I welcome you to the 2014 AAOS UCLA/OH Alumni Reception and hope that you enjoy this 4th addition of our Alumni Bulletin. I thank Dr. Seth Gamradt (UCLA residency class of 2006) who conceived of our first edition in 2011 and continued with the 2nd and 3rd editions in 2012 and 2013. I credit Jackie Cohen, my academic assistant, for completing last year’s edition and for producing this year’s as well.

In the last 3 years we have started resident rotations at Olive View Medical Center, Kaiser Panorama City and, this year, an international rotation in Ethiopia with Dr. Nick Bernthal (UCLA residency class of 2012 and now Assistant Professor) and Dr. Casimir Dowd (UCLA residency class of 2014) as the inaugural participants. In 2012 we moved most of the faculty to the new Santa Monica Hospital and opened up a combined orthopaedic and neurosurgical spine center in Santa Monica, in addition to further integrating ourselves with our Alliance partner, the Los Angeles Orthopaedic Hospital, now referred to as the Orthopaedic Institute for Children. Twelve new full time faculty members have been added to the Department and eleven new community faculty members have been added to man the new Martin Luther King Hospital that will open in 2015. Photos of all new faculty are displayed within the bulletin.

In 2011 the residency passed a 5-year accreditation review without any citations, awarded to only 3% of orthopedic programs by the RRC, and Dr. Kodi Azari, with substantial help from Drs. Prosper Benhaim and Scott Mitchell (UCLA residency class of 2009), performed the first free tissue hand transplant.

We measure our commitment to research in many ways and one is by the amount of NIH principal investigator (PI) funding we receive. In 2010 we ranked 14th among all orthopaedic programs. In 2011 we rose to 8th, in 2012 we increased to 7th and this year we ranked 6th in the nation among all orthopaedic programs with $2,707,227. Adding in the NIH funding we have as co-PIs, we have $15 million. If you factor in the non-NIH funding and industry support, the total research funding for the Department is over $24 million (see graph on next page). The credit for the NIH funding goes to Dr. John Adams, Vice Chair of Research and Director of the Orthopaedic Hospital Research Center, along with his team which includes Drs. Karen Lyons, Dan Cohn, Deborah Krakow, Denis Evseenko, Martin Hewison, Phil Liu, and Chia Soo to name only a few. We also acquired Dr. Krakow’s International Skeletal Dysplasia Registry, almost a national treasure, from Cedars-Sinai Medical Center. Further, Dr. David McAllister has spearheaded the resurgence of the biomechanics laboratory. We brought back Dr. Keith Markolf from retirement to help supervise the program, purchased a robotic testing device, and recruited Dr. Daniel Boguszewski. The Biomechanics Robotic Testing Facility opened in January 2013.

Dr. Gerald Finerman became Emeritus in July 2013. During his 42 years of service he shepherded 85 UCLA athletic teams to an NCAA Division I National Championship. After years of frustration we finally have daytime
block time for our trauma cases at the Ronald Reagan UCLA Medical Center so the number of middle of the night trauma surgeries has been greatly reduced. In November 2013 we also successfully went live with the implementation of UCLA's electronic medical record system, Care Connect.

Our philanthropy efforts have doubled and we encourage you to please donate in support of our education programs. Donations can be made online at [giving.ucla.edu/orthopaedicsurgery](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 my 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](www.ortho.ucla.edu/alumni).

Sincerely yours,

Jeffrey J. Eckardt, M.D.
Professor and Chair, Department of Orthopaedic Surgery
The Helga and Walter Oppenheimer Chair of Musculoskeletal Oncology
David Geffen School of Medicine at UCLA
10833 Le Conte Avenue, 76-143 CHS
Los Angeles, CA 90095-6902
Phone: (310) 794-7930
Fax: (310) 794-0021
jeckardt@mednet.ucla.edu

---

### OHRC Funding

<table>
<thead>
<tr>
<th>Year</th>
<th>NIH Other</th>
<th>NIH (as PI)</th>
<th>Foundation</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-11</td>
<td>$4.8 Million</td>
<td>$1,000,000</td>
<td>$600,000</td>
<td>$6,400,000</td>
</tr>
<tr>
<td>2011-12</td>
<td>$5.4 Million</td>
<td>$1,500,000</td>
<td>$600,000</td>
<td>$7,500,000</td>
</tr>
<tr>
<td>2012-13</td>
<td>$5.6 Million</td>
<td>$1,600,000</td>
<td>$600,000</td>
<td>$8,800,000</td>
</tr>
</tbody>
</table>
A Message from OIC President and CEO Anthony A. Scaduto, M.D.:

The alliance between UCLA and the Los Angeles Orthopaedic Hospital began in 1998 and creates a platform for unparalleled contributions to patient care and scientific discovery in orthopaedic surgery and musculoskeletal medicine. We strive to be the destination for satisfied patients, world-class faculty, and inquisitive students by creating a new standard of musculoskeletal care for the 21st century.

2013 was a special and eventful year. To highlight our focus on children and our mission-excellence in care, education and research, we changed our name from the Los Angeles Orthopaedic Hospital to the Orthopaedic Institute for Children (OIC). We also recruited exceptional faculty, improved our consistently high patient satisfaction scores, upgraded our buildings and grounds, launched a $10M campaign for the construction of an Ambulatory Surgical Center (ASC), and saw our ranking in U.S. News & World Report catapult. In fact, no other pediatric orthopaedic program in the nation improved its ranking as much as did UCLA & Orthopaedic Institute for Children.

The unique alliance of UCLA and OIC benefits from integrated leadership. As Chairman of the Department, Dr. Jeffrey Eckardt serves on the Board of Directors of OIC and the Executive Medical Board in Santa Monica. Dr. Anthony Scaduto leads the Orthopaedic Institute for Children as the President and CEO and also serves as the Executive Vice Chair of the Department. Dr. James Luck is the emeritus CEO of Orthopaedic Hospital and Director of the Orthopaedic Surgery Residency Program while Dr. John Adams is the Vice Chair of Research and leads the Orthopaedic Hospital Research Center.

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
430 West Adams Boulevard
Los Angeles, CA 90007
Phone: (213) 742-1122
Fax: (213) 742-1435
tscaduto@mednet.ucla.edu
Marshall R. Urist, M.D. (1914-2001) was an internationally-renowned leader in the field of orthopaedics as a clinician, scientist, surgeon, writer and editor whose contributions were legendary. Born in Chicago in 1914, he grew up on a small farm in South Haven, Michigan. In 1936 he received his B.S. from the University of Michigan and then his Masters of Science from the University of Chicago in 1937. He received his M.D. from the Johns Hopkins University in 1941 and completed his surgical internship at the Johns Hopkins Hospital. It was in Baltimore that he met Alice Elizabeth Pfund and after a three-year courtship, with the permission of the Dean of the Medical School (a common practice and necessity of the times), they were married upon graduation. He then entered the orthopaedic residency at the Children’s Hospital in Baltimore. Enlisting in the U.S. Army Medical Corps, Dr. Urist joined the war effort in 1943. Among other assignments he served with General George Patton’s armored corps in England, France and Germany as part of the 802nd Hospital Group and the 97th General Hospital Division. In 1945 he was assigned to the Pentagon. There in the Headquarters of the Surgeon General he was tasked to record the surgical advances made in World War II. He and Mather Cleveland co-authored the book *Orthopaedic Surgery in World War II in the European Theater of Operations*, a treatise on the management of compound fractures of the lower extremity. For these efforts Dr. Urist received the Sir Henry Welcome Award for a Major Advance in Military Surgery in 1947. He also received a Bronze Star and two special citations from General Leonard Heaton and General Dwight D. Eisenhower.

Upon departure from active duty, Dr. Urist became a senior resident in surgery at the Massachusetts General Hospital. He completed his training with a fellowship at the Boston Children’s Hospital in orthopaedic surgery where the emphasis was on the management of poliomyelitis. In 1948 he returned to The University of Chicago as an Instructor and Research Associate in the Department of Physiology, studying and publishing papers with Dr. Franklin McLean, his mentor, on calcification and ossification in fracture healing. In 1950 along
with co-authors Drs. Budy and McLean, Dr. Urist received his first Kappa Delta award for his studies on the effect of estrogen on bone formation. Then in 1955 he and Dr. McLean published the first of three editions of *Bone: An Introduction to the Physiology of Skeletal Tissue*.

In 1952 Dr. Urist joined the UCLA faculty as an Assistant Clinical Professor, and was ultimately promoted to Adjunct Professor in 1977, a capacity he served in until his death in 2001. At UCLA Dr. Urist was initially commissioned by the U.S. Atomic Energy Commission to research strontium 90, tetracycline and the treatment of osteogenic sarcoma. He founded what was to become the UCLA Bone Morphogenetic Protein (BMP) Laboratory and worked the remainder of his career to isolate and identify an induction substance for bone. In 1965 he reported in *Science*: “Bone: Formation by Autoinduction.” This paper not only sparked widespread research into bone re-growth, but was also acknowledged in 1997 by the National Institute of Health Research as a Landmark Contribution to Science. He again, in *Science*, reported on this bone inductor substance in 1983, “Bone Cell differentiation and Growth Factors: Induced Activity of Chondroosteogenic DNA.” This family of proteins includes the bone morphogenic proteins (BMPs) that have osteoinductive capacity and are important in skeletal differentiation. Under his supervision Dr. Urist’s BMP has been used successfully by Drs. Gerry Finerman and Eric Johnson at UCLA to treat and help heal difficult non-unions and bone defects in patients with difficult fracture problems. For his hypothesis and isolation of these factors Dr. Urist was nominated for the Nobel Prize in Medicine in 1991.

In addition to having published more than 415 scientific articles and presented over 200 papers, Dr. Urist served as Editor of *Clinical Orthopaedics & Related Research* from 1966-1993. His format of presenting a specific topic or symposium with a respected guest editor was unique, and his blend of symposia, original publications, and classic articles reflected his varied interests and leadership. Dr. Urist was invited to give the Shands Lecture at the American Association of Orthopaedic Surgeons and Orthopaedic Research Society Combined Meeting in 1981 on “Bone Cell Differentiation,” and in 1994 the First International Conference on Bone Morphogenetic Protein was given in his honor at the Johns Hopkins University School of Medicine. His other accolades and awards include a second Kappa Delta award, the Claude Bernard Medal, a Simon Guggenheim Fellowship, and the Bristol Myers/Squibb Zimmer Distinguished Achievement Award. He received an honorary degree in medicine from the University of Lund, Sweden, an honorary fellowship and degree from the Royal College of Surgeons, Edinburgh, and honorary membership in the Japanese Orthopaedic Association. He was also a past president of the Association of Bone and Joint Surgeons, the Society of International Research in Orthopedic Surgery and Traumatology, and the Hip Society.

Dr. Urist passed away on February 4, 2001. Alice, his wife and life partner, passed away on February 4, 2004. Dr. and Mrs. Urist are survived by their children Nancy Scott Miller, John Baxter Urist, and Marshall M. Urist, (an oncologic surgeon at the University of Alabama School of Medicine), and eight grandchildren. The many students, residents, fellows, faculty, and patients at UCLA and the world over will always be indebted to Dr. Urist, a man of vision, unending energy, unbridled curiosity and overwhelming human compassion, and we will be grateful for the time we were fortunate and honored to share with him.

Jeffrey J. Eckardt, M.D.
Professor and Chair, Department of Orthopaedic Surgery
The Helga and Walter Oppenheimer Chair of Musculoskeletal Oncology
David Geffen School of Medicine at UCLA
July 2013
FACILITIES
The UCLA/OH 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 (pictured below), located on Wilshire and 16th Street in Santa Monica, CA, has been going strong since its official opening on January 8, 2012.

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 (pictured below left) is located directly across from the hospital on 16th Street and features eight operating rooms. Since its opening in March 2012, more than 2,000 orthopaedic cases in specialties such as sports medicine, foot and ankle surgery and hand surgery have been performed there.

The UCLA Spine Center opened on July 30, 2012 and houses our joint spine program with neurosurgery. Our orthopaedic spine surgeon is Dr. Nick Shamie and the neurosurgery spine specialists include Drs. Langston Holly, Daniel Lu, and Duncan McBride. In addition, Drs. David Fish and Jae Jung are our interventional pain management specialists who provide non-operative care of spinal disorders.

Together these physicians form the nucleus of expertise in the management and treatment of operative and non-operative spinal disorders. Immediately upstairs from the Spine Clinic is one of the UCLA rehabilitation offices with state-of-the-art equipment and techniques to facilitate pre-and post-operative physical therapy for all of our patients.

The former Los Angeles Orthopaedic Hospital changed its name in 2013 to the Orthopaedic Institute for Children. Their facilities continue to provide world-class pediatric orthopaedic care both in the original downtown Los Angeles location and in Santa Monica. Led by Anthony Scaduto, M.D., President, Chief Executive Officer and Lowman Professor of Pediatric Orthopaedics, the Renee and Meyer Luskin Children’s Clinic moved into the new UCLA Medical Center, Santa Monica and Orthopaedic Hospital in January 2012. This facility
now serves as the westside focal point of Pediatric Orthopaedics at UCLA. Also, more than 55,000 children's orthopaedic visits are conducted at the 40,000-square-foot Outpatient Medical Center on the Downtown campus (**pictured below**). In addition, we remain extremely proud of the **Orthopaedic Hospital Medical Magnet High School**. Opened as an alliance with Los Angeles Unified School District, this magnet high school emphasizes healthcare and medical science.

**Ronald Reagan UCLA Medical Center** (**pictured below**), which opened on June 29, 2008, continues to serve as the home of our Level I Orthopaedic Traumatology program, headed by Drs. Eric Johnson, Devon Jeffcoat and Eric Farrell, with the able assistance of multiple other faculty members.

The **3,500-square-foot, state-of-the-art Orthopaedic Hospital Research Center** (**pictured below top**) continues to serve as our Department’s main research facility and is led by Vice Chair of Research **John Adams, M.D.**

The UCLA/OH Department of Orthopaedic Surgery also provides a diverse training experience and has strong affiliate relationships with: **Harbor-UCLA Medical Center**, **Olive View-UCLA Medical Center**, **Kaiser Panorama City** and **West Los Angeles Veterans Affairs Medical Center** (**pictured below bottom**).
RESIDENT/FELLOW EDUCATION

We continue to pride ourselves on training some of the finest orthopaedic surgery residents in the country. Our goal is to train outstanding clinicians and future academic leaders. Each year we are rewarded with bright young minds that provide outstanding care and strengthen our Department. They’re led by Program Director James V. Luck, Jr., M.D., Associate Program Director Nelson SooHoo, M.D., and Medical Education Coordinator, Connie Sams, C-TAGME. 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 2013-2014 research residents are Natalie Leong, M.D. and Elizabeth Lord, M.D. Dr. Lord and J. Ben Allis, M.D. are also new to the PGY2 class. Dr. Lord received her M.D. from Columbia and Dr. Allis came to us after serving three years as a flight surgeon in the U.S. Air Force and receiving his M.D. from Georgetown.

In June we also welcomed our PGY1 intern class:

This year the Accreditation Council for Graduate Medical Education (ACGME) mandated a new system for resident and fellow evaluation called Milestones. We implemented it in July 2013 since Orthopaedic Surgery was one of seven specialties selected to pilot this new program. Until then residency and fellowship programs could choose their evaluation instrument and modify it as they saw fit, resulting in wide variation, consistency, and validity. Milestones include the six competencies with which we are familiar, but the definitions of levels one through five are very specific. The primary difference is the inclusion of specific procedures, like anterior cruciate repair, for rating patient care and medical knowledge. Residents are no longer rated by year in training but by goals for the entire residency or fellowship. A Clinical Competency Committee is required to review all milestone evaluations as well as other information, like the OITE results, on every resident bi-annually.

The surgical skills component of Milestones is reached through practice in the dry labs, wet labs and operating rooms. New for the 2013-14 academic year is the usage of Dr. Warwick Peacock’s Surgical Skills Lab where residents and fellows can practice their surgical and arthroscopy skills (Arthroscopy lab pictured below).

In addition to our residency program, we have excellent postgraduate fellowship programs. This year we are training two fellows in Orthopaedic Sports Medicine, two in Hand Surgery, one in Pediatric Orthopaedics, and one 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.

In addition, we said farewell to the graduating chief residency class of 2013 (pictured below, L-R) who are now training at the following fellowships:

**Nikita Bezrukov, M.D.,** Sports Medicine, Kaiser Permanente, Orange County, CA  
**Bradley Aspey, M.D.,** Sports Medicine, Andrews Institute for Orthopaedics & Sports Medicine, Pensacola, FL  
**Jared Johnson, M.D.,** Sports Medicine, Steadman Philippon Research Institute, Vail, CO  
**Jeremy Reid, M.D.,** Joint Replacement, Hospital for Special Surgery, New York, NY  
**Roberto Diaz, M.D.,** Hand Surgery, Stanford University Hand & Upper Limb Center, Palo Alto, CA  
**Alan Zhang, M.D.,** Sports Medicine, UCSF, San Francisco, CA

The current chief residents (graduating in June 2014 and pictured below, L-R) matched to the following fellowships for 2014-15:

**Neal Berger, M.D.,** Sports Medicine, SOAR (Sports, Orthopedic And Rehabilitation Medicine Associate), Redwood City, CA  
**Casimir Dowz, 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

Many of our residents and faculty presented research at the annual Western Orthopaedic Association meeting in Lake Tahoe, CA in August 2013. Congratulations to former research residents and current PGY4s **Scott Montgomery, M.D.** for winning the Lloyd Taylor Award and **Jared Niska, M.D.** for winning the Vernon Thompson Award! We also congratulate the below on their WOA talks:

**Sharon Hame, M.D. (Sports Faculty) & Dean Wang, M.D. (PGY3),** “Effects of Prior Knee Surgery on Participation, Injury, Intervention on NCAA Intercollegiate Athletes”  
**Scott Montgomery, M.D. (PGY4),** “A Novel Osteogenic Oxysterol Compound For Therapeutic Development To Promote Bone Growth: Activation Of Hedgehog Signaling And Osteogenesis Through Smoothened Binding”  
**Jared Niska, M.D. (PGY4),** “Tigecycline And Rifampin Combination Therapy Have Increased Efficacy Against An Experimental Staphylococcus Aureus Prosthetic Joint Infection”  
**Frank Petrigliano, M.D. (Sports Faculty),** “The Costs Of Preoperative Evaluation Of Rotator Cuff Tears Prior To Surgical Repair”
WELCOMING FACULTY & VISITORS
Since August 2013, we have welcomed the following new faculty members to our Department:

Nicholas Bernthal, M.D. (Musculoskeletal Oncology)
Dr. Bernthal joined us in August 2013. He completed his orthopaedic surgery residency with us in 2012 and went on to do a musculoskeletal oncology fellowship at the Huntsman Cancer Institute in Salt Lake City.

Kristofer Jones, M.D. (Sports Medicine Surgery)
Dr. Jones joined us in September 2013. He completed his orthopaedic surgery residency and sports medicine and shoulder surgery fellowship at the Hospital for Special Surgery in New York City from 2007-2013.

We have also granted UCLA academic appointments to 11 faculty members from Charles Drew University, led by Dr. Eleby Washington, who will form the nucleus of orthopaedic services at the new Martin Luther King, Jr. Hospital in South Los Angeles. We welcome them aboard:

Eleby Washington, M.D. (Pediatric/General Ortho)
Dr. Washington completed his orthopaedic surgery residency at Columbia’s St. Luke-Roosevelt program and a pediatric fellowship at the Hospital for Special Surgery in New York City.

Shaun Chandran, M.D. (Joints/General Ortho)
Dr. Chandran completed his orthopaedic surgery residency at Stanford University and a hip and knee replacement fellowship at Massachusetts General Hospital.

Julian Girod, M.D. (Sports Medicine/General Ortho)
Dr. Girod completed his orthopaedic surgery residency at the University of Puerto Rico School of Medicine and a sports medicine fellowship at UCLA.

Charles Herring, M.D. (Sports Med/General Ortho)
Dr. Herring completed his orthopaedic surgery residency at Duke University and a sports medicine fellowship at the Hughston Sports Medicine Foundation Inc.

Jacqueline Lezine-Hanna, M.D., M.S.P.H. (Hand/Upper Extremity/General Ortho)
Dr. Lezine-Hanna completed her orthopaedic surgery residency at Martin Luther King Jr. / Drew Medical Center and a hand surgery fellowship at USC.

Randy O’Hara, M.D. (Spine Surgery)
Dr. O’Hara completed his orthopaedic surgery residency at Loma Linda University and a spine surgery fellowship at the University of Pittsburgh.

Antoine Roberts, M.D. (General Ortho)
Dr. Roberts completed his orthopaedic surgery residency at Martin Luther King/Charles Drew Medical Center.
ORTHOPAEDIC VISITS

Dr. Eckardt and the Department of Orthopaedic Surgery were delighted to host the 2013 AOA Japanese Orthopaedic Association (JOA) traveling fellows (*pictured above right*) during their visit to Los Angeles on June 19, 2013. The academic session was held at the UCLA Medical Center, Santa Monica and featured presentations by the six fellows and Dr. Kodi Azari. After tours of the Santa Monica and Ronald Reagan UCLA Medical Centers and Orthopaedic Hospital Research Center, the fellows had lunch with Vice Chair of Research, Dr. John Adams and some of our research faculty before enjoying an afternoon at the Getty Center. The day culminated with Journal Club, hosted by Dr. David McAllister.

Later in the summer Drs. Eckardt and Shamie hosted Dr. Guoqiang Zhang (*pictured*), an orthopaedic surgeon from the General Hospital of People’s Liberation Army (301 Hospital) from July 31- August 1, 2013. Dr. Zhang also met with hospital administration leaders and toured the Santa Monica and Westwood facilities.

Also this summer, Dr. Nick Bernthal (*UCLA residency class of 2012*) coordinated the Department’s first International Exchange Program in Ethiopia with chief resident Casimir Dowd, M.D. (*UCLA residency class of 2014*). Drs. Bernthal and Dowd spent several weeks in Ethiopia last August 2013 and are pictured on the next page with their surgical team.
DIVISIONS

FOOT AND ANKLE SURGERY
The Division of Foot and Ankle Surgery was founded by Andrea Cracchiolo III, M.D. in 1978. It is now led by Chief Nelson F. SooHoo, M.D. (pictured) and cares for patients with reconstructive and traumatic conditions of the foot and ankle. Dr. SooHoo is actively involved in the American Orthopaedic Foot and Ankle Society (AOFAS) and currently serves on the managerial board of the AOFAS Orthopaedic Foot and Ankle Research Network. Dr. Cracchiolo remains actively involved in medical student and resident education as emeritus professor and Lewis Zions, M.D. from the Orthopaedic Institute for Children focuses on the treatment of pediatric clubfoot deformity. The primary objectives of the Division include providing patient-centered care and advancing the science of foot and ankle surgery.

GENERAL ORTHOPAEDICS
The General Orthopaedics section consists of Peter Alexakis, M.D., Bruce Brown, M.D., Ph.D., and S. Andrew Schwartz, M.D. (pictured above right, L-R). Combined they see an average of 650 patient visits per month. Dr. Brown has a concomitant surgical practice at UCLA Medical Center, Santa Monica and the VA involving joint replacement and trauma cases. The general orthopaedic service is dedicated to facilitating timely access to orthopaedic consultation, treatment, and referral to appropriate UCLA orthopaedic subspecialists. General orthopaedic referrals are seen at both the Westwood and Santa Monica facilities. Urgent same-day consultations are accommodated by these physicians, as well as our subspecialty faculty. Overall since 2012, more than 500 urgent same-day patients have been taken care of by the Department.

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. (pictured) is the Division Chief of Hand Surgery at UCLA and Olive View-UCLA Medical Centers. Dr. Benhaim is a hand surgeon, microsurgeon and reconstructive plastic surgeon at the David Geffen School of Medicine at UCLA. He joined the Department of Orthopaedic Surgery and the Division of Plastic & Reconstructive Surgery in 1998. He has numerous local and national committee positions, including an editorial position for the *Journal of the American Society for Surgery of the Hand*. Dr. Benhaim has a national reputation as an educator, and has been a leader in the treatment of Dupuytren’s disease. He remains active in research on Dupuytren’s disease, stem cells, and in the clinical practice of hand surgery and reconstructive plastic surgery.

Kodi Azari, M.D. came to UCLA from the University of Pittsburgh Medical Center. Dr. Azari has been involved in both clinical and laboratory research for over 19 years and is the author of numerous research articles, book chapters and presentations. He lectures extensively both nationally and internationally on hand surgery as well as plastic surgery. Dr. Azari is the surgical director of the well-recognized established UCLA Hand Transplant Program. In 2011, he led a team of Surgeons at Ronald Reagan UCLA Medical Center that performed the first hand transplant in the western United States in an operation that lasted 14-1/2 hours and concluded on Saturday, March 5. The transplant was performed on a 26-year-old woman from northern California who lost her right hand in a traffic accident nearly five years prior. UCLA is only the fourth center in the nation to offer this procedure, and the first west of the Rockies. It was the 13th hand transplant surgery performed in the U.S. Dr. Azari has been one of the lead surgeons on seven hand transplantation operations, including the first double hand transplantation and first arm transplantation performed in the United States (www.handtransplant.ucla.edu). Dr. Azari has also been an instrumental leader in the Operation Mend project that treats wounded service members from the armed services. Last October, Dr. Azari and the UCLA Operation Mend team were honored with the Los Angeles County Medical Association and Patient Care Foundation of Los Angeles County 2013 Innovation Award – Community Service for their exemplary leadership in shaping the future of healthcare.

Scott Mitchell, M.D. (UCLA residency class of 2008) is an assistant professor and former outstanding UCLA resident who completed his hand fellowship at UCLA in 2009. He performs complex hand, wrist, and elbow surgery at Ronald Reagan, Santa Monica and Olive View UCLA Medical Centers, and the West Los Angeles Veterans Affairs Hospital. Dr. Mitchell has developed a very active elbow service, treating a wide variety of acquired and traumatic elbow problems. Roy Meals, M.D. is a clinical professor of hand surgery and one of the premier hand surgeons in the U.S., with clinical areas of expertise including elbow surgery, thumb basal joint arthritis, and Dupuytren’s disease. He is national leader in hand surgery education for physicians and hand therapists, and a former president of the American Society for Surgery of the Hand. He is a recognized leader in education of both hand surgeons and hand therapists in this country. He is also currently the rather prestigious editor-in-chief for the *Journal of Hand Surgery*. Katherine Au, M.D. graduated from the hand surgery fellowship here at UCLA. As the primary congenital hand surgeon at Los Angeles Shriners Hospital, Dr. Au has been instrumental in providing the hand fellows an excellent exposure to congenital hand surgery. Our hand fellows uniformly regard this experience as one of the highlights of the hand fellowship.
JOINT REPLACEMENT

At UCLA we are now offering patients the options of minimally invasive anterior or posterior hip arthroplasty. Anterior Hip Arthroplasties are performed at our UCLA Ronald Reagan and Santa Monica hospitals (which now have both the specialized hip fracture table as well as the Maquet table). Our knee patients also now have conservative alternatives to arthroplasty including osteochondral autografting. We were the first center in the U.S. to perform osteochondral autografting using the new diamond precision instruments designed by Prof. Draenert of Munich, Germany. We teach the use of computer-assisted navigation, and robotic targeting for knee replacement surgeries and partial knee arthroplasty for patients with unicompartmental arthritis who desire a rapid recovery with full motion and function. Our residents also continue to get ample experience with complex primary and revision hip, knee and shoulder arthroplasties. While our average length of stay is currently four days (about average for California), our readmission rate is one fourth of the California’s average readmission rate.

Benjamin Bengs, M.D. (pictured) joined the faculty in 2007 after completing orthopaedic surgery training from the Harvard Combined Orthopaedic Surgery Residency Program and a joint replacement fellowship here at UCLA. He specializes in complex joint replacement and fragility fractures. In 2010, Dr. Bengs received a Career Development Award from the Orthopaedic Research & Education Foundation in Total Joint and Trauma Surgery for “Proximal Femoral Bone Loss and Femoral Stem Stability in Total Hip Arthroplasty” and in 2013, Dr. Bengs was named Director of Orthopaedic Services at UCLA Medical Center, Santa Monica.

Francis Cyran, M.D. completed his orthopaedic oncology fellowship here at UCLA in 2005 and has been on faculty since then specializing in joint replacement and tumor surgery. Dr. Cyran’s teaching evaluations from the residents are consistently among the highest in the group and he recently was awarded a prestigious teaching award from the UCLA residents. Bruce Brown, M.D., Ph.D. joined the UCLA faculty in 2010 and provides general and trauma coverage, in addition to joint replacement services. James V. Luck, Jr., M.D. is a senior faculty member in Joint Replacement and one of the world leaders in research and treatment of hemophilic arthropathy. Dr. Luck is Former President and Chief Executive Officer of the former Los Angeles Orthopaedic Hospital. He is also before serving as President in 2009. He has also served on the board of the Hip Society and continues to be an active member, recently presenting an update of the results of osteochondral allografting of the hip at the summer meeting of the Hip Society. Current research areas include assessment of the potential adverse effects of metal on metal hips, and pursuing biological and less invasive methods of treating arthritic hip, knee, and shoulder joints.

Bert Thomas, M.D., (pictured) Chief of Joint Replacement Surgery at UCLA, served on the board of Clinical Orthopaedics and Related Research for ten years, and was in the Presidential line of the Association of Bone and Joint Surgeons for five years.
President and Director of the American Board of Orthopaedic Surgery, Inc. (ABOS). He does an outstanding job as program director for our highly sought after residency program.

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 residency class of 1979) from 1980-2013. Dr. Eckardt’s expertise is in limb salvage surgery using endoprostheses and he was honored last May 2013 with the “Physician of the Year” award from the UCLA Medical Center, Santa Monica. As Dr. Eckardt took on more administrative duties, he turned the Division over to Susan Bukata, M.D. (pictured) who assumed the role of Division Chief in 2013. Other members of the Division include Francis Cyran, M.D. and Nicholas Bernthal, M.D. (UCLA residency class of 2012). The Division is strongly aligned with Noah Federman, M.D., pediatric hematology oncologist whose office is adjacent to the orthopaedic oncology offices at the Santa Monica Hospital to enhance collaboration. 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 UCLA Spine program that began by Edgar Dawson, M.D. in 1972 continues to provide clinical services for our patients with spinal pathologies and fulfillment of our vision. Under the current direction of A. Nick Shamie, M.D. (pictured above), the program has continued its tradition of training outstanding spine fellows alongside and in sync with our exceptional residency education and training. We have been welcoming our spine patients for the past year at our new stand-alone spine center that is the culmination of years of planning, design, and building of this state-of-the-art facility. This facility has helped us enhance our patients’ experience and has resulted in high patient satisfaction ratings. Our spine faculty, consisting of Orthopaedics Surgeons, Neurosurgeons, and Physical Medicine/Interventional Pain Management specialists, was recently awarded as a top 10 Spine Surgery Program in the country (4th place), by the University Health System Consortium. We are extremely excited about the support and vision of our leadership in being able to create such a comprehensive and beautifully designed center to provide exceptional care for our patients. With our pediatric spine faculty members Anthony Scaduto, M.D. and Rick Bowen, M.D. and interventional pain management faculty David Fish, M.D., M.P.H. and Jae Jung, M.D., our UCLA Spine program continues to provide comprehensive expertise in the conservative and operative treatments for our patients. We have continued to publish our research studies in basic science and clinical research and have many exciting projects underway in our laboratory. We continue to attract international surgeons to our center and currently have 3 international surgeons working in the Spine Center on our basic science and clinical research projects. We are happy to continue to be leaders in the care of our patients with the latest surgical technologies and techniques, interventional injections and pain management for the comprehensive treatment and rehabilitation of patients with spinal disorders. We are dedicated to the ongoing teaching, research and clinical care for betterment of spinal care locally and abroad.
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 Nativ, M.D., (pictured) Professor in the Departments of Orthopaedic Surgery and Family Medicine, who has served as the Director of the Center for over 19 years. Dr. Nativ 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 bone stress injuries. Dr. Nativ 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 John Adams, M.D., Susan Bukata, M.D., and Freda Hannafon, MSN, FNP-C. 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 disease and geriatric fracture management. The metabolic bone team has been working closely with Dr. Benjamin Bengs to start a Geriatric Fracture Protocol, which will be launched in early 2014 with initial focus on patients who have sustained a hip fracture. The multidisciplinary program will aim to educate hip fracture patients about osteoporosis, and assist them with diagnosis and treatment in the efforts to prevent future fractures. The Center’s 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 the activities of daily life, and dietitians who provide guidance in nutrition.

Dr. John Adams is an endocrinologist and internationally recognized authority in the hormones that control skeletal homeostasis. He is the Department’s Vice Chair of Research and Director of the Orthopaedic Hospital Research Center and Associate Director of the NIH-funded Clinical and Translational Science Institute at UCLA. Dr. Adams is a renowned clinician-scientist, who has been continuously funded for the last 32 years by the NIH for both basic science and clinical research. He is one of 3 co-editors of the two-volume text, Vitamin D, the most acclaimed book in his field and in 2013 was named Assistant Dean for Translational Research at UCLA. Dr. Susan Bukata, 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, the AAOS Committee on Tumor and Metabolic Bone Diseases, as well as the Political Action Committee, and as Board Member for the International Geriatric Fracture Society. Her clinical practice in metabolic bone diseases includes not only classic osteoporosis patients, but also children and adults with fragility fracture problems associated with genetic and developmental diseases such as osteogenesis.
imperfecta, cerebral palsy, and the muscular dystrophies.

Freda Hannafon, MSN, FNP-C (pictured) joined the Orthopaedic Surgery Department in 2012 from the University of Rochester. Freda is a nurse practitioner who has over 20 years experience in metabolic bone disease management and geriatric fracture care. In 2013 Freda presented to 800 nurses at the annual meeting of the National Association of Orthopaedic Nurses on the management of osteoporosis care and was invited to Hong Kong to teach orthopaedic nursing to nurses. In 2014 she is slated to speak at the American Orthopaedic Association’s Hot Topics in Bone Health and Post Fracture Management, as well as on Men with Fragility Fractures, with Dr. Lane.

PEDIATRIC ORTHOPAEDICS

Another 2013 achievement that the Division of Pediatric Orthopaedics/Orthopaedic Institute for Children (OIC) can take much pride in is that we treated more children on the OIC campuses than any previous year in our 103-year history. Our subspecialty clinics are some of the busiest in the country with over 57,000 pediatric orthopaedic visits last year. Families from around the region seek out our faculty’s expertise in cerebral palsy (William Oppenheim, M.D.), clubfoot (Lewis Zionts, M.D.), sports medicine (Heather Gillespie, M.D., M.P.H. and 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.). Our multidisciplinary clinics offer unique comprehensive care for spina bifida, muscle disease, osteogenesis imperfecta, hemophilia and limb deficiency/amputation. A skeletal dysplasia clinic is due to open this 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. Dr. Karen Lyons has received international awards for her breakthrough work in skeletal development and growth-plate biology while Drs. Deborah Krakow and Dan Cohn have identified many key genetic mutations that cause dwarfism. These discoveries have lead to a better understanding of bone diseases that affect children and are the basis for novel future treatments. Due to the expertise and commitment to the field, OIC assumed the management of the Skeletal Dysplasia Registry and Tissue Bank - the largest of its kind in the world. The information it contains is vital to researchers around the globe who are studying developmental bone disease.

Our clinicians and scientists (pictured above L-R: Drs. Oppenheim, Zionts, Scaduto, Bowen, Silva) are also focused on translational research that enhances orthopaedic treatment for children by improving surgical techniques and non-surgical care. In collaboration with the pediatric spine surgeons, Drs. Sophia Sangiorgio and Edward Ebramzadeh have developed an experimental model to test and compare surgical techniques used in scoliosis surgery. Drs. Nick Bernthal and Anthony Scaduto received a grant from the Pediatric Orthopaedic Society of North America to study spinal implant infections in a mouse model. Their work will be presented at next year’s POSNA meeting. Dr. Mauricio Silva maintains one of the
largest prospective pediatric trauma registries in the country. The analysis of this database has resulted in several recent JBJS publications that are likely to shape the evidence-based treatment of pediatric elbow fractures. He and Dr. Fabrizio Billi are also collaborating with scientists in UCLA’s School of Engineering to develop a wireless technology that can improve the fit and function of casts used to treat children’s fractures. In the field of motor disorders, Dr. Eileen Fowler and her team have recently developed and validated a method to measure selective motor control that can predict the success of surgery for patients with cerebral palsy. The impact of childhood orthopaedic disease can be lifelong. The longevity of today’s total hip replacement components have been significantly extended through the innovative research of Drs. Harry McKellop, Fu-Wen Shen, and Patricia Campbell.

Former President and CEO Dr. James Luck Jr. was honored in the spring of 2013 with a Lifetime Achievement award from the World Federation of Hemophilia. This prestigious award recognizes his work as a leading healthcare professional in the global field of hemophilia.

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.

**SPORTS MEDICINE**

After 42 years of service and 85 NCAA Division I National Championships, Gerald Finerman, M.D. (pictured) retired from full-time service on June 30, 2013. He has remained on the faculty in an emeritus role.

David McAllister, M.D. is now the Associate Head team physician and the Director of Orthopaedic Surgery for the UCLA Athletic Department.

Robert Pedowitz, M.D., Ph.D. served on the Board of Directors of the Arthroscopy Association of North America from 2011-13 and chaired the first and second AAOS Orthopaedic Surgery Simulation Summits, most recently as November 2013. These summits have been geared toward practical implementation alternatives for orthopaedic motor skills simulation labs for resident training. Sharon Hame, M.D. was named Director of the Medical Student Education Program in 2013 and Frank Petrigliano, M.D. (UCLA residency class of 2009) has developed a strong interest in basic science research. He and Denis Evseenko, M.D., Ph.D. recently received a $1.1 million CIRM award over three years. After a national search, Kris Jones, M.D. joined the faculty in September 2013. Dr. Jones completed both his residency and fellowship at the Hospital for Special Surgery in New York City. He is well-trained in most orthopaedic sports medicine problems and has a special interest in articular cartilage injuries and treatment. All of our physicians have busy clinical practices and some have assumed leadership roles in their medical societies. The experienced physicians on our faculty have diverse backgrounds with expertise in both common and uncommon athletic injuries. Our physicians serve as the exclusive provider of medical services to the UCLA Athletic Department. A Sports Medicine Clinical Center of Excellence on the main campus at UCLA is in the planning stages to deliver high quality care to athletes of all ages and skill levels.

The Division of Sports Medicine continues to be productive in a number of research areas. Dr. Jones has been added to our biomechanics research team and will focus on articular cartilage injuries and treatment. In collaboration with Daniel Boguszewski, Ph.D. and Keith Markolf, Ph.D., Drs. Petrigliano and McAllister are developing novel methods for biomechanical testing of articular cartilage. Our collaboration with William Kaiser,
Ph.D. and Henrik Borgstrom in the UCLA Department of Electrical Engineering Wireless Health Initiative continues with the development of a non-invasive device to quantify the pivot-shift examination in patients with ACL injuries. Drs. McAllister and Petrigliano continue to collaborate with Ben Wu, Ph.D., D.D.S. in the Department of Bioengineering and Patricia Zuk, Ph.D. in the Department of Plastic Surgery on tissue engineering for ACL reconstruction and rotator cuff repair. Natalie Leong, M.D., one of this year’s research residents and UCLA residency class of 2016, is working on the ACL tissue engineering project and has received grants from the OREF, H&H Lee, and the Robert Gladden Orthopaedic Society to support her work. Drs. McAllister, Petrigliano and Evseenko in the Orthopaedic Hospital Research Center are studying articular cartilage and recently received a $300,000 MTF Career Development Award. Drs. Hame and McAllister continue to participate in clinical research including outcomes of ACL reconstruction. Both are co-investigators in the NIH-funded multicenter ACL Revision Surgery (MARS) study. Both also continue to collect and analyze data on primary ACL reconstructions performed at UCLA. Finally, Drs. Hame, McAllister and Petrigliano have published a number of studies on the incidence of various sports medicine procedures using the Peardiver database.

SPORTS MEDICINE/NON-OPERATIVE ORTHOPAEDICS
The Division of Non-Operative Sports Medicine continues to be active in advancing clinical care in the office, as well as on the sidelines with the Bruins, and also in research and national leadership roles. Division Chief, John DiFiori, M.D., (pictured) is currently serving as President of the American Medical Society for Sports Medicine (AMSSSM), representing 2,500 sports medicine physicians, including members who serve as team physicians at the youth level, NCAA, NFL, MLB, NBA, WNBA, MLS and NHL, as well as with the U.S. Olympic Team. Dr. DiFiori was named Head Team Physician for the UCLA Department of Athletics and served as Co-Director of the UCLA Musculoskeletal Ultrasound Course in January 2014 which featured a cadaver lab for procedural training. Aurelia Nattiv, M.D., Director of the Osteoporosis Center, continues to enhance her role as one of the nation’s experts on the Female Athlete Triad. She has spoken nationally and internationally on this issue over the past year and is nearing publication on a seminal position paper on management of the triad. Both Drs. DiFiori and Nattiv were also honored to have symposia selected for the 2014 International Olympic Committee World Conference on Injury Prevention to be held in April 2014 in Monaco. Heather Gillespie, M.D., M.P.H., Director of the Pediatric Sports Medicine Service at the Orthopaedic Institute for Children, has been active speaking nationally for the American College of Sports Medicine’s Team Physician Course. She will also speak at the AMSSSM annual meeting on non-operative pediatric fracture management, an area of clinical expertise. In March 2013, we were very pleased to have Daniel Vigil, M.D. join the Division. He has been very instrumental in implementing the Department’s new electronic medical record system, not only with Orthopaedics, but throughout the Medical Center. He has also been a wonderful addition to our teaching and clinical faculty. He was part of the medical staff, along with Dr. Kris Jones, that worked with the National Champion UCLA Women’s Soccer Team, bringing title number 110 back to Westwood.

TRAUMA SURGERY
The orthopaedic trauma service is led by Division Chief Eric Johnson, M.D., F.R.C.S.I. (Hon.) (UCLA residency class of 1981, pictured) and includes Devon Jeffcoat, M.D., (UCLA resident class of 2009) 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. After several decades, the trauma service finally achieved a commitment of orthopaedic trauma block time at the Ronald Reagan’s Level 1 trauma center for 4 days a week from 7 a.m. until 7 p.m.

ORTHOPAEDIC RESEARCH

ORTHOPAEDIC HOSPITAL RESEARCH CENTER
In 2007, the Orthopaedic Hospital Research Center (OHRC) was formed as a critical component of the alliance between UCLA and the Orthopaedic Hospital. The 25,000 square foot OHRC is part of the 95,000 square foot Biological Sciences Research Center Building complex, the premier science facility on the UCLA Westwood Campus, located at the heart of the Court of Sciences. The orthopaedic scientists play a central role in a rich research environment that brings together biologists, chemists, engineers, geneticists, and clinician-scientists. John Adams, M.D. was recruited in 2007 by the Department and charged with the mission of building the OHRC into one of the premier orthopaedic research institutions in the nation. Since then the OHRC has seen a more than 11-fold increase to over $6 million in annual, peer-reviewed funding coming to the Department, moving the Department of Orthopaedic Surgery to number six on the list of the top NIH-funded departments in the nation. Three scientists in the Department, Drs. Karen Lyons, John Adams, and Martin Hewison, fall in the top 30 in the nation in terms of total NIH dollars awarded for orthopaedic research. The Department continues to hold the only NIH-sponsored training grant program for orthopaedic regenerative medicine west of Saint Louis. This training grant supports postdoctoral-level research into the origins and treatment of musculoskeletal disease. The OHRC continues to provide a fertile environment for research and clinicians to innovate and collaborate. The cartilage research program is flourishing. Karen Lyons, Ph.D. successfully renewed her long-standing NIH grant focused on elucidating the roles of Bone Morphogenetic Proteins (BMPs) in cartilage development and maintenance. This is of special interest because BMPs, used world-wide as a treatment to enhance fracture repair, were initially discovered at UCLA by orthopaedic surgeon Marshall Urist, M.D.

One the most exciting developments in the past year was the relocation of the International Skeletal Dysplasia Registry to UCLA. This is a research registry for studying the inherited basis of skeletal disorders. It is directed by Department faculty members Deborah Krakow, M.D. and Dan Cohn Ph.D. and is the largest such registry in the world. This registry is an archive of radiographs, clinical records, cells, and tissues from families with one or more members diagnosed with a skeletal dysplasia. These materials are being used to assist in patient diagnosis, identify causative genes, and develop potential treatments. Given that Orthopaedic Institute for Children has one of the busiest pediatric orthopaedic practices in the country, we are poised to become one of the top destinations world-wide for scientists and programs specializing in pediatric orthopaedic research. Denis Evseenko, M.D., with the help of co-investigator Frank Petrigliano, M.D., has also made major contributions to the cartilage research program this year, being awarded a $1.1 million research grant from the California Institute of Regenerative Medicine for work on the generation of cartilage committed progenitors from human pluripotent and mesenchymal stem cells, with the goal to develop new strategies to treat patients with osteoarthritis. The bone research program in the OHRC has also enjoyed several successes this year. Our newest department faculty member is Nick Bernthal, M.D., a surgeon-scientist working in the subspecialty of orthopaedic oncology. As much of his surgical work is reconstruction of the skeleton with metallic implants, Dr. Bernthal is working on bacterial adherence patterns and innate immune responses to implant infections. He developed an in vivo mouse model using bioluminscent bacteria that allows longitudinal tracking of bacterial burden in a post-surgical
mouse that is widely used as a pre-clinical assessment of metal coatings, antibiotic efficacy and immune pathways. He has also recently begun to work on identifying molecular markers of sarcomas that correlate with responsiveness to chemotherapy and/or improved outcomes. His work has recently been awarded with the OREF Young Investigator grant as well as the POSNA's Biomet Spine Research grant. Susan Krum, Ph.D. is elucidating the molecular mechanisms underlying the effects of estrogens on bone. Her work is supported by an NIH grant as well as a career development award from the Susan B. Komen Foundation. John Adams, M.D. and Martin Hewison, Ph.D. are collaborating to define the mechanisms of vitamin D action in bone and other tissues; their work is funded by multiple NIH awards. OHRC faculty members have also been recognized locally, regionally and nationally for their major contributions to training the next generation biomedical scientists. Drs. Lyons, Cohn, Hewison and Adams are all mentors in the UCLA ACCESS program which provides early research experience and didactic teaching to first and second-year graduate students. In fact, Dr. Lyons, the Campus Chair of the Committee on Research led the strategic planning committee for redesign of ACCESS that serves as the portal for >80% of the graduate student body at UCLA. Through his position as Associate Director of the Clinical and Translation Science Institute and Assistant Dean for Translational Research at UCLA, Dr. Adams has been instrumental in helping reshape the curriculum for UCLA graduate students and post-doctoral trainees to better prepare them to meet the demands rapidly changing biomedical scientist workforce in the U.S., especially as it relates to the translation of discoveries to improved health care and disease prevention.

In conclusion, the OHRC remains dedicated to its founding principles. First, that major advances in the management of the skeletal diseases and injuries that are most frequently encountered by orthopaedic surgeons can be most effectively achieved by teams; this includes scientists who investigate the underlying origins of skeletal tissues, and the cellular and molecular basis of tissue injury working with clinicians who have the vision and expertise to apply these findings to clinical care. Second, understanding the developmental events that shape formation of the musculoskeletal system from fetal to adult life will inform us about how these pathways go awry in degenerative processes and how they can be re-deployed to treat pediatric conditions as well as degenerative skeletal diseases. Third, development of mouse models (the only organism in which it is possible to introduce defined genetic mutations that impact skeletal growth and maintenance) will allow us to develop “personalized” preventive and treatment regimens. Fourth, by bringing new clinician-scientists into the OHRC, we hope to create an environment that fosters the translation of basic discoveries made at the OHRC into the most advanced orthopaedic health care available for children and adults.

ORTHOPAEDIC INSTITUTE FOR CHILDREN:
J. Vernon Luck, Sr., M.D. Orthopaedic Research Center

The researchers at The J. Vernon Luck, Sr., M.D. Orthopaedic Institute for Children, established in 1911 as Orthopaedic Hospital, are recognized internationally for state of the art research into the design and evaluation of joint replacement implants and fracture fixation devices, implant biomechanics, as well as the characterization and biocompatibility of implant debris. In addition, consistent with the longstanding commitment of the institute to children, extensive studies have been conducted and published in the areas of pediatric orthopaedic research. The goal of the Orthopaedic Biomaterials and Tribology Program, led by Fabrizio Billi, Ph.D., is to address important clinical issues, developing new technologies and devices that will have an immediate impact on the life of patients. Recently, research has focused on development of:
- High-throughput and more sensitive biological assays including a novel 3D bone model that will enable rapid assessment of the effect of wear debris and pharmacological support on
osteogenesis, mineralization, and bone resorption/osteoclastogenesis.
- More sensitive and sophisticated tribological in-vitro tests to evaluate the performance of materials and devices to the increased demanding operational conditions experienced in current artificial joints, in collaboration with the Department of Electrical Engineering/Wireless Health Institute at UCLA.
- Next generation of smart orthopaedic biomaterials, in collaboration with the Department of Mechanical and Aerospace Engineering at UCLA.
- New diagnostic and theranostic devices in native and artificial joint health monitoring, in collaboration with the Departments of Bioengineering and Electrical Engineering/Wireless Health Institute at UCLA.

The Orthopaedic Biomechanics and Mechano-Biology Research Laboratories have developed state of the art biomechanical models for the simulations of loads and motions in the spine, hip, knee, ankle, elbow, and foot. In addition, the lab is internationally recognized as a center of excellence for analysis of failed joint replacement implants, including metal-on-metal joint replacements and peri-prosthetic tissues. Together, the labs have developed, designed and evaluated existing and novel/prototype joint replacement implants, fracture fixation devices, and soft tissue repair methods. In recent years, key areas of focus have included:

- **Joint Arthroplasty:** Preclinical evaluations including implant fixation under simulated clinical loading and extreme activities; failure analysis of retrieved implants, including quantification of wear and damage; histological reaction of peri-prosthetic tissues, including the development of the ALVAL scoring system; and clinical outcome studies, correlating patient, implant, and surgical variables to outcome.

- **Pediatrics:** Biomechanical simulations of surgical correction potential for adolescent scoliosis, biomechanical model to quantify surgical methods for clubfoot deformity correction, and numerous clinical studies analyzing large databases of clubfoot patients to determine the least invasive and most effective treatments.

- **Spine:** Biomechanical testing and retrieval analysis to investigate biomechanical and in vivo performance of various stabilization devices and total disc replacements for lumbar and cervical spine. Establishment of enhanced methods for quantification of disc degeneration.

- **Bone Quality and Fracture Fixation:** Investigation of peri-prosthetic bone quality following arthroplasty or fracture fixation; biomechanical assessment of various fracture fixation methods, including fractures common in adolescents.

Edward Ebramzadeh, Ph.D. was recently inducted to The Hip Society, and appointed to the JBJS Editorial Board of Consulting Editors for Research. Patricia Campbell, Ph.D. is the principal investigator of the retrieval analysis of revised DePuy metal-on-metal hip replacements for North America. Sang-Hyun Park, Ph.D. is the co-investigator for the retrieval analysis of all recalled DePuy metal-on-metal hip replacements for North America. Sophia Sangiorgio, Ph.D. was awarded the "Editors' Choice" Top Nine publications selected by the ASME Journal of Biomechanical Engineering to represent their best publications of 2012 for her collaborative manuscript entitled: “Site-Specific Quantification of Bone Quality Using Highly Nonlinear Solitary Waves,” *ASME J. Biomech. Eng.* In addition, the *Journal of Orthopaedic Research* published a “virtual issue” that included the ten most cited articles from the past 30 years. Harry McKellop, Ph.D.’s article on the development of crosslinked polyethylene was #8 on the list. This article was originally published in 1999 after the team won the American Association of Orthopaedic Surgeons and Orthopaedic Research Society’s Kappa Delta Award in 1998 for outstanding orthopaedic research:

FACULTY

There are presently 66 faculty members in our Department of Orthopaedic Surgery:

Jeffrey Eckardt, MD
Professor and Chair

Anthony Scaduto, MD
Vice Chair
President and CEO, OIC

David McAllister, MD
Vice Chair of Clinical Operations

John Adams, MD
Vice Chair of Research

James Luck, MD
Residency Program Director

Nelson SooHoo, MD
Associate Residency Program Director

Sharon Hame, MD
Director of Medical Student Education Program

Foot and Ankle Surgery
Andrea Cracchiolo III, MD (Emeritus)
Nelson SooHoo, MD (Division Chief)
Lewis Zionts, MD

General Orthopaedics
Peter Alexakis, MD
Bruce Brown, MD, PhD
S. Andrew Schwartz, MD

Hand Surgery
Kodi Azari, MD
Prosper Benhaim, MD (Division Chief)
Scott Mitchell, MD

Joint Replacement
Benjamin Bengs, MD
Bruce Brown, MD, PhD
Francis Cyran, MD
Gerald Finerman, MD (Emeritus)
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

Pediatric Orthopaedics/Orthopaedic Institute for Children
Richard Bowen, MD
James Luck, MD
William Oppenheim, MD
Anthony Scaduto, MD (Division Chief)
Mauricio Silva, MD
Lewis Zionts, MD

Spine Surgery/PM&R
Richard Bowen, MD
David Fish, MD, MPH (PM&R)
Jae Jung, MD (PM&R)
Anthony Scaduto, MD
A. Nick Shamie, MD (Interim Division Chief)

Sports Medicine
Richard Bowen, MD
Gerald Finerman, MD (Emeritus)
Sharon Hame, MD
Kristofer Jones, MD
David McAllister, MD (Division Chief)
Robert Pedowitz, MD, PhD
Frank Petrigliano, MD

Sports Medicine & Non-Operative Orthopaedics
John DiFiori, MD (Division Chief)
Heather Gillespie, MD, MPH
Aurelia Nattiv, MD
Daniel Vigil, MD

Trauma Surgery
Benjamin Bengs, MD
Eric Farrell, MD
Devon Jeffcoat, MD
Eric Johnson, MD (Division Chief)

VA Hospital
Bruce Brown, MD, PhD
Francis Cyran, MD
Sharon Hame, MD
Eric Johnson, MD
David McAllister, MD
Scott Mitchell, MD
Frank Petrigliano, MD
Nelson SooHoo, MD (Service Chief)
Bert Thomas, MD
Steven Zeitzev, MD

Research Faculty
John Adams, MD (Vice Chair of Research)
Maria-Grazia Ascone, PhD
Paul Bajaj, PhD
Paul Benya, PhD
Fabrizio Billi, PhD
Daniel Boguszewski, PhD
Patricia Campbell, PhD
Daniel Cohn, PhD
Edward Ebramzadeh, PhD
Denis Evesenke, MD, PhD
Eileen Fowler, PhD, PT
Martin Hewison, PhD
Luisa Iruela-Arispe, PhD
Deborah Krakow, MD
Susan Krum, PhD
Timothy Lane, PhD
Philip Liu, PhD
Zhen Lu, PhD
Karen Lyons, PhD
Keith Markolf, PhD
Harry McKellop, PhD
Sang-Hyun Park, PhD
Bruno Peault, PhD
Sophia Sangiorgio, PhD
Fu-Wen Shen, PhD
B. Chia Soo, MD
Kang Ting, DMD
Howard Winet, PhD
Benjamin Wu, DDS, PhD
RECENT FACULTY HONORS/PUBLICATIONS

John Adams, M.D.
1. Named Associate Director of the NIH-funded $81M UCLA Clinical and Translational Science Institute (2011).
2. One of 3 senior editors of the 2082 page, 105 chapter text “Vitamin D”; the seminal book in the area (2011).

Maria-Grazia Ascenzi, Ph.D.
3. Member of Nominating Committee, Orthopaedic Research Society.

Kodi Azari, M.D.

S. Paul Bajaj, Ph.D.

Benjamin Bengs, M.D.
3. Jiang, Jie; Ituarte, Felipe; Shim, Dahaе; Gupta, Varsha; Tran, Dang; Petriгliano, 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.

Nicholas Berntahl, M.D.
1. Fabrizio Billi, Ph.D.

2. 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).

3. Richard Bowen, M.D.

4. 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.

5. John DiFiori, M.D.
   3. Dr. DiFiori was installed as President of the American Medical Society for Sports Medicine in April 2013. The AMSSM is comprised of 2,300 sports medicine physicians whose goal is to provide a link between the

6. Patricia Campbell, Ph.D.
rapidly expanding core of knowledge related to sports medicine and its application to patients in a clinical setting. AMSSM members serve as team physicians at all levels, including the Olympic Games, NFL, NBA, MLB, NCAA, and high schools across the U.S.

Edward Ebrahimzadeh, Ph.D.

Jeffrey Eckardt, M.D.
1. Visiting Professor and Lecturer, Departments of Orthopaedic Surgery, University of California, San Francisco and Geisinger Health System, and Physician of the Year, UCLA Medical Center, Santa Monica, May 2013.

Denis Everseenko, M.D., Ph.D.

Eric Farrell, M.D.

Gerald Finerman, M.D.
1. Professor Emeritus after 42 years of service as a UCLA faculty member including 13 years as Department Chair and 85 NCAA Division I Championships as Team Physician, July 2013.
2. Inducted into the UCLA Athletics Hall of Fame, October 2012.

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

Heather Gillespie, M.D., M.P.H.

Sharon Hame, M.D.
1. Wright RW and Mars Study Group: Hame S.L.: Radiographic findings in Revision ACL Reconstruction


Martin Hewison, Ph.D.


Luisa Iruela-Arispe, Ph.D.


Eric Johnson, M.D.

2. Election as Honorary Trustee, AO Foundation, June 2013.

Kristofer Jones, M.D.


Deborah Krakow, M.D.


Susan Krum-Miranda, Ph.D.

2. Peter Wend, Stephanie Runke, Korinna Wend, Brenda Anchondo, Maria Yesayan, Meghan Jardon, Natalie Hardie, Christoph Loddenkemper, Ilya Ulasov, Maciej S. Lesnialk, Rebecca Wolsky, Laurent A. Bentolila, Stephen G. Grant, David Elashoof, Stephan Lehr, Jean J. Latimer, Shikha Bose, Husain Sattar, Krum SA and Gustavo A. Miranda-Carboni. WNT10B/β-catenin


Zhen Lu, Ph.D.

James Luck, M.D.

Karen Estrada, M.D.
2. Invited speaker, Cartilage Biology and Pathology Gordon Research Conference, Les Diablerets, Switzerland.
3. Elected member, Skeletal Biology: Structure and Regeneration (SBSR) NIH/NIDCR Study Section.

Keith Markolf, Ph.D.


William Oppenheim, M.D.

Sang-Hyun Park, Ph.D.

Bruno Peault, Ph.D.

Robert Pedowitz, M.D., Ph.D.

Frank Petrigliano, M.D.
1. Denis Evseenko, MD, PhD (PI), Frank A. Petrigliano, MD (Co-I). Department of Defense, Peer Reviewed Orthopaedic Research Program (PRORP) Idea Development Award “Identification and manipulation of a novel signaling mechanism to improve articular cartilage restoration after post-traumatic joint injury”. Award Period: 07/01/2013-06/30/2016. Total Award: $780,000

Sophia Sangiorgio, Ph.D.

Anthony Scaduto, M.D.
1. Sangiorgio SN, Borkowski, SL, Bowen RE, Scaduto AA, Frost NL, Ebarmzadeh,E. Quantification of increase in


A. Nick Shamie, M.D.


Fu-Wen Shen, Ph.D.


Mauricio Silva, M.D.


Nelson SooHoo, M.D.


Daniel Vigil, M.D.


3. Team Physician - USA National Team. Pan American Games, Guadalajara, Mexico.

Lewis Zionts, M.D.


Alumni

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 (Tad) 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 Karpetskaya

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, 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

Class of 1967: Drs. Thomas Christianson, John F. Lawrence

Class of 1964: Dr. Syemour Gassner

Class of 1961: Dr. Bruce Robinson

Class of 1960: Drs. William Mullally, Robert Watanabe (deceased 1992)

Class of 1958: Dr. Robert Horne

ALUMNI & FACULTY NEWS

Brian Feeley, M.D. (UCLA residency class of 2007) received the Western Orthopaedic Association’s Young Investigator Award in 2012 for his work on Akt/mTOR activity in muscle atrophy and fatty infiltration after rotator cuff tears in a rot model. He joined the UCSF Department of Orthopaedic Surgery in 2008 as an Assistant Professor in Residence.

George Thompson, M.D. (UCLA residency class of 1977) was honored with the Scoliosis Research Society’s Lifetime Achievement Award in 2013. He is currently Professor of Orthopaedic Surgery and Pediatrics at Case Western Reserve University and Director of Pediatric Orthopaedics at Rainbow Babies and Children’s Hospital, University Hospitals Case Medical Center in Cleveland, OH. He is also Co-Editor of the Journal of Pediatric Orthopaedics.

In addition, congratulations to our Department’s newest members of the American Orthopaedic Association (AOA) Class of 2013: Susan Bukata, M.D. and Anthony Scaduto, M.D. (UCLA residency class of 2002). We also congratulate alumnae Robert Namba, M.D. (UCLA residency class of 1991) for becoming an AOA member in 2013.
DEPARTMENT EVENTS

Orthopaedic Surgery Graduation Dinner
June 7, 2013
Los Angeles, CA

Pictured on right: Residency Program Director Dr. James Luck Jr. with wife Mary

Pictured on left, L-R: Drs. Tony Scaduto, Invited Visiting Professor Bill Garrett, Jeff Eckardt and Bill Oppenheim

Pictured on right: 2013 Resident Teaching Award winner Dr. Eric Johnson (second from right) with UCLA residency class of 2013 from left to right: Drs. Bradley Aspey, Alan Zhang, Jared Johnson, Nikita Bezrukov, Jeremy Reid and Roberto Diaz

Pictured on left: Dr. Dan Oakes (UCLA residency class of 2003) with wife Vanessa (left) and Dr. Sharon Hame (right)
Orthopaedic Welcome Reception
August 24, 2013
Los Angeles, CA

Pictured on left: Associate Residency Program Director Dr. Nelson SooHoo (far left) with PGY1 Class of 2018 from left to right: Drs. Jason Ghodasra, Ajay Gurbani, Vishal Hegde, Eli Kupperman, Andrew Jensen and Kent Yamaguchi

Pictured on right: Residency Program Director Dr. Jim Luck (far left) with PGY2 Class of 2017 from left to right: Drs. Edward Cheung, Erik Dworsky, Chris Lee, Ankur Patel and J. Ben Allis (missing Remi Ajiboye and Obioma Amajoyi)

Pictured on left: OIC/Peds faculty member Dr. Mauricio Silva (left) with peds fellow Dr. Jennifer Beck (right)

Pictured below: Hand Fellowship Program Director Dr. Prosper Benhaim (left) with hand fellow Dr. Aaron Berger (right) – missing fellow Dr. Richard Ackerson
Donors to the Orthopaedic Department / Resident Education
Alumni, Faculty, Friends
(Since July 2010)

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

Faculty and Friends
Margot and Thomas Barron, Friends
Benjamin Bengs, M.D., Faculty
Donald and Nancy de Brier, Friends
Gerald Finerman, M.D., Faculty
Joaquin Fuster, M.D., Friend
Walter Jennings, M.D., Friend
Theo and Wendy Kolokotrones, Friends
William Oppenheim, M.D., Faculty
Gene and Maxine Rosenfeld, Friends
William Swanson, M.D., Friend
The Elizabeth Foundation, Friends

TAX-DEDUCTIBLE DONATIONS

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

Online:
www.giving.ucla.edu/orthopaedicsurgery

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

IN MEMORIAM

Residents
Robert Watanabe, M.D. (1992)
Class of 1960
Class of 1971
Ronald Lamb, M.D.
Class of 1975
Class of 1978
Roderick Smith, M.D. (1977)
Class of 1979
Jan Stehlik, M.D. (1983)
Class of 1981
David Fisher, M.D.
Class of 1988
Class of 1989
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