ben Wu, PhD
NEW UCLA FULL-TIME FACULTY
Since July 2014, we have welcomed the following new faculty members to our Department:

Deborah Krakow, M.D. (Connective Tissue Genetics)
Dr. Krakow is a member of our research faculty who began holding clinics in July. She completed her ob/gyn residency and is an alumni of our maternal-fetal and genetics fellowships at UCLA. She is also director of the International Skeletal Dysplasia Registry.

John Lawrence, M.D. (Non-Operative Hand)
Dr. Lawrence joined us in July 2014 after more than 30 years at Shriner’s Hospital Los Angeles. He completed his orthopaedic surgery residency at UCLA and hand surgery fellowship at the Los Angeles Orthopaedic Hospital.

Peter Vezeridis, M.D. (Sports Medicine Surgery)
Dr. Vezeridis joined us in August 2014. He completed his orthopaedic surgery residency at Harvard University and sports medicine and shoulder surgery fellowship at Massachusetts General Hospital / Harvard in 2013.

Brad Aspey, M.D. (General Orthopaedic Surgery)
Dr. Aspey joined us in September 2014. He completed his orthopaedic surgery residency at UCLA and sports medicine fellowship at the Andrews Institute in Pensacola, FL in 2014.

Joan Williams, M.D. (Foot and Ankle Surgery)
Dr. Williams joined us in September 2014. She completed her orthopaedic surgery residency at Northwestern University and foot and ankle surgery fellowship at the University of Washington, Seattle in 2014.

HARBOR-UCLA FACULTY
The orthopaedic surgery faculty at Harbor-UCLA, is led by Louis Kwong, M.D., who was given the position of Chairman and Program Director at Harbor-UCLA as well as Vice-Chairman of the UCLA Department of Orthopaedic Surgery. The faculty at Harbor-UCLA also have UCLA academic appointments and work with our orthopaedic surgery residents who rotate there. In addition, the Harbor-UCLA orthopaedic surgery residents rotate through our hospitals on the UCLA campuses. We welcome our affiliates into our Department:

Louis Kwong, M.D. (Joint Replacement)
Dr. Kwong completed his orthopaedic surgery residency at Harbor-UCLA and joint arthroplasty/adult reconstruction fellowship at Massachusetts General Hospital / Harvard.

Max Hoshino, M.D. (Orthopaedic Trauma)
Dr. Hoshino completed his orthopaedic surgery residency at Harbor-UCLA and orthopaedic trauma surgery fellowship at R. Adams Cowley Shock Trauma Center in Baltimore.

Jennifer Hsu, M.D. (Hand Surgery)
Dr. Hsu completed her orthopaedic surgery residency at SUNY Brooklyn and Mount Sinai Hospital and hand/microvascular surgery fellowship at the University of Washington, Seattle.

Kevin Rolfe, M.D. (Spine Surgery/Deformity)
Dr. Rolfe completed his orthopaedic surgery residency at Harbor-UCLA, spine surgery fellowship at Stanford-St. Mary’s and spine deformity fellowship at Kaiser Oakland.
INCOMING FACULTY IN 2015

In addition to the faculty mentioned prior, we have also hired on four new providers in early 2015 who will be joining us later in this new year:

Kit Song, M.D. (Pediatric Trauma Surgery)

Dr. Song joined our faculty in March 2015. He completed his internship at UCLA in 1986, and completed his residency and fellowship in pediatric orthopaedic surgery at the University of Washington, Seattle before serving as chief of staff at Shriners Hospital. He serves primarily in hospital administration but also helps with the pediatric trauma.

Don Park, M.D. (Spine Surgery/General Orthopedics)

Dr. Park will join our faculty in June 2015. He completed his orthopaedic surgery residency, followed by his spine surgery fellowship at Stanford University in 2012. Along with spine, Dr. Park will help with the VA and general orthopaedics as well.

Casimir Dowd, M.D. (Hand Surgery)

Dr. Dowd will join our faculty in August 2015. He graduated from the UCLA Department of Orthopaedic Surgery’s residency program, and completed his hand & upper extremity fellowship at the University of Washington. He will help with at the VA and will start an elbow arthroplasty program.

Sina Pourtaheri, M.D. (Spine Surgery)

Dr. Pourtaheri will join our faculty in September 2015. He completed his residency at the St. Joseph’s Regional Medical Center in New Jersey, and his spine surgery fellowship at the Cleveland Clinic in Ohio. Dr. Pourtaheri will help at the VA, set up a spine research program, and have his spine practice in Santa Monica.

Joshua Goldman, M.D. (Sports Medicine)

Dr. Goldman joined us in January 2015. He completed both his internship and residency in Family Medicine and completed his fellowship in Sports Medicine in 2014.

NEW JOINT APPOINTMENTS

Chia Soo, M.D. (Department of Surgery)

Dr. Soo completed her residency in plastic & reconstructive surgery in 2002 and has been extremely active in research pursuits. She received a grant to pursue osteoporosis research in space in 2014, as is when she offered a joint appointment in our department.

Leanne Seeger, M.D. (Department of Radiology)

Dr. Seeger completed her residency and fellowship in musculoskeletal radiology at UCLA in 1988 and has worked tirelessly with our faculty for almost three decades. She began her joint appointment in 2014.

Scott Nelson, M.D. (Department of Pathology)

Dr. Nelson completed his residency and fellowship in pathology and laboratory medicine at UCLA in 1994. He is relied on heavily by our department for his skill in his field and experience as a nationally renowned sarcoma expert. His joint appointment began in 2014.

Noah Federman, M.D. (Department of Pediatrics)

Dr. Federman completed his residency and fellowship in pediatric hematology/oncology in 2008. His role on our tumor board has proved pivotal, and he works closely with our oncology group. His joint appointment began in 2013.
INCOMING CHARLES DREW/MLK FACULTY
The following faculty members were onboarded in 2014 and will be providing orthopaedic surgery services out of the MLK Hospital in Downtown Los Angeles upon its reopening in 2015. The MLK faculty is chaired by Eleby Washington, M.D.

Eleby ‘Rudy’ Washington, MD  
Chair  
Pediatric/General Orthopaedics

Shaun Chandran, MD  
General

Julian Girod, MD  
Sports /General

Charles Herring, MD  
Sports /General

Jacqueline Lezine-Hanna, MD, MSPH

Randy O’Hara, MD  
Spine Surgery

Antoine Roberts, MD  
Sports /General

Don Sanders, MD  
Joint Replacement

Steven Schwartz, MD  
General Orthopaedics

Michael Slutzker, MD  
General Orthopaedics

Darryl Willoughby, MD  
Sports / Foot & Ankle
DIVISIONS

FOOT AND ANKLE SURGERY

In 2014, Dr. Joan Williams joined the Division of Foot and Ankle Surgery, founded by Andrea Cracchiolo III, M.D. in 1978, after she completed a foot and ankle fellowship at the University of Washington. She has developed an active practice treating the full range of foot and ankle pathology. Dr. Nelson SooHoo remains the Division Chief and was a co-author on the 2014 Roger Mann Award paper, "Multi-Center Prospective Comparison of PROMIS Physical Function CAT to Traditional Instruments for Foot and Ankle Disorders" given to the best clinical paper at the American Orthopaedic Foot and Ankle Society Annual Meeting. Dr. SooHoo was also a co-author on the 2015 John Charnley Award paper, “The Use of Patient Reported Outcome Measures to Predict Clinically Meaningful Improvement after THA” presented by The Hip Society.

GENERAL ORTHOPAEDICS

The General Orthopaedic Division is currently staffed by Peter Alexakis, M.D., Bradley Aspey, M.D., Bruce A. Brown, M.D. and S. Andrew Schwartz, M.D. On June 1st, Don Park, M.D. will join the general orthopaedic faculty on a split basis between spine and general orthopaedics. The service saw 8,985 patients over the last year with a total of 413 same-day or emergency visits seen in the general orthopaedic clinics alone. Drs. Aspey and Brown have been active in both the clinic and operating rooms. Dr. Aspey, who graduated from UCLA in 2013 and joined us in 2014, has been doing general and sports procedures and Dr. Brown does joints and general procedures. Early exposure to general orthopaedic patients has been afforded to our R-1 orthopaedic residents seeing patients in Dr. Brown’s clinic on a monthly rotating basis. The general orthopaedic division is working to reach out to the referring clinician with didactic sessions designed to help the referring physician with the evaluation and diagnosis of orthopaedic conditions. This will include appropriate treatment and referral criteria for management of orthopaedic injuries and conditions. We are advocating an open route of communication between the primary care physicians and our orthopaedic department. We look forward to another year of growth with the UCLA Department of Orthopaedic Surgery, David Geffen School of Medicine at UCLA and the UCLA Health System Faculty Practice Group.

HAND SURGERY

The UCLA hand surgery service, founded by Roy Meals, M.D. in 1979, is nationally recognized as one of the most successful truly integrated orthopaedic and plastic surgery hand surgery programs in the country. The hand service provides the full spectrum of hand surgery, including surgery for complex upper extremity reconstructions, tendon transfers, trauma, rheumatoid arthritis, compression neuropathies, congenital hand differences, scleroderma, Raynaud’s disease, elbow trauma/pathology, nerve injuries, Dupuytren’s contracture and tumors. The UCLA hand service performed the first hand transplantation in the Western U.S. under the direction of Dr. Kodi Azari, who has also performed the largest number of hand transplants in the U.S. The hand team covers the Ronald Reagan-UCLA Medical Center, UCLA Medical Center, Santa Monica, Wadsworth VA, Olive View-UCLA, and Los Angeles Shriners Medical Centers. The hand fellowship continues to be one of the most highly ranked fellowships in the country, with our
graduating fellows universally reporting an excellent training experience. **Prosper Benhaim, M.D.**, our hand surgery Division Chief, is pleased to welcome **Casimir Dowd, M.D. (UCLA Ortho ’14)** to the hand surgery division in August 2015. He will assist by building his own hand surgery clinic alongside Drs. Prosper Benhaim and **Kodi Azari**. In 2011, Dr. Azari was credited with assisting on the first hand transplant surgery in the western United States on a 26 year old woman.

**Operation Mend** is a program intended to provide military personnel from Iraq and Afghanistan with aid when returning with severe facial and other medical injuries. Both Dr. Azari and **Dr. Sharon Hame** took an active participation in the NYC Veterans Day March in 2014 with Operation Mend, alongside Shannon O’Kelley, COO at UCLA and Christopher Crisera, MD (plastic and reconstructive surgery), to provide for the hand surgery (Dr. Azari) and sports medicine (Dr. Hame) needs of the veterans, however several of our faculty offer their services on a regular basis.

**JOINT REPLACEMENT**

Joint Replacement at UCLA was begun by our founding Division Chief **Dr. Charles Bechtol** in 1959, who had an extensive experience in total hip, knee and shoulder prostheses. **Harlan Amstutz, M.D.**, then championed joint replacement research from 1971-1992 as Division Chief when orthopaedic surgery was still a division of general surgery. **Dr. Bert Thomas** is presently the Division Chief and is helped by **Dr. Eric Johnson** at the Ronald Reagan Medical Center, and **Drs. Ben Bengs, Francis Cyran, Bruce Brown**, and **Jim Luck** in Santa Monica. Anterior hip replacements are done at both Santa Monica Hospital and the Ronald Reagan Medical Center. In 2013, **Dr. Eric Johnson** was the recipient to the Chief Resident’s Mentor and Role Model award and is a master of the anterior approach for total hip replacement using the OSI HANA and PROfx tables at the RRUMC.

**MUSCULOSKELETAL ONCOLOGY**

The Division of Musculoskeletal Oncology was founded in 1975 by **Todd Grant, M.D.**, (Orthopaedics, 1940-1996) and led by now Department Chair **Jeffrey Eckardt, M.D. (UCLA Ortho ’79)** from 1980-2013. Dr. Eckardt’s expertise is in limb salvage surgery using endoprostheses. **Susan Bukata, M.D.** assumed the role of Division Chief in 2013. Other members of the division include **Francis Cyran, M.D.** and **Nicholas Bernthal, M.D. (UCLA Ortho ’12)**. The division is strongly aligned with **Noah Federman, M.D.**, pediatric...
A hematologist oncologist whose office is adjacent to the orthopaedic oncology offices at the Santa Monica Hospital to enhance collaboration, along with fellow affiliates Drs. Scott Nelson and Leanne Seeger. Our oncology program is part of a weekly multidisciplinary Tumor Board that includes a dedicated surgical pathologist, radiologist, medical oncologist, pediatric oncologist, thoracic oncologist, surgical oncologists, and our orthopaedic oncologists. Since the group began in 1990, more than 16,000 cases have been discussed. The weekly conference is attended with religious “fervor” as it greatly enhances and expedites patient care.

ORTHOPAEDIC SPINE SURGERY
The Division of Orthopaedic Spine Surgery was founded by Ed Dawson, M.D. (UCLA Ortho ’71) in 1972. Until his recent departure to USC, Dr. Jeffrey Wang (UCLA Ortho ’96) was the spine surgery Division Chief. Since 2014, Dr. A. Nick Shamie has held the position of Division Chief. We are happy to announce two new spine surgery specialists who will be joining us in the summer of 2015. Dr. Don Park and Dr. Sina Pourtaheri will establish practices at the Santa Monica Hospital, help cover the spine trauma at the Ronald Reagan Medical Center, and also restart our program at the VA. Drs. David Fish and Jae Jung are our PM&R faculty who work along the spine surgeons in our Spine Center doing interventional pain management as it relates to the spine and Drs. Anthony Scaduto (UCLA Ortho ‘02) and Richard Bowen (UCLA Ortho ’00) cover the pediatric spine needs. Three neurosurgeons specializing in the spine have joint appointments in orthopaedic surgery and also work out of the Spine Center, as well as share the spine trauma call: Drs. Langston Holly, Duncan McBride, and Daniel Lu. This team is dedicated to the ongoing teaching, research and the clinical care for all disorders of the spine.

OSTEOPOROSIS/METABOLIC BONE DISEASE
The osteoporosis program was started at UCLA in 1993 in collaboration with former Department Chair Joseph Lane, M.D. The program has now evolved into the UCLA Metabolic Bone Disease and Osteoporosis Center, which is led by Aurelia Nattiv, M.D., Professor in the Departments of Orthopaedic Surgery and Family Medicine, who has served as the Director for 20 years. Dr. Nattiv oversees the operation of the dual energy X-ray absorptiometry (DXA) with the UCLA Musculoskeletal Radiologists, in addition to directing the clinical services of the Center. She has received international recognition for her work in the area of bone health concerns in active and athletic young women with disordered eating and energy deficiency, amenorrhea and osteoporosis (the female athlete triad) and in management of stress fractures and other bone stress injuries. She has received funding from the American Medical Society for Sports Medicine and the UCLA Translational Science Institute and Research Laboratory for her current study assessing nutritional interventions and risk factor assessment for prevention and treatment of stress fractures. Dr. Nattiv has also participated in studies by the National Institute of Health (NIH) assessing risk factors for osteoporotic fracture in older women (the Leisure World Cohort Study), and studies evaluating optimal referral interventions for post-fracture patients. Additional members of the metabolic bone team include Susan Bukata, M.D., Freda B. Hannafon, F.N.P and John S. Adams, M.D.
The Osteoporosis Center provides a comprehensive service for patients with osteoporosis including diagnosis and treatment. These providers represent the fields of endocrinology, sports medicine, and orthopaedic surgery, and have expertise in metabolic bone diseases and geriatric fracture management. The metabolic bone team has also been working with Benjamin Bengs, M.D., and has launched a Fragility Fracture Program in 2014, with emphasis on those patients who have sustained hip fractures. Freda Hannafon F.N.P. serves as the Fracture Liaison Coordinator for this program.

The multidisciplinary program educates hip fracture patients about osteoporosis, and assists them with diagnosis and treatment in the efforts to prevent future fractures. The program is now expanding to all fragility fractures seen through the outpatient clinics. Center physicians work closely with other health professionals at UCLA to offer patients a full spectrum of health expertise. In addition to working closely with the patient’s primary care physician, the comprehensive team will often include a physical therapist who specializes in balance and fall prevention, occupational therapists who help patients with their activities of daily living, and dietitians who provide guidance in nutrition. Susan Bukata, M.D., Associate Professor of Orthopaedic Surgery, is an orthopaedic surgeon specializing in metabolic bone diseases and geriatric fracture care, as well as orthopaedic oncology. Dr. Bukata helped develop the geriatric fracture center algorithm from the University of Rochester that has become the best practices standard for inpatient fragility fracture care. She is a translational research specialist and has received the Oppenheimer pilot grant this year to study the use of anabolic agents in healing of osteoporotic related compression fractures of the spine. She was elected to the American Orthopaedic Association in 2013, as well as to the AAOS Committee on Tumor and Metabolic Bone Diseases, as well as the Political Action Committee, and Board Member for the International Geriatric Fracture Society. Her clinical practice in metabolic bone diseases includes not only classic osteoporosis patients, but also as children and adults with fragility fracture problems associated with genetic and developmental diseases such as osteogenesis imperfect, cerebral palsy, and the muscular dystrophies. Freda Hannafon, F.N.P., joined the Orthopaedic Surgery faculty in 2012, from the University of Rochester. Freda is a nurse practitioner with over 20 years experience in metabolic bone disease management and geriatric fracture care. In 2014 Freda spoke at the American Association of Nurse Practitioners Specialty & Leadership Conference on Osteoporosis: Diagnosis, Assessment and Management, as well as Post Fragility Fracture Management and Care. She also spoke on Bone Tumors at the National Association of Orthopaedic Nurse Congress.

**PEDiATRIC ORTHOPAEDiCS/OiC**

The Division of Pediatric Orthopaedic Surgery was founded by William Oppenheim in 1979. Orthopaedic Hospital, now known as Orthopaedic Institute for Children (OIC), joined the department in 2002 as part of the 1998 alliance of Orthopaedic Hospital and UCLA. They care for all our patients with pediatric orthopaedic disorders. In October 2014, OIC had the highest number of monthly patient visits in the entire 103-year history, which had been the case for 2013, and demonstrates nothing but more promise. The patients who make up the tremendous volume of clinic visits come to see the physicians in varying specialties, including cerebral palsy (William Oppenheim, M.D.), clubfoot (Lewis Zions, M.D.), sports medicine (Richard Bowen, M.D.), trauma (Mauricio Silva, M.D.), tumor (Nicholas Bernthal, M.D. and Francis Cyran, M.D.) scoliosis (Richard Bowen and Anthony Scaduto, M.D.) and pediatric hand (Katherine Au, M.D. and Joan Wright, M.D.).
multidisciplinary clinics offer unique comprehensive care for spina bifida, muscle disease, osteogenesis imperfecta, hemophilia and limb deficiency/amputation.

A skeletal dysplasia clinic opened last year. The Orthopaedic Hospital Research Center (OHRC) on the Westwood campus provides a fertile environment for our researchers and clinicians to innovate and collaborate in pediatric orthopaedic science. Our research program was among the top ten orthopaedic research enterprises funded by the National Institutes of Health and our scientists were well-published on an array of orthopaedic topics. Current research projects include: selective motor control in cerebral palsy, endoprosthesis reconstruction following tumor replacement, a natural history study of biomechanics in Duchenne muscular dystrophy, clinical trial for novel therapeutics in Duchenne muscular dystrophy, gaming technology to promote movement and enjoyment in children with severe cerebral palsy, and facilitation of ankle movement following clubfoot surgery using a remote controlled crib mobile.

Our Kameron Gait and Motion Analysis Laboratory, opened in 1995 with the recruitment of Eileen Fowler, Ph.D. as the director, has made large advances in our ability to treat patients with cerebral palsy, of which The Kameron Gait and Motion Laboratory is utilized for an in-depth understanding of movement for clinical care and research. The lab is staffed by a biomechanist, engineer, and research physical therapists. An 8 camera, three-dimensional, digital movement analysis system is used to collect motion data in real time. Additional equipment include a wireless electromyography system to quantify muscle recruitment patterns, a Biodex isokinetic testing device for strength assessment and exercise, an ankle robot to facilitation motor control and strength, and a Cosmed system to assess oxygen consumption during movement. Gait analysis is performed as a component of orthopaedic surgery planning for patients with cerebral palsy. In addition, OIC has become home to the International Skeletal Dysplasia Registry, through which they have managed to identify 33 unique genetic skeletal disorders. The International Skeletal Dysplasia Registry is a referral center for diagnosis and research on the skeletal dysplasias, a clinically and genetically diverse set of over 450 disorders. The Registry was established over 40 years ago and serves a national and worldwide community of healthcare providers and their patients, and is now housed and operates at UCLA in the Department of Orthopaedic Surgery. A primary activity of the Registry is reviewing radiographs and clinical information to determine the diagnosis in hundreds of cases referred to the Registry each year. In turn, the diagnoses then facilitate accurate genetic counseling and clinical care for the patients and their families. A product of these activities is the Registry database, with radiographs and clinical information on almost 20,000 cases, constituting a vast and deep resource of information on the characteristic radiographic features, the associated clinical findings and the natural history of these conditions. For many of the cases, the Registry
contains biologic material for genetic studies, and biochemical studies. One product of the Registry has been gene discovery. Our team and collaborators have delineated new skeletal disorders as well as identifying the molecular basis in many of these skeletal disorders. This information has facilitated better care, including improved genetic counseling and more informed clinical care for patients. We are proud of the UCLA & Orthopaedic Institute for Children partnership and the significant contributions our orthopaedic clinicians and scientists have made. We look forward to further advances that help children overcome their musculoskeletal injuries and disease.

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SPORTS MEDICINE

2014 was very exciting year for sports medicine. Drs. McAllister and Hame were co-recipients of the American Orthopaedic Society for Sports Medicine (AOSSM) O’Donoghue Award for their project entitled “Revision Anterior Cruciate Ligament Reconstruction Graft Choice Impact on Outcome in the MARS Cohort.” Peter Vezeridis, MD was recruited as a new faculty member to join our division. Peter was a Fulbright fellow from 2004-2005 and graduated from Brown Medical School in 2007. He completed a residency in orthopaedic surgery at the Harvard Combined Program in 2012. He completed a fellowship in sports medicine at the Massachusetts General Hospital in 2013. In addition, he completed fellowship training in shoulder surgery spending time with many European experts including Laurent Lafosse, Gilles Walch, and Christian Gerber in 2013-14. Our physicians continue to provide care for the UCLA athletic department and we continue to train specialists in our accredited sports medicine fellowship program.

Our biomechanics research group continues to study knee ligament injuries using a state-of-the-art robotic testing system. For the first time we had a high school student from Marymount High School complete a summer internship with our group.

(Pictured L-R): Marcia Greenberg, M.S., P.T., Evan Goldberg, Ph.D., Eileen Fowler, Ph.D., P.T., Kent Heberer, M.S., Loretta Staudt, M.S., P.T.

SPORTS MEDICINE/NON-OPERATIVE ORTHOPAEDICS

The division of Non-Operative Sports Medicine remains active in providing care on the sidelines with the Bruins, and also in research and national leadership roles. Highlights from 2015 include: John P. DiFiori, M.D. became the founding Division Chief of the Non-Operative Sports Medicine Division in 2010, and was recently named the Director of Sports Medicine for the NBA. His role with the league will include developing best practices related to injury prevention and management in conjunction with team medical
staffs, coordinating with team physicians on medical research projects, and reviewing the league’s health-related policies, and advising the league on training and sports science initiatives. In addition, he is Co-Investigator on the NCAA-Department of Defense Grand Alliance – Advanced Research Core (ARC), which employs advanced MRI and other technologies in studying the acute effects and natural history of recovery after sport-related concussion in collegiate athletes. This project is part of a national $30 million dollar grant program funded by the NCAA and DOD to study sports-related concussion. He was also the lead author on: “Overuse injuries and burnout in youth sports: a position statement from the American Medical Society for Sports Medicine.” Clin J. Sport Med. 2014, 24(1):3-20.  **Aurelia Nattiv, M.D.** was primary author in publication on “2014 Female Athlete Triad Consensus Statement on Treatment and Return to Play and 2nd International Conference held in Indianapolis, May 2013” published in the British Journal of Sport Medicine and Clinical Journal of Sport Medicine in 2014. She was also senior author on the publication, “High incidence of bone stress injury with increasing female athlete triad risk factors: A prospective multi-site study of exercising girls and women,” published in American Journal of Sports Medicine in 2014. In addition, she was a primary author of “Low bone density is higher in exercising women with multiple triad risk factors,” published in Medicine and Science Sports and Exercise in 2014.  **Daniel Vigil, M.D.** has been instrumental in developing the department’s electronic medical records system, overseeing it on a daily basis. In addition to his work at UCLA, Dr. Vigil is serving as consultant in informatics for medical centers across the country, and was recently appointed to the Steering Committee for the Special Olympics World Games to be held in Los Angeles in July 2015. Dr. Vigil has not only proved himself in our department since his hire in 2013, but has been the leading charge of our clinical health documentation system ever since its release and continual hospital-wide updates as our Physician Informaticist. UCLA Orthopaedic Surgery went live with the UCLA electronic health record, Epic CareConnect in November 2013. Since then, our department has adopted CareConnect as our system for documentation, medication, test and imaging ordering, as well as our system for billing and coding. Department specific optimizations have been completed which have contributed to the streamlining of our inpatient and ambulatory work flows. CareConnect has revolutionized the sharing of information between our 3 sites, Ronald Reagan Medical Center, Santa Monica Hospital & Orthopaedic Institute, and UCLA Spine Center.

**TRAUMA SURGERY**
The Division of Orthopaedic Trauma was founded by Division Chief **Eric Johnson, M.D., F.R.C.S.I. (Hon.)** (UCLA Ortho ’81) in 1982. He served as president of AO North America from 1996-2004 and was named an honorary trustee of the AO Foundation in June 2013. He became an honorary member of the Royal College of Surgeons in Ireland in 2009 as well as an honorary member of the German Trauma and the Argentina Orthopaedic Trauma societies. The Trauma Division includes **Devon Jeffcoat, M.D.** (UCLA Ortho ’09), and **Eric Farrell, M.D.** Together the three physicians cover orthopaedic trauma cases at the Ronald Reagan UCLA Medical Center and UCLA Medical Center, Santa Monica, as well as at Olive View UCLA Medical Center. A major step forward has been the acquisition of daytime block surgical time for Drs. Johnson and Jeffcoat at the Ronald Reagan Hospital, a level-2 trauma center, which has had an extremely positive effect for patients, doctors and residents.
**RECENT FACULTY HONORS/PUBLICATIONS**

**John Adams, M.D.**
1. Promoted to Distinguished Professor of Orthopaedic Surgery, Medicine and Molecular, Cell & Developmental Biology in the University of California system.
2. Principal Investigator and Founding Director of the California Institute of Regenerative Medicine UCLA-UC-Irvine Alpha Stem Cell Clinic Consortium.

**Maria-Grazia Ascenzi, Ph.D.**

**Brad Aspey, M.D.**
1. Applied Surgical Knee Anatomy Lecture given at the National Injuries in Football Course (San Destin, Florida 03/14)
2. Applied Surgical Elbow Anatomy Lecture given at the 32nd ASMI National Injuries in Baseball Course (Atlanta, Georgia 01/14)

**Kodi Azari, M.D.**

**S. Paul Bajaj, Ph.D.**
3. Bajaj SP. Methods and Compositions Related to Mutant Kunitz Domain I of TFPI-2. The US Patent Application 12/087,296 has been allowed and the issue fee was paid on 2/5/2015, so this patent will be issued in the next few weeks. This patent deals with a molecule that is being developed to be as an antifibrinolytic agent to prevent bleeding in cardiac bypass surgery and trauma.

**Benjamin Bengs, M.D.**
3. Jiang, Jie; Ituarte, Felipe; Shim, Dahae; Gupta, Varsha; Tran, Dang; Petrigliano, Frank; Bengs, Benjamin; Ting, Kang; Soo, Chia. NELL-1 protects articular cartilage from the effects of IL-1β induced arthritis in vitro. Orthopedic Research Society, New Orleans, 2014.

**Prosper Benhaim, M.D.**
1. Chair, Program Committee – American Society of Plastic Surgeons Annual Meeting Hand/Upper Extremity/Microsurgery sections.
3. Vesting professorships this year:
   - April 15-16, 2014; Stanford University Visiting Professor – Division of Plastic & Reconstructive Surgery; Palo Alto, CA
Nicholas Bernthal, M.D.
1. Awarded KL2 Grant through the NIH/CTSI. This 3 year career development award is $400k in support for salary and research to help young scientists develop an independent research program. Topic is implant infections and antimicrobial agents.
2. Established an Orthopedic Surgery Outreach Program in Soddo, Ethiopia for the Department of Orthopaedic Surgery. Establishing this outreach/exchange program included working on site, organizing institutional support, and obtaining a $100k philanthropic grant to support the effort.

Daniel Boguszewski, Ph.D.
1. Musculoskeletal Transplant Foundation (MTF) Junior Investigator Grant “Comparing Tension Board Versus In Situ Preconditioning of Allograft Tissue Used for Anterior Cruciate Ligament Reconstruction” Daniel Boguszewski, Ph.D. (P.I.), Keith Markolf, Ph.D. (co-investigator), David McAllister, M.D. (co-investigator).

Richard Bowen, M.D.
1. Named Co-Residency Education Coordinator for the Department of Orthopaedic Surgery.
2. Elected to active membership in the American Orthopaedic Association.

Susan Bukata, M.D.
1. Received Oppenheimer Pilot Grant in 2013 to study the use of anabolic agents in the healing of osteoporotic related compression fractures of the spine: developing a universal testing protocol.
2. Elected in 2013 to the American Orthopaedic Association.
3. Elected in 2013 to the AAOS Committee on Tumor and Metabolic Bone Diseases, as well as the Political Action Committee.

Patricia Campbell, Ph.D.

Daniel Cohn, Ph.D.
1. International Skeletal Dysplasia Registry has been relocated to UCLA under the direction of Drs. Deborah Krakow and Daniel Cohn. The Registry reviews skeletal dysplasia cases sent from throughout the United States and around the world and the materials in the Registry support patient-oriented research on skeletal disorders in the laboratory.
2. Collaborative research project on genetic skeletal disorders with Dr. Robert Pogue at the Catholic University of Brasilia. The project includes studying skeletal disorders present in Brazil and hosting students from Brazil to carry out laboratory research at UCLA.
3. A manuscript (Weinstein MM, Tompson SW, Chen Y, Lee B, Cohn DH. Mice Expressing Mutant Trpv4 Recapitulate the Human TRPV4 Disorders. J Bone Miner Res. 29:1815-1822, 2014) establishing a mouse model for disorders such as metatropic dysplasia that can be used for understanding the biology of the disorder and serving as a platform for developing treatments to inhibit the overactive calcium channel which produces these diseases.

John DiFiori, M.D.
1. Recently named the Director of Sports Medicine for the NBA. His role with the league will include developing best practices related to injury prevention and management in conjunction with team medical staffs, coordinating with team physicians on medical research projects, reviewing
the league’s health-related policies, and advising the league on training and sports science initiatives.

2. Co-investigator NCAA-Department of Defense Grand Alliance – Advanced Research Core (ARC), which employs advanced MRI and other technologies in studying the acute effects and natural history of recovery after sport-related concussion in collegiate athletes. This project is part of a national $30 million dollar grant program funded by the NCAA and DOD to study sports-related concussion.


Edward Ebramzadeh, Ph.D.
1. In December 2014, Sean Borkowski filed his Ph.D. dissertation in Biomedical Engineering at UCLA. All six years of his graduate studies were conducted in our Biomechanics laboratory, under the guidance and mentorship of the Edward Ebramzadeh, PhD and Sophia Sangiorgio, PhD, with additional involvement of other JVL Faculty as well as clinical pediatric surgeons and fellows. Sean’s PhD dissertation focused on cadaveric models to simulate corrective surgeries for spine deformities in adolescents. To date, his studies have resulted in 16 peer-reviewed publications, and several others still under review or in-press.

2. Ebramzadeh, E., Campbell, P.A., Tan, T., Nelson, S.D., Sangiorgio, S.N., “Can Wear Explain the Histological Variation around Metal-on-Metal Total Hips?” Clin Orthop Relat Res. 2014 Aug 21. [Epub ahead of print] This paper was initially presented at the Hip Society, and was additionally showcased in the AAOS Newsletter to all members when it was published in CORR in August.


Jeffrey Eckardt, M.D.


3. Visiting Professor and Lecturer, U.C. Davis Graduation, University of California, Davis. 2014.

Eric Farrell, M.D.


Eileen Fowler, Ph.D., P.T.


3. Voted second vice president of the American Academy of Cerebral Palsy and Developmental Medicine and will be President in 2016.

Sharon Hame, M.D.


Luisa Iruela-Arispe, Ph.D.

Devon Jeffcoat, M.D.
1. Performed lumbar fracture repair on 300-lb gorilla from the Los Angeles Zoo along with Dr. Bernthal. October 2014.

Eric Johnson, M.D.
2. Election as Honorary Trustee, AO Foundation, June 2013.

Kristofer Jones, M.D.
1. Elected to American Orthopaedic Association Emerging Leader Program (June 2014)
2. to attend the AAOS/OREF/ORS Clinician Scholar Development Program (May 2014)

Deborah Krakow, M.D.
1. Research received a U grant from the NIH to be one of six sites participating in the Brittle Bone Disease Research Consortium studying osteogenesis imperfecta. This study includes a clinical trial of newer treatment modalities for brittle bones.
2. Opened a Musculoskeletal Dysplasia Genetic Clinic in our Orthopaedic Surgery Clinic to see patients with skeletal dysplasia, connective tissue disorder such as Marfan and Ehler-Danlos syndrome, as well as limb deficiencies syndromes.
3. Identified numerous different genes at are responsible for skeletal cilia disorders, opening up the opportunity to study the role of cilia in skeletal tissues.

Zhen Lu, Ph.D.

Karen Lyons, Ph.D.
1. Section Editor, Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism, 8th Edition. This is the field-leading reference on bone and mineral health.
2. Regular member: Skeletal Biology: Structure and Regeneration Study Section, National Insitutes of Health

David McAllister, M.D.
2. Research Grant: Frank A. Petrigliano, MD (P.I.), Denis Evseenko, MD, PhD Co-I), Benjamin M. Wu, DDS, PhD (Co-I), David R. McAllister, MD (Mentor/co-investigator) Musculoskeletal Transplant Foundation, Career Development Award “Evaluation of Structural Fibroblasts and Ligament Stem Cells for Tissue Engineering of the Anterior Cruciate Ligament” Project Period: 02/01/2014-01/31/2017 Total Award: $300,000

Aurelia Nattiv, M.D.
1. Awarded the American Medical Society for Sports Medicine (AMSSM) Foundation Grant Award for research annually for the last 2 years on “Prevention of Stress Fractures and Bone Stress Injuries through Risk Stratification and Nutritional Intervention in Male and Female Distance Runners”
2. Awarded funding from the UCLA Clinical Translational Science Institute for 3 years for same research project as above on stress fracture prevention and treatment research and the Female Athlete Triad
3. A primary author in publication on “2014 Female Athlete Triad Consensus Statement on Treatment and Return to Play of the Female Athlete Triad” published in the British Journal of Sport Medicine and Clinical Journal of Sport Medicine in 2014

William Oppenheim, M.D.

1. Lifetime Achievement Award, American Academy for Cerebral Palsy and Developmental Medicine, Austin, TX, 2015
3. Oppenheim, SL. Team Approach to Cerebral Palsy (Keynote Speaker), META USAID Conference, San Salvador, El Salvador, October 21, 2014

Sang-Hyun Park, Ph.D.

3. More than 150 cases analyzed in continuation of work on ASR and Pinnacle retrieved hip prosthesis analysis.

Bruno Peault, Ph.D.


Frank Petrigliano, M.D.

2. Received a 3-year $300,000 Musculoskeletal Transplant Foundation (MTF) Career Development Award (PI) to study the use of ligament progenitor cells for ligament tissue engineering. Co-investigators: Denis Evseenko, MD, PhD (Co-I), Benjamin M. Wu, DDS, PhD (Co-I), David R. McAllister, MD (Co-I/Mentor).
3. Co-I with Denis Evseenko (PI) and Bruno Peault (Co-I), received a $1,146,468 CIRM grant studying the survival and countering hypertrophy of PSC-derived chondrocytes for cartilage repair.

Sophia Sangiorgio, Ph.D.


Anthony Scaduto, M.D.

Nick Shamie, M.D.
1. Presenting research work at ORS on our newly discovered progressive laminar thickening as the cause of lumbar stenosis.
2. Published two manuscripts in SPINE and TISSUE ENGINEERING on novel design for lumbar disc arthroplasty and chondrogenic regeneration on a 3D printed scaffold.
3. Continued multidisciplinary collaboration at the spine center and was awarded top three designation among university spine programs in the US with the lowest infection, readmission and mortality rates.

Fu-Wen Shen, Ph.D.

Mauricio Silva, M.D.

Chia Soo, Ph.D.

Nelson SooHoo, M.D.
1. Expanded the division with the hiring of Joan Williams MD.

Peter Vezeridis, M.D., M.M.S.

Daniel Vigil, M.D.
1. Merit Increase to Health Sciences Associate Clinical Professor, Step II to be effective July 1, 2015.
2. Epic EHR certified Advanced Physician Content Builder.

Joan Williams, M.D.

Lewis Zions, M.D.
Alumni List

Class of 2014: Drs. Neal Berger, Casimir Dowd, David Lee, Matthew Niesen, Jonathan Pribaz, Jeffrey Wong

Class of 2013: Drs. Bradley Aspey, Nikita Bezrukov, Roberto Diaz, Jared Johnson, Jeremy Reid, Alan Zhang

Class of 2012: Drs. Nicholas Bernthal, Paul Celestre, K. Locky Chambers, Mark Elzik, Thomas (Ted) Kremen, Daniel Le

Class of 2011: Drs. Joshua Bales, Brent Berger, Adam Bier, Michael Eagan, Lucie Krenek, April Ligato, Hillard (Theo) Spencer

Class of 2010: Drs. Chukwunenye Osuji, Samuel Park, Payam Moazzaz, George Oji, Eugene Farng, Scott Crow

Class of 2009: Drs. Anna Cuomo, Carlos Gonzalez, Devon Jeffcoat, Rajeev Pandarinath, Frank Petrigliano, Shail Vyas

Class of 2008: Drs. William Carroll, III, Dara Chafik, Augustine Conduah, Alexander Hughes, Scott Mitchell, Miguel Sandoval, Charles Young

Class of 2007: Drs. Kimberley Caputo, Brian Feeley, Jason Freedman, Wellington Hsu, Yekaterina Karpitskaya

Class of 2006: Drs. Seth Gamradt, Katherine Gray, Eric Lin, Eon Shin, Samir Tejiwani, Yi-Meng Yen

Class of 2005: Drs. Kent Jackson, Craig Kuhns, Brett Peterson, Jonathan Roper, Stephen Struble, Peter Whang

Class of 2004: Drs. Ethan Alpern, Elliot Carlisle, Jason Dragoo, Yu-Po Lee, Rod Payman, Brian Rudin

Class of 2003: Drs. Nitin Bhatia, Mark Davies, Gary Ghiselli, Daniel Oakes, Ben Pradhan, Jason Zemanovic

Class of 2002: Drs. Travis Hanson, Tze Ip, Stephen Nuccion, Anthony Scaduto, Michael Shepard, Stephen Timon

Class of 2001: Drs. Richard Bowen, Matthew Geck, Kambiz Hannani, John Nassar, Edward Sun, Erik Zeegen

Class of 2000: Drs. Janet Baker, Aaron Daluiski, Brent Davis, Mohammed Etminan, Paul McDonough, Manish Patel

Class of 1999: Drs. Hugh Bassewitz, Joshua Hatch, David Rogers, Roger Sun, James Ushiba, Warren Yu


Class of 1997: Drs. Andre Gazdag, Mark Henry, Michiyuki Kono, Edward (Ted) Riley, Jr., Benjamin Tamm, Gary Zohman

Class of 1996: Drs. Eric Freedman, Robert Kay, Vivek Kushwaha, Julie Melchior, J. Scott Smith, Jeffrey Wang


Class of 1994: Drs. Bruce Dragonier, Gregory Chow, Craig Davis, Karen Johnston-Jones, Jeffrey Spychalski, Michael Wall

Class of 1993: Drs. David Hillsgrove, James Lubowitz, William Luetzow, Joe Minchew, Alan Moelleken, Edward (Ted) Parks, Marc Safran

Class of 1992: Drs. Areesak Chotivichit, Emil Dionysian, James Gebhard, Raymond Severt, Peter Romano, Tom Thomas

Class of 1991: Drs. Gregory Duncan, Tadashi (Ted) Funahashi, Kurt Larson, Robert Namba, James Nugent, William Pfeiffer, Lawrence Shin


Class of 1988: Drs. David Fisher (deceased), David Grauer, George Lian, Stephen Timothy Mar, Shoemaker, John Skubic

Class of 1987: Drs. Donald Hales, Richard Kahmann, Daniel Kaplan, Paul Nottingham, Tye Ouzounian, Robert Wilson

Class of 1986: Drs. Robert Audell, Brian Carney, Rick Delamarter, Richard Feldman, Thomas Grogan, Gregory Hanker, Riyaz Jinnah
Class of 1985: Drs. J. Randall Davis, Steven Ma, Richard Marder, Steven Schopler, Steven Silbart

Class of 1984: Drs. Michael Bayer, Scott Graham, Gregory Koski, Kirk Lewis, Edward Littlejohn, Bert Thomas

Class of 1983: Drs. Lesley Anderson, Wayne Christie, Timothy Clader, Steven Gausewitz, Leslie Kim, John Rollins

Class of 1982: Drs. Allan Delman, Richard Ferkel, Humberto Galleno, Frederic Nicola, Thomas Roberts


Class of 1980: Drs. David Bowes, Lynn Cooman, Adrian Graff-Radford, Matthew Lotysch, Andrew Shaffer

Class of 1979: Drs. Jeffrey Eckardt, Kevin Ehrhart, Jack Purdy, Roderick Smith (deceased 1977), Henry Tanz, Bruce Watanabe

Class of 1978: Drs. Maximo Matos, William Parker, Thomas Pojunas, Allen Richardson (deceased 2003), Norman Sprague III (deceased 2014), George Thompson

Class of 1977: Drs. Hans Anderson, Marc Friedman, Larry Herron, Kenton Horacek, John Moreland


Class of 1975: Drs. Ronald Lamb (deceased), Joseph Mensch, Ronald Perelman, Dennis Sakai

Class of 1974: Drs. Zaven Bilezikjian, Robert Cassidy, Lawrence Guinney, Benjamin Lesin

Class of 1973: Drs. Warren Harding, Robert Irving

Class of 1972: Drs. Michael Hirsch, Kenneth Lay, David Schurman

Class of 1971: Drs. Tom Darrah, Edgar Dawson (deceased 2003), James Gray

Class of 1970: Dr. William Loscher

Class of 1969: Drs. Jerrold Goldman, Mark Wellisch

Class of 1968: Drs. David Culton, Mark Hamerling
Alumni News and Events

Brian Feeley, M.D. (UCLA Ortho ’07) received the Kappa Delta Young Investigator Award in 2014 for his work on the development of muscle atrophy and fatty infiltration in massive rotator cuff tears. He and Alan Zhang, M.D. (UCLA Ortho ’13) were featured in the September 2014 issue of Clinical Orthopedics and Related Research as authors of the published article entitled, “Hospital Readmissions After Treatment of Proximal Humerus Fractures: Is Arthroplasty Safer than Open Reduction Internal Fixation?”

Jeffrey Eckardt, M.D. (UCLA Ortho ’79) was the Invited Lecturer and Keynote Speaker at UC Davis in June 2014 for the Department of Orthopaedic Surgery’s Annual Academic Day and Graduation Events. The Department is now led by Chair Rick Marder, M.D. (UCLA Ortho ’85). At the Alumni Reception held on June 19, 2014, they also met up with Kirk Lewis, M.D. (UCLA Ortho ’84).

In addition, congratulations to Richard Bowen, M.D. who is our Department’s newest member of the American Orthopaedic Association (AOA) Class of 2014.
Dr. Steven Zeitzew (center) was awarded the “Chief Resident Faculty Award,” which was given to the faculty who the residents felt provided the best teaching and mentorship during their residency. Pictured with graduating chief resident class of 2014.

L-R: Dr. Anthony Scaduto, Dr. Sharon Stevenson, Dr. Francis Cyran, and Dr. Gerald Finerman.

Dr. Jeffrey Eckardt (left) presenting to guest lecturer, Dr. David Lewallen, his plaque.

Former OIC President James Luck, MD, and wife, Mary.
Drs. Eric Johnson (left) and Jeffrey Eckardt (right).

The courtyard of Fowler Museum.

The Orthopaedic Oncology Division, L-R: Francis Cyran, MD, Susan Bukata, MD, Jeffrey Eckardt, MD, Nicholas Bernthal, MD

Drs. Seth Gamradt (left) and Jeffrey Eckardt (right).

Drs. Kristofer Jones (left) and Nicholas Bernthal (right).

Reception at the Fowler Museum.
Dr. Mauricio Silva (Associate Program Residency Director), Kathryn Bauer (Peds Fellow), and Dr. Anthony Scaduto (Vice Chair and President of OIC).

L-R: Dr. Nelson SooHoo (Residency Program Director), and PGY1 class of 2019: Drs. Rafael Buerba Siller, Stephen Zoller, Evan Vellios, Paul Yang, Howard Park, Gina Mosich.

New faculty: Drs. Joan Williams (left) of Foot & Ankle Surgery and Peter Vezeridis (right) of Sports Medicine Surgery.

L-R: Dr. Nelson SooHoo with PGY2 residents Drs. Eli Kupperman and Elizabeth Lord.
In Memoriam
Norman Frederick Sprague III, M.D.
1947-2014

Dr. Norman Sprague was born in Los Angeles, California on September 1, 1947. He attended Harvard School (now Harvard-Westlake) through 1967, and, following his graduation from the University of California, Santa Barbara, pursued his Medical Doctorate from UCLA, which he received in 1973. He remained at UCLA through his residency in orthopaedic surgery and developed his skill in arthroscopic surgery over decades, going on to become chairman of the International Seminar on Operative Arthroscopy, sponsored by the UCLA Extension for a total of 14 years from 1979-1992, a founding member and director of the Arthroscopy Association of North America, and a director for the medical journal *Arthroscopy*. In 1977 he married his wife, Marianne, with whom he enjoyed 36 years and six children. While he discontinued his orthopaedic surgery clinic in 1995, Dr. Sprague maintained an active relationship with his academic pursuits. He served as a trustee for a number of boards over the course of 23 years, and continued to serve in a managing partnership with two separate private investment organizations, as well as holding an Assistant Clinical Professorship at UCLA. He was the recipient of several prestigious awards, such as the National Excellence in Education Award for his course in Operative Arthroscopy at the UCLA Extension. Though his skill in orthopaedic surgery led to a long medical career, Dr. Sprague’s other great passion was the outdoors. He was a grand appreciator of any activity enjoyed in nature, and even received his pilot’s license to take to the skies. During his life, he was known to be a kind and gentle man. Despite so many accomplishments during his medical and professional career, he was never noted to speak out about them. He was known for his wisdom, gentleness, modesty, generosity, and philanthropic contributions. We will all miss our friend and colleague.
In Memoriam

Residents

Robert Watanabe, M.D. (1992)
Class of 1960

Roderick Smith, M.D. (1977)
Class of 1979

Class of 1971

Jan Stehlik, M.D. (1983)
Class of 1981

Ronald Lamb, M.D.
Class of 1975

David Fisher, M.D.
Class of 1988

Class of 1978

Class of 1989

Norman Sprague III, M.D. (2014)
Class of 1978

Kevin Armstrong, M.D. (2005)
Class of 1998

Faculty

Founder, Bone Morphogenetic Protein Lab 1952
UCLA Orthopaedic Surgery Faculty 1952-2001

Founding Division Chief 1957-1970
UCLA Orthopaedic Surgery Faculty 1957-1970

Founder, Orthopaedic Spine Program 1972
UCLA Orthopaedic Surgery Faculty 1972-2003
Class of 1971

Todd Grant, M.D. (1996)
Founder, Orthopaedic Oncology Program 1975
UCLA Orthopaedic Surgery Faculty 1973-1978
Acknowledgements

I would like to thank my administrative team for all of their work in the department, which without their involvement, would never function as well as it does. My ‘board of directors’ consists of the following individuals:

Tonya Allen, CAO/CFO, who handles not only the all of the managerial duties pertaining to her Chief Administrative Officer title, but also deals with all of the department budgets and finances.

Tina Nguyen, Director of Business Operations, keeps up detailed maintenance of the department at the clinic level and manages anything not nailed down, as well as most of what is.

Dr. Bill Oppenheim has proved over several decades that he is one of my closest and deeply appreciated friends, as well as a trusted advisor to me over the years as chairman at UCLA.

Connie Sams, Medical Education Coordinator, has helped with the bringing in, managing, and raising of all of our incoming residents over the years, several of whom went on to join our faculty.

Ashley Lucia is my new academic assistant as of late this past year, and takes great care in making sure all that comes through my own and the other administrative offices is handled properly.

Jaclyn Cohen was my academic assistant since 2011, and recently left the department with my sincere good wishes; we all thank her for her tremendous skill and excellence in what she did while at UCLA.
Philanthropy
Donors to the Orthopaedic Department / Resident Education
Alumni, Faculty, Friends
(Since July 2010)

Residents
Norman Sprague, M.D., Class of 1978
Gregory Koski, M.D., Class of 1984
Andre Gazdag, M.D., Class of 1997
Stephen Timon, M.D., Class of 2002
Dan Oakes, M.D., Class of 2003
Hillard “Theo” Spencer, M.D., Class of 2011
Jeffrey Eckardt, M.D., Class of 1979/Faculty
Tye Ouzounian, M.D., Class of 1987
David Boardman, M.D., Class of 1998
Mark Davies, M.D., Class of 2003
Brian Feeley, M.D., Class of 2007
William Loscher, M.D., Class of 1970

Annual Loupes Donation
Each year, the former graduating residency class, upon completing their fellowship training, donates loupes to the new R2 residents.

Class of 2012:
Nicholas Bernthal, M.D.
K. Lauchlan (Locky) Chambers, M.D.
Thomas (Tad) Kremen, M.D.
Paul Celestre, M.D.
Mark Elzik, M.D.
Daniel Le, M.D.

Faculty and Friends
Bill and Joy Appleby, Friends
Benjamin Bengs, M.D., Faculty
The Chung Charitable Foundation, Friends
Dr. Sunanda Chatterjee, Friends
Joaquin Fuster, M.D., Friend
Theo and Wendy Kolokotrones, Friends
Gene and Maxine Rosenfeld, Friends
The Elizabeth Foundation, Friends
Margot and Thomas Barron, Friends
Donald and Nancy de Brier, Friends
Dr. Taposh Chatterjee and
Gerald Finerman, M.D., Faculty
Walter Jennings, M.D., Friend
William Oppenheim, M.D., Faculty
William Swanson, M.D., Friend

TAX-DEDUCTIBLE DONATIONS
Our philanthropy efforts have doubled since 2010 and we encourage you to please donate in support of our education programs. To donate online: giving.ucla.edu/orthopaedicsurgery.

We also have a section in our bulletin for Alumni news and ask that you send us pictures and updates of how you’re doing, including honors, awards and exciting announcements, for future bulletins. It is also our hope that you will all keep in touch and come to visit us if in Los Angeles. Please help us strengthen our Alumni network by updating your contact information at www.ortho.ucla.edu/alumni.

By Mail or In Person:
Please see Pledge Form inside bulletin and make checks payable to: The UCLA Foundation.

Contact:
Kathleen Lago, Director
UCLA Health Sciences Development
(310) 206-3079
klago@support.ucla.edu