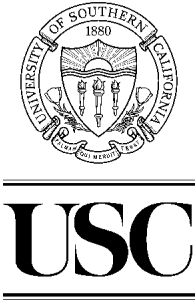


2005-2006 USC ORTHOPAEDIC RESIDENCY PROGRAM



Michael J. Patzakis, MD

*Professor and Chairman
The Vincent and Julia Meyer Chair*

*Program Director
Department of Orthopaedic Surgery*

David B. Thordarson, MD

*Professor and Vice Chair
Associate Residency Director
Department of Orthopaedic Surgery*



Healthcare Consultation Center II



LAC+USC Medical Center Replacement Facility

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- LAC+USC MEDICAL CENTER • USC UNIVERSITY HOSPITAL •
- RANCHO LOS AMIGOS MEDICAL CENTER •
- CHILDRENS HOSPITAL LOS ANGELES • KAISER BALDWIN PARK •



LAC +USC MEDICAL CENTER REPLACEMENT FACILITY PLANS



Michael J. Patzakis, M.D.
Professor and Chairman
The Vincent and Julia Meyer Chair
Chief of Orthopaedic Surgery Service
USC University Hospital
and LA County+USC Medical Center

Faculty

Nunzio Bottini, M.D.
Matthew Camuso, M.D.
Timothy P. Charlton, M.D.
J. Dominic Femino, M.D.
Baruch Frenkel, D.M.D., Ph.D.
George F. (Rick) Hatch, III, M.D.
Paul Holtom, M.D.
John M. Itamura, M.D.
Robert M. Kay, M.D.
Jackson Lee, M.D.
Mike M. Lehoang, M.D.
Donald B. Longjohn, M.D.
Lawrence R. Menendez, M.D.
Paul F. Merkle, M.D.
Caroline Mosessian, Ph.D.
William Mouradian, M.D.
Daniel A. Oakes, M.D.
Richard A.K. Reynolds, M.D.
Francis J. Schiller, M.D.
Stephen B. Schnall, M.D.
Lane E. Shepherd, M.D.
David L. Skaggs, M.D.
Elisheva Smith, Ph.D.
Mark Spoonamore, M.D.
Milan Stevanovic, M.D., Ph.D.
David B. Thordarson, M.D.
James E. Tibone, M.D.
Vernon T. Tolo, M.D.
C. Thomas Vangsness, Jr., M.D.
Kelly G. Vince, M.D.
Jennifer M. Weiss, M.D.
Tishya Wren, Ph.D.
Charalampos Zalavras, M.D., Ph.D.
Lewis E. Zions, M.D.

INTRODUCTION

The Residency Program draws upon the best resources of four affiliated institutions in the Los Angeles metropolitan area to provide a broad, well-balanced educational experience. The faculty consists of 30 full-time clinical and research specialists in all areas of orthopaedics, trauma, reconstructive surgery, pediatric orthopaedics, hand surgery, foot surgery, sports medicine, joint replacement, spine surgery, orthopaedic oncology, orthopaedic infection, and the basic sciences. In addition, 150 voluntary faculty also contribute to resident education. Each faculty member brings expertise in his or her specialized area through participation in teaching rounds, instruction in clinics and surgery, formal teaching conferences, and research.

Application

We are currently participating in the Electronic Residency Application Service (ERAS).

The USC Orthopaedic Residency Program requires the following application materials:

- Completed Application
- Scores of Part I and Part II (if taken) of the United States Medical Licensing Exam (USMLE), National Board of Medical Examiners (NBME) or FLEX
- Personal Statement
- Medical School Transcript
- Dean's Letter
- Three (3) Letters of Recommendation Completed by Physicians

The deadline for receipt of application materials is November 1st. For further information and application materials, please contact your Dean's Office at your home institution. Foreign medical students should apply through the Education Commission for Foreign Medical Graduate Services.

RESIDENCY PROGRAM

Curriculum is based upon requirements set by the American Board of Orthopaedic Surgery.

| | PGY-1 | PGY-2 | PGY-3 | PGY-4 | PGY-5 |
|-------------|-----------------------|----------------------|-----------------------|----------------------|----------------------|
| Rotation 1 | Orthopaedics | Trauma | Trauma | Trauma | Trauma |
| Rotation 2 | Orthopaedics | Trauma | Trauma | Trauma | Trauma |
| Rotation 3 | Orthopaedics | Trauma | Trauma | Trauma | Trauma |
| Rotation 4 | General Surgery | Trauma | Trauma | Trauma | Trauma |
| Rotation 5 | General Surgery | Pediatrics | Pediatrics | Adult Reconstruction | Pediatrics |
| Rotation 6 | General Surgery | Pediatrics | Pediatrics | Adult Reconstruction | Pediatrics |
| Rotation 7 | Surgical Subspecialty | Spine | Sports Medicine | Orthopaedic Oncology | Adult Reconstruction |
| Rotation 8 | Surgical Subspecialty | Foot | Adult Reconstruction | Spine | Adult Reconstruction |
| Rotation 9 | Infectious Disease | Hand | Adult Reconstruction | Sports Medicine | Sports Medicine |
| Rotation 10 | Diagnostic Radiology | Adult Reconstruction | Orthopaedic Infection | Hand | Hand Surgery |
| Rotation 11 | Microsurgery | Vacation/Elective | Vacation/Elective | Vacation/Elective | Vacation/Elective |
| Rotation 12 | Neurosurgery | | | | |
| Rotation 13 | Vacation | | | | |

Master Schedule

Resident rotations are determined a year in advance, based on the grid provided in the Resident Schedule Monthly Rotations. A more specific individual schedule is provided a year in advance.

Call Schedules

Within the Master Schedule of rotations, each hospital develops its own internal call schedules, which determine weekly working hours. As with all residency training programs at LAC+USC Medical Center, the Department of Orthopaedics complies with the basic guidelines established by the Office for Graduate Medical Education at the Medical Center. These guidelines are based on a 1991 California legislative bill, which had it passed, would have become law.

- Regular working hours generally do not exceed 80 hours per week on any service
- On-Call assignments are limited to a maximum of 1 in 3 nights
- Residents receive at least one 24-hour period per week, free from all patient care responsibilities
- Emergency Room shifts are limited to 12 hours

Time Away from Program Duties

In addition to at least one 24-hour period each week, every resident receives one month paid vacation, 3 days of educational leave, and 12 days of sick leave annually.

RESIDENCY PROGRAM (PGY-1 & PGY-2)

Internship: PGY-1

The Board requires 12 months of general education, which is satisfied in the internship year (PGY1). The first year of training is organized into thirteen 28-day rotations in orthopaedics and other services relevant to the care of patients. As orthopaedic interns are considered part of the surgical internship pool, these rotations are assigned by the Office for Graduate Medical Education, with consideration of the specialized educational needs of orthopaedic residents.

- Orthopaedics (3 rotations)
- General Surgery (3 rotations)
- Surgical Subspecialties (2 rotations)
- Infectious Disease
- Diagnostic Radiology/Oncology
- Neurosurgery
- Plastic Surgery (Microsurgery)
- Vacation (4 weeks)

Residency Program PGY-2

The formal residency begins in PGY-2. The Board requires all residents to complete 12 months of trauma, 12 months of adult orthopaedics, 6 months of basic science and/or clinical specialities, and 6 months of pediatrics. The resident must spend 4 years in a program whose curriculum is determined by an orthopaedic residency director. Rotations are organized to assure increasing responsibility and exposure to all aspects of orthopaedics as residents grow in knowledge, skills, and maturity.

Orthopaedic Trauma (4 months)

In trauma rotations, PGY-2 residents learn to manage acute orthopaedic problems emergently and electively. Residents learn pre-and post-operative care of patients. They begin to operate under the supervision of attending physicians and senior residents. In the trauma out-patient clinic, PGY2 residents see patients and present them to the senior resident and attending physicians who staff the clinic. This encourages the residents to make recommendations regarding patient management. The residents also learn techniques in traction, casting, and minor surgery during this time.

Pediatrics (2 months)

Residents spend about 2 months at Childrens Hospital Los Angeles gaining exposure to neurological, congenital, developmental, and traumatic conditions in children through surgery and out-patient clinics.

Rehabilitation/Amputee Service (1 month)

Residents spend 1 month at Rancho Los Amigos Medical Center where they learn to manage chronic and debilitating conditions of neurological, congenital, metabolic, infectious and traumatic origins. They are taught basic prosthetics and orthotics during this time.

RESIDENCY PROGRAM (PGY-2 & PGY-3)

Spine (1 month)

This time is spent at the LAC+USC Medical Center on the Spine Service. The residents gain exposure through in-patient care and surgery as well as out-patient services. Multiple conferences are held on a weekly basis.

Hand Surgery (1 month)

Residents on the Hand Service participate in surgery at LAC+USC Medical Center and the H. Claude Hudson Comprehensive Health Center. This rotation provides residents with comprehensive training in all aspects of hand surgery, including acute trauma, congenital, reconstructive, and microvascular surgery of the hand. Hand clinic is held at LAC+USC Medical Center.

Foot (1 month)

Residents spend 1 month on the Foot and Ankle service at LAC+USC Medical Center and University Hospital.

Vacation/Elective (1 month)

Clinical and research exposure to an orthopaedic subspecialty selected by the resident.

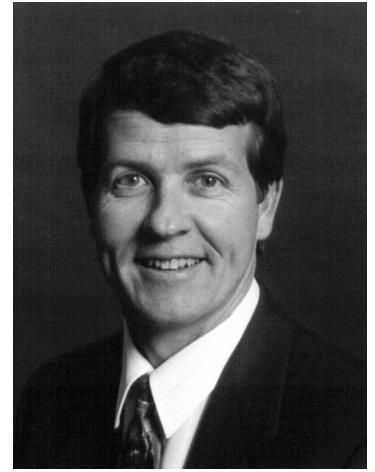
Residency Program PGY-3

Trauma (4 months)

The trauma rotation consists of trauma surgery, emergency room, and trauma consultations. In the Emergency Room at the LAC + USC Medical Center, residents participate in the management of orthopaedic patients. During the third rotation of PGY-3 trauma, residents are responsible for all routine orthopaedic consultations in LAC + USC Medical Center. Daily rounds with faculty and senior residents are carried out.

Pediatric Orthopaedics (2 months)

The PGY-3 resident is given increased clinic and surgical responsibilities on the pediatric services at either Childrens Hospital or the LAC + USC Women's and Children's Hospital



David B. Thordarson, MD
Professor and Vice Chair
Associate Residency Director

Chief of Staff,
USC University Hospital

2005-2006 Chief Residents

Keith W. Johnson, MD
Michael Michlitsch, MD

RESIDENCY PROGRAM (PGY-3 & PGY-4)

Adult Reconstructive Service (2 months)

At USC University Hospital, PGY-3 residents participate in total joint surgery and in the management of adult orthopaedic problems with the full time faculty whose practices are limited to spine surgery, hand surgery, joint replacements, arthroscopy, orthopaedic infections, oncology, foot and ankle surgery, and trauma complications.

Orthopaedic Infection (1 month)

At the LAC+USC Medical Center, residents participate with the faculty in the treatment of bone and joint infections. The orthopaedic infection service has a dedicated ward that averages 25 in-patients per day. Elective surgery is performed one and a half days a week and patients are seen in the clinic two days a week.

Sports Medicine (1 month)

Residents spend 1 month at LAC + USC Medical Center, gaining exposure to sports medicine.

Vacation/Elective (1 month)

Clinical and research exposure to an orthopaedic subspecialty selected by the resident.

Residency Program PGY-4

Trauma (4 months)

PGY-4 residents return to LAC+USC Medical Center where they resume participation in their original team to provide a more advanced level of treatment. They will be able to further evaluate the results of the treatment provided by their team the previous year. In addition to the emergency trauma admitting day, each team is assigned to elective surgery and clinics.

Arthritis/Orthopaedic Reconstruction (1 month)

Residents spend one month on the Arthritis service at Rancho Los Amigos Medical Center. Residents are exposed to three days of surgery per week at each institution and office visits for pre- and post-operative management.

Adult Reconstructive Surgery (1 month)

Residents spend time at Kaiser Baldwin Park concentrating on the management of adult orthopaedic problems with exposure to arthroscopic, sports medicine, and general orthopaedic cases.

Orthopaedic Oncology Service (1 month)

At LAC+USC Medical Center, Norris Cancer Hospital, and USC University Hospital, residents work in close association with the Oncology faculty in the management of adult and pediatric benign and malignant musculoskeletal tumors. Elective surgery is performed three days per week. Clinics and office visits provide residents pre- and post-operative management.

RESIDENCY PROGRAM (PGY-4 & PGY-5)

Hand Surgery (1 month)

Residents on the Hand Service participate in surgery at LAC+USC Medical Center and the H. Claude Hudson Comprehensive Health Center, and USC University Hospital. This rotation provides residents with comprehensive training in all aspects of hand surgery, including acute trauma, congenital, reconstructive, and microvascular surgery of the hand. Hand clinic is held at LAC+USC Medical Center.

Spinal Disorders (2 months)

This service at USC University Hospital is split between in-patient and out-patient treatment of the spine. Particular emphasis is on spinal deformities and spine injuries.

Sports Medicine (2 months)

This service at LAC + USC Medical Center and H. Claude Hudson Comprehensive Health Center are divided between in-patient and out-patient treatment of sports problems. The particular emphasis is on acute and chronic sports injuries.

Vacation/Elective (1 month)

Clinical and research exposure to an orthopaedic subspecialty selected by resident.

Residency Program PGY-5

PGY-5 is composed of rotations in trauma orthopaedics (LAC + USC Medical Center), adult reconstructive orthopaedics (LAC + USC Medical Center and Kaiser Baldwin Park), pediatric orthopaedics (LAC + USC Medical Center or Childrens Hospital), sports medicine and hand surgery (LAC + USC Medical Center). These rotations for PGY-5 residents are similar in format to those outlined for PGY-2, 3, and 4 residents. However, the level of responsibility and independence is much greater for senior residents. Residents participate in consultation and pre-operative decisions regarding surgery, serve as primary surgeon or first assistant, and organize post-operative management within the hospital and out-patient clinics within the department. PGY-5 residents also serve as administrative managers of their respective services.

Two of our PGY-5 residents are selected yearly by the faculty to function as Chief Residents. They are given advanced responsibilities in teaching, organization and administration. Chief Residents attend faculty meetings and retreats as well as provide input from the residents. Nonetheless, the Chief Residents are expected to continue with their regular involvement in the above curriculum.

Vacation/Elective

Clinical and research exposure to an orthopaedic subspecialty selected by resident.

AFFILIATED HOSPITALS

Los Angeles County+University of Southern California Medical Center

LAC+USC Medical Center is one of the largest teaching centers in the world, with over 1,400 beds in its two hospitals (General Hospital, Women's and Children's Health Hospital). This is the parent institution of the Residency Program. The Department of Orthopaedics is organized by specialty services: trauma, reconstructive surgery, sports medicine, hand surgery, orthopaedic infections, foot surgery, spine surgery, pediatric orthopaedics, musculoskeletal oncology, and pelvic fractures and acetabular surgery.

There are over 3,733 orthopaedic admissions and more than 52,035 adult orthopaedic out-patients each year. This large patient population affords the residents a wide range of clinical problems to evaluate and treat, provides significant hands on experience in surgery and clinics, and offers a wealth of material for clinical research. Our biomechanics laboratory is located on the USC Health Science Campus, adjacent to the medical center. Residents spend approximately one-half of their training at the medical center, working with the full-time and voluntary clinical faculty.

USC University Hospital

The USC University Hospital serves as headquarters for the private practice in-patient activities of the USC medical faculty, and offers a sophisticated level of diagnostic and treatment services that is beyond the scope of care typically found in community hospitals. The 238-bed hospital is best described as a specialty teaching hospital, which houses the Institute for Bone and Joint Infections, the Center for Arthritis and Joint Replacement, the Center for Musculoskeletal Oncology, Orthopaedic Spine Center and Hand Center. Orthopaedic specialty areas include trauma, arthroscopic surgery, foot/ankle surgery, arthritis and joint reconstruction. Pediatric patients are seen at Childrens Hospital, Los Angeles.

Rancho Los Amigos Medical Center

Rancho Los Amigos Medical Center is a 245-bed facility, with 556 adult orthopaedic admissions and 7,600 adult outpatient visits annually. Residents on rotations at Rancho Los Amigos Medical Center receive training in adult reconstruction and rehabilitation. Resident rotations include arthritis, joint replacement, spinal cord injury and the diabetic foot service. Rehabilitation management is incorporated in all services. Rancho Los Amigos Hospital houses a world-renown Pathokinesiology Laboratory, which conducts sophisticated studies dealing with numerous acquired and traumatic neuromuscular disorders.

Childrens Hospital Los Angeles

Childrens Hospital Los Angeles (CHLA), one of the leading pediatric hospitals in the country, provides pediatric orthopaedic rotations for the residents. A wide variety of pediatric orthopaedic conditions are treated at CHLA, from the simple to the most complex. The only level 1 Pediatric Trauma Center in Los Angeles is located here. Childrens Hospital provides the opportunity for the residents to gain exposure to neuromuscular, congenital, developmental, and traumatic conditions in children. An active gait laboratory, for both clinical and research purposes, is located in the hospital.

AFFILIATED HOSPITALS & LIBRARIES

Kaiser Permanente Hospital, Baldwin Park

The Kaiser Permanente Hospital at Baldwin Park, CA, is a community-based hospital with 175 in-patient beds. Two orthopaedic residents from University of Southern California rotate through this facility and are exposed to adult reconstructive procedures. They work with six attendings who have faculty clinical appointments with the USC Department of Orthopaedic Surgery. There are approximately 1,500 adult reconstructive procedures performed annually. Approximately 500 cases are joint arthroplasty cases with over 95% being primary cases. Over 1,000 arthroscopic and sports medicine cases are performed annually. The best aspect of this rotation is that residents are exposed to general orthopaedic cases seen in the community, and that they receive a “hands-on” experience.

Libraries

Norris Medical Library on the USC Health Sciences Campus has an extensive orthopaedic section. The affiliated hospitals also have libraries which have current and past orthopaedic periodicals and reference books. Faculty and alumni have donated funds to establish the John C. Wilson, Jr., M.D., Resident Library, located at LAC+USC Medical Center. A library committee composed of faculty, alumni and residents makes recommendations regarding the purchase of equipment, books and journal subscriptions.

SALARY & BENEFITS

Salaries and benefits are negotiated annually and are subject to change.

- PGY-1 \$36,815
- PGY-2 \$41,187
- PGY-3 \$44,627
- PGY-4 \$48,090
- PGY-5 \$51,461

Health, Dental And Life Insurance

All residents may elect basic group health, dental and life insurance benefits and coverage offered by Los Angeles County/USC, which pays the monthly insurance premiums for the resident. Dependent coverage is available; however, the resident is responsible for paying a percentage of the premium.

Professional Liability

During the time a resident is assigned to a service in any affiliated institution, he or she is covered by the institution's personal liability policy.

Meals

Meals are provided while on duty.

Uniforms

Uniforms are provided.

Parking

Facilities are available for all residents.

PROGRAM RESIDENTS

Post Graduate Year I

Jaron Andersen, Keck School of Medicine of the University of Southern California
Piers Barry, Keck School of Medicine of the University of Southern California
Thomas Day, Jefferson Medical College of Thomas Jefferson University
Ryan Dellamaggiora, Keck School of Medicine of the University of Southern California
Amirhesam Ehsan, University of California, Irvine, College of Medicine
Norah Harvey, David Geffen School of Medicine at UCLA
Kenneth Huh, Northwestern University, The Feinberg School of Medicine
Paul Naumann, Oregon Health and Science University
Reza Omid, The Chicago Medical School at Rosalind Franklin University of Medicine and Science
Antoinette Wong, Columbia University College of Physicians and Surgeons

Post Graduate Year II

Eric Bava, University of Southern California
Madhav Boddula, State University New York College of Medicine
Leah Cyran, Boston University School of Medicine
Adam Franklin, UC Irvine College of Medicine
Lance Ho, State University New York College of Medicine
Sina Kasraeian, University of Southern California
Babak Samimi, UCLA School of Medicine
Brian Snow, University of Southern California
Daniel Stephenson, University of Southern California
Suketu Vaishnav, University of Southern California

Post Graduate Year III

Tamara Alexandrov, University of Southern California
Amar Arora, University of Southern California
Rishi Garg, University of Southern California
Michael Hahn, University of Southern California
John Lee, University of Southern California
Betsy McAllister, University of Texas San Antonio
Brent Ogawa, University of Hawaii
John Redfern, University of Texas Southwestern - Dallas
Anshu Singh, University of California, San Francisco
Ian Stine, University of Southern California

Post Graduate Year IV

Daniel Allison, Baylor College of Medicine
Vladimir Bozic, State University New York College of Medicine
Danny Chan, Boston University School of Medicine
Yuri Falkinstein, UC Irvine College of Medicine
Jeffrey Margolis, State University New York College of Medicine
Marty Reed, University of Southern California
Ravi Tharani, UCLA School of Medicine
Michael Vercillo, Georgetown University School of Medicine
Jaclyn Wey, Tufts University School of Medicine
Kimberley Wirsing, Northwestern University

Post Graduate Year V

Aaron T. Baxter, University of Southern California
Emory C. Chang, UC San Diego
Brent W. d'Arc, University of Southern California
Javier F. Descalzi, University of Southern California
Keith W. Johnson, Boston University
Galen S. Kam, Creighton University
Michael G. Michlitsch, University of Southern California
Kevin J. Pelton, University of Texas Southwestern - Dallas
Varqa Rouhipour, University of Texas San Antonio
Christopher J. Woodson, University of Southern California

PROGRAM GRADUATES

2005 Alumni

Elke R. Ahlmann, University of Southern California
Albert K. Chong, University of Southern California
Michael W. Cluck, Creighton University
Christine A. Ho, UT Southwestern - Dallas
Stepan O. Kasimian, Meharry Medical College
James C. Kasper, University of Southern California
Armond G. Khachatourians, University of Southern California
Gregory R. Lercel, George Washington University
Michelle D. Money, Columbia P & S
James J. Reid, Albert Einstein

2004 Alumni

Jack Chen, USC School of Medicine
Kasey D. Cortese, Tufts University
Steve S. Goldberg, UMDNJ-New Jersey
Neeraj Gupta, Northwestern University
Christopher J. Hanssen, U T Med Branch
Jason T. Huffman, Jefferson Medical College
Anil K. Koganti, Emory University
Brett A. Leake, St. Louis University
Kathleen A. Savage, USC School of Medicine
Joseph Yu, USC School of Medicine

2003 Alumni

Vahan Cepkinian, USC School of Medicine
Torin Cunningham, UC San Diego
Todd Dietrick, USC School of Medicine
Mark Grippi, Boston University
Murali Moorthy, USC School of Medicine
Soheil Motamed, New York University
Richard Rose, New York Medical College
Robert Watkins, USC School of Medicine
Shirvinda Wijesekera, Boston University
Eli Ziv, UC Irvine

2002 Alumni

Soheil Aval, USC School of Medicine
Jacob Chun, USC School of Medicine
Raymond Gardocki, USC School of Medicine
Michael Gerhardt, Medical College of Pennsylvania
Nathan Greene, Jefferson Medical College
Graham Hurvitz, St. Louis University
John Kelly, Georgetown University
Chris Meckel, USC School of Medicine
Vahe Panossian, UC Los Angeles
Chris Tang, UC San Francisco

2001 Alumni

Douglas Abbott, UC San Diego
Michael Bollinger, USC School of Medicine
Pierre Durand, USC School of Medicine
Jill Harrell, St. Louis University
Glenn Huber, Boston University
Charles Moon, New York Medical College
Steve Mora, UC Irvine
Adrian Obuch, USC School of Medicine
Candice Pfeiffer, USC School of Medicine
Trieu Tran, USC School of Medicine

2000 Alumni

Ravi Bains, USC School of Medicine
Daniel Davis, Loyola Stritch School of Medicine
Sean Early, Georgetown University
Anoushiravan Ehya, USC School of Medicine
Steven Kautz, USC School of Medicine
Philip Krewer, USC School of Medicine
Gary Matthys, University of North Dakota
Raffy Mirzayan, USC School of Medicine
Michael Reyes, University of Pennsylvania
Michael Samuelson, Medical College of Wisconsin
Herrick Siegel, New York University
Nicholas Stratton, UC Irvine

1999 Alumni

Steven Bast, USC School of Medicine
Glenn Cohen, State University New York, Brooklyn
William Costigan, USC School of Medicine
Michael Fraipont, USC School of Medicine
Alidad Ghiassi, USC School of Medicine
Scott Herron, Michigan State University
Kai Jaki, UC Davis
Henry Krull, Northwestern University
Stephen Owens, Loyola University
Dorothy Richardson, University of Kentucky, Louisville
Leslie Shokes, George Washington University
Gregory Tchejyan, USC School of Medicine

1998 Alumni

Karim Abdollahi, Chicago Medical School
Jae Chon, University of Pittsburgh
Enass Eskandar-Rickards, USC School of Medicine
Anthony Ferrara, USC School of Medicine
Navid Ghalambor, USC School of Medicine
Bradley Greenbaum, USC School of Medicine
Gregory Heinen, Yale University
Kevin Hilton, Kansas University
Andre Ishak, Tufts University
Kyle Landauer, University of Kansas
Mark Perlman, UC San Diego
David Seidman, USC School of Medicine