Who are we?

25 Residents per class

13 Fellowships in Cardiothoracic, Critical Care, Informatics, Liver, Neuro, OB, Pain Medicine, Pediatric, Pediatric Cardiac, Perioperative, Regional and Acute Pain Medicine, Thoracic, Basic Science and Clinical Research

134 Clinical Anesthesiology Faculty

47 Nurse Anesthetists

8 NIH-funded lab groups and top 5 in total funding
OUR DEPARTMENT

Our department is home to many physicians who are professors in the UCLA David Geffen School of Medicine (DGSOM), and many serve in national societies and on medical boards. Five faculty members serve on journal editorial boards. In addition, several faculty members are invited reviewers for major medical journals.

SCHOOL OF MEDICINE AND ENTERPRISE LEADERSHIP

Anesthesiology faculty are actively involved in our institution's governance. Our Interim Chair, Dr. Barbara Van de Wiele, is on the Faculty Group Practice Board. Dr. Philip Levin is the current CMO at UCLA Medical Center, Santa Monica. Dr. Randy Steadman is a former Chief of Medical Staff and currently sits on the Medical Staff Executive Committee, along with Dr. Swati Patel. Drs. Richard Hong, Jennifer Nguyen-Lee, Michael Sopher and Randy Steadman hold leadership roles in the DGSOM, and all OR Directors are anesthesiologists.
Chief Residents
Three representatives elected by the CA-1 - CA-3 class and faculty each year.

Class Representatives
Six residents elected by their peers each year.

Education Steering Committee
Chief residents and class representatives meet monthly with the department chair and faculty education leaders to actively address all areas of education and resident concerns.

Resident Wellness Committee
Peer-selected representatives secure department funding, address concerns and organize events on behalf of the residency program.

RESIDENT INVOLVEMENT IN MEDICAL SOCIETIES
Our residents benefit from department support and personal coaching by faculty members involved in medical societies.

Membership fees for four professional societies are covered by the department, and residents are allowed 5 days of protected time for meetings and conferences.

Three residents serve as California Society of Anesthesiologists (CSA) delegates each year.

RESIDENT INVOLVEMENT IN THE COMMUNITY
Project Lead the Way (PLTW)
Our residents collaborate with Project Lead the Way and the California Society of Anesthesiologists to support STEM education in high schools. Residents visit classrooms, discuss anesthesiology and healthcare careers with students, and give hands-on demonstrations of airway rescue techniques.

Students visit our campus to observe our residents in action at the Simulation Center. Read the full article about our recent work with PLTW in Open Circuit. Read More >

Former resident Christopher Dinh, MD, at right gets involved in the California legislative process in February 2018 with Associate Professor and CSA Immediate Past President Karen Sibert, MD, and CA assemblymember Catherine Baker.
Where does training take place?

WESTWOOD CAMPUS
The UCLA main campus is located in Westwood, Los Angeles and houses the Ronald Reagan-UCLA Medical Center (RRMC), a state-of-the-art quaternary care hospital with a Level 1 Trauma Center, the Mattel Children’s Hospital, and the Westwood Ambulatory Surgery Center (ASC).

Rotations at the Westwood campus include:
- RRMC Main OR
- Ambulatory Surgery Center
- Wasserman Eye Institute
- Labor and Delivery
- CTICU / SICU
- Offsite anesthesia:
  - Cardiac Cath/EP labs
  - Interventional radiology
  - MRI/CT
  - Pediatric procedure rooms
  - GI laboratories
  - ECT

Training at the RRMC campus includes exposure to complex cases and cutting edge modern medical techniques. UCLA is the #1 hospital for organ transplants in the US.

SANTA MONICA CAMPUS
The Santa Monica campus includes the Santa Monica-UCLA Medical Center and Orthopedic Hospital (SMH), a 265-bed hospital with an orthopedic focus, the Santa Monica Surgery Center (SMSC), and the Santa Monica Comprehensive Pain Center. The campus is a short drive from the Westwood campus and is located in a neighborhood favored by young professionals and families.

Rotations at the Santa Monica campus include:
- SMSC operating rooms (emphasis on orthopedics and regional anesthesia)
- Outpatient surgery center (SMSC)
- Cath labs/Interventional Radiology
- Chronic Pain
AFIILIATED HOSPITALS

Although the UCLA Hospitals treat a wide variety of medical conditions, our residents benefit from intensive training at neighboring specialty hospitals.

Veterans’ Administration (VA)
The West Los Angeles-VA Medical Center is home to our PGY-1 residents. The VA hospital is located 5 minutes from the Westwood campus and led by UCLA faculty.

Children’s Hospital Los Angeles (CHLA)
In addition to rotations at the Mattel Children’s Hospital at UCLA, our residents gain additional exposure to pediatric cases at CHLA.

Long Beach Memorial Hospital (LBMC)
Extended training in Obstetric Anesthesiology is gained in this busy community hospital setting.

Olive View-UCLA Medical Center (OV-UMC)
Multispecialty OR training with a focus on regional anesthesia, and thoracic and vascular surgery cases, with a team of dedicated faculty.

Residents enjoy one of the many hiking trails near campus.
PGY-1: Clinical Base Year

UCLA offers a completely medicine-based categorical program. Our four-year residency begins with a clinical base year curriculum focused on preparation for future training in anesthesiology.

The CBY curriculum includes thirteen blocks (4-week rotations) on medical/surgical units primarily at the West Los Angeles VA Hospital, with a one-month introduction to clinical anesthesiology and additional subspecialty rotations at RRMC.

PGY-1 residents gain experience in perioperative medicine covering the hospitalist, gynecology, orthopedics, podiatry, radiology, ophthalmology and oral maxillofacial services.

Our resident case logs far exceed ACGME requirements in all categories, with a mean of 1328 cases logged, excluding pain consults.

CA-1 Year

The first full year of clinical anesthesiology includes training in all of the major clinical units and five subspecialties.

Rotations
- RRMC and SMH Main OR
- Wasserman Eye Institute OR
- Ambulatory Surgery Center
- Perioperative Management
- Regional Anesthesiology (OV-UMC, SMH, VA)
- ICU (RRMC CTICU/SICU and West LA VA SICU)
- Neuroanesthesiology
- Acute Pain

CA-2 Year

Explores different subspecialties and adds exposure to critical care environments.

Rotations
- Obstetric Anesthesiology (RRMC & LBMC)
- Pediatric Anesthesiology (RRMC & CHLA)
- Cardiac Anesthesiology
- Liver Transplantation Anesthesiology
- Anesthesiology for Thoracic Surgery
- Anesthesiology for Vascular Surgery
- Chronic Pain (Santa Monica)
- Regional Anesthesiology (Santa Monica)
- PACU
- ICU (RRMC CTICU/SICU)
CA-3 Year

Additional exposure to high-risk cases. Subspecialty and research electives, international opportunities and training in practice management.

Rotations

- Cardiac Anesthesiology (RRMC and VA)
- Regional Anesthesia (OVMC, Santa Monica & VA)
- Subspecialty electives (Pediatric Anesthesiology, Head and Neck, Airway Management, Thoracic, Neuroanesthesiology)
- OB (LBMC)
- Simulator elective (RRMC)
- Research elective
- International opportunities
- ICU (RRMC CTICU/SICU)
- Practice Management

After Residency

Fellowship Opportunities

Our department offers numerous competitive fellowship training programs. View details on our website.

ACGME-accredited fellowships

- Anesthesiology Critical Care Medicine >
- Cardiothoracic Anesthesiology >
- Combined Cardiac / Critical Care Medicine
- Pain Medicine >
- Pediatric Anesthesiology >

Non-ACGME fellowships

- Basic Science and Clinical Research Informatics >
- Liver Transplantation Anesthesiology >
- Perioperative Medicine >
- Neuroanesthesiology >
- Obstetric Anesthesiology >
- Pediatric Cardiac Anesthesiology >
- Perioperative Medicine >
- Regional Anesthesiology and Acute Pain Medicine >
- Thoracic Anesthesiology >

Non-ACGME fellows are also appointed as Clinical Instructors.
Didactic Program

Our program includes longitudinal, level-specific and rotation-specific didactics during protected time. Additional hands-on training in our state-of-the-art Simulation Center gives residents the confidence to make critical decisions during patient care.

[View current Grand Rounds schedule >]
[View current Didactic schedule >]

LEVEL-SPECIFIC

- 1-month PGY-1 introduction to anesthesiology.
- Case conferences, lectures, written and oral board review.
- Workshops:
  - Regional Anesthesiology
  - TEE/TTE
  - Airway
  - Central lines
  - Anesthesia machines
  - Neuroanesthesiology emergencies
  - Pediatric emergencies
  - Obstetric Anesthesiology
  - Neonatal emergencies

LONGITUDINAL PROGRAMS

- CA-1 and CA-3 point-of-care ultrasound workshops
- CA-3 practice management series with department and hospital leadership
- CA-3 oral board and OSCE review sessions
- Quality improvement curriculum
- Career Development curriculum
- Wellness sessions and events
- Journal Clubs that are specialty-specific and organized by separate classes with research faculty
- Risk Management Series
- Patricia A. Kapur, MD Visiting Professor Program

SIMULATOR PROGRAM

The UCLA Simulation Center is a fully staffed, 9000 square foot MOCA 2.0 endorsed medical simulation facility on campus.

During simulation sessions, trainees treat patients in realistic patient care rooms while instructors direct actors or control smart manikins from an adjoining control room.

- **PGY-1**: Weekly sessions during their month-long introduction to anesthesiology
- **CA-1 - CA-3**: Critical incident sessions with a class size of just 4 residents.
  - Class-specific and specialty-specific simulation skills labs
  - Annual anesthesiology-specific ACLS certification course
  - Annual anesthesiology-specific PALS/NRP course

rotation-specific

- Airway Management
- Echocardiography
- Regional Anesthesiology
- Acute Pain & Chronic Pain
- Pediatric Anesthesiology
- Critical Care Medicine
- Cardiac Anesthesiology
- Journal Clubs
COMMITMENT TO EDUCATION
Our program strikes a carefully managed balance between clinical experience and education.

Relief
Relief from clinical duty is provided for Tuesday didactics, simulator sessions, committee meetings, our resident retreat, and exams.

Call
Pre-call residents are relieved on a priority basis. CA-1 residents do not cover in-house call during their first month, and residents on PACU rotations do not take weekday call. Overnight call typically ends at 7am and is followed by 24 hours off.

- Westwood Main OR: Q 5-6 days or 5-6 in-house calls/month.
- Westwood Cardiac: Q 4-5 days (home call)
- Long Beach: Four 12-hour shifts
- Santa Monica: 1st call q 3-4 days (home call)
- CTICU: Combination of day/night shifts, 3 24-hour shifts
- VA SICU: Combination of day and night 12-hour shifts, 5 24-hour shifts

Research time
Residents are allowed up to 6 months of research time without a daily OR commitment. Additional time is available for residents accepted into the Anesthesiology Resident Research Pathway or Anesthesiology Resident Scholars Program.

ACGME Work Hours Reported

<table>
<thead>
<tr>
<th>Year</th>
<th>Work Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PGY-1</td>
<td>55.2 hours</td>
</tr>
<tr>
<td>PGY-2 / CA-1</td>
<td>54.7 hours</td>
</tr>
<tr>
<td>PGY-3 / CA-2</td>
<td>52.9 hours</td>
</tr>
<tr>
<td>PGY-4 / CA-3</td>
<td>51.5 hours</td>
</tr>
</tbody>
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RESIDENT FEEDBACK
Resident feedback is vital to the ongoing success of the program. Our residents give feedback via a digital system, through representatives on the Education Steering Committee, and in person.

Residents also participate in an annual program review at our Resident Retreat.
RESIDENT RESEARCH OPPORTUNITIES

Dr. Wu won 1st Place Oral Presentation for “Development of a Universal Design Dual-Lumen Endobronchial Tube (DLT).” Dr. Wu, who recently completed his CA-1 year, was mentored by Nir Hofman, MD, an accomplished inventor. Dr. Russino won 3rd Place Oral Presentation for “Intralipid Improves Left Ventricular Function in Rats with LPS-Induced Cardiac Dysfunction.” Her mentors were Siamak Rahman, MD and Soban Umar, MD, PhD. Dr. Russino also won the 1st Place Resident award at Scientific Evening in 2018.

Dr. Brandal, MD was the first-ever recipient of the ASRA Young Investigator Award for her project “Development and Implementation of a Clinical Decision Support (CDS) Tool for Prescribing Opioids at Discharge from the Hospital: Impact on Chronic Opioid Use After Surgery”. Her mentors were Maxime Cannesson, MD, PhD, and Siamak Rahman, MD. Dr. Brandal’s research on Enhanced Recovery after surgery has been published in A&A.

We put a strong focus on research. Our department offers two advanced research tracks for interested physicians and provides research support for all residents. UCLA is well represented at state and national meetings and consistently ranks in the top 10 nationally among Anesthesiology departments in NIH funding.

SCIENTIFIC EVENING

Our Department’s premier research event, Scientific Evening, is an annual showcase for trainees engaged in basic science, clinical and translational research. Residents are mentored by clinical and research faculty with similar interests. Our residents have many opportunities to interact with and recruit faculty mentors, including our biweekly Research In Progress Seminar.

Our residents take advantage of other opportunities to present their research locally at UCLA, including the UCLA Cardiovascular Symposium. Campus research events provide opportunities for residents to seek feedback in an educational setting before presenting at national events. Five of our faculty members serve on journal editorial boards.

IMAGES

TOP RIGHT: Maxime Cannesson, MD, PhD, presents Nicole Yin, MD, with the Best Overall Award at Scientific Evening 2018.

BOTTOM RIGHT: Marsha Kristel Bernardo, MD, 2nd Place Resident Award winner.
ADVANCED RESEARCH (STAR) PROGRAM

Combined Residency / PhD Program / STAR
Many physicians in training realize that they would like to pursue a career in academic medical research after the opportunity to pursue MD-PhD training has passed. We offer these residents combined clinical and research training in collaboration with UCLA Graduate Programs in Bioscience. Read more >

ANESTHESIOLOGY RESIDENT SCHOLARS PROGRAM

Competitive 5-year research track for promising future clinician scientists. Scholars receive a $10,000 annual stipend beginning in PGY-2.

PGY-1/CBY: Resident completes standard required rotations, identifies research interests and mentors, and meets with mentors every 6 weeks. Up to 2 months of research time is allowed as a PGY-1.

PGY-2 to PGY-3: Resident meets monthly with mentors and submits a formal research project proposal to the Clinical Research Committee (CRC). The CRC re-evaluates projects every 6 months. Up to 3 months of research time is allowed during this time period.

PGY-4: Resident meets with mentors monthly and completes a manuscript for submission. Up to 6 months of research time is allowed as a PGY-4. Read more >

ANESTHESIOLOGY RESIDENT RESEARCH PATHWAY

In this pathway, residents complete up to 11 months of research during residency.

CBY/PGY-1: Resident completes standard required rotations and applies to ARRP. Up to 2 months of research time is allowed as a PGY-1.

PGY-2 to PGY-3: Resident identifies research interests and mentors, meets with mentors every 6 weeks and submits a formal research proposal to the Clinical Research Committee. Up to 3 months of research time is allowed during this time period.

PGY-4: Resident meets with mentors monthly and completes a manuscript for submission. Up to 6 months of research time is allowed as a PGY-4. Read more >

FACULTY RESEARCH INTERESTS

UCLA is home to many notable translational and basic science researchers. Both clinical/translational and basic science research faculty serve as mentors to residents. Read more >

Research at
The Eghbali Laboratory >

Research at
The Wang Laboratory >
International Electives

CA-3 ELECTIVE IN CHINA
John Le, MD trained at SAHZU in 2017. He learned about cultural differences in pain management and hospital operations, while enjoying the region’s culture and sights.

“I was interested in seeing a different health care system. Considering that China has the largest population in the world, I wanted to see how its health care system handles such a demanding patient load while still providing quality medical treatment.” - Dr. Le

ROTATION IN HANGZHOU, CHINA
Through a partnership with the Second Affiliated Hospital of Zhejiang University School of Medicine (SAHZU), our residents have the opportunity to participate in an ACGME-approved clinical and educational rotation at a tertiary medical center in China.

Each year, two residents visit SAHZU to participate in a wide range of clinical experiences, including cardiac anesthesiology, neurosurgical anesthesiology, pain medicine, traditional Chinese medicine and more. Residents participate in morning conference, journal club and case discussions, and learn different techniques to anesthesize patients.

Beyond residency training, UCLA faculty and physicians from SAHZU share knowledge and observe different models of anesthesiology care through visits. Read more >

ROTATION IN MBARRA, UGANDA
This year, CA-3 residents Sophia Poorsattar, MD and Samuel Hong, MD will travel to Uganda with Medicine for Humanity to provide healthcare and train alongside Mbarra University anesthesiology and surgery residents.

The rotation includes hosting a surgical camp providing fistula repair surgery and collaborating with Mbarra University of Science and Technology (MUST) to build a Gynecologic Surgical ward. Residents receive ABA training credit for this rotation.

Ara Vehian, MD chose the Hangzhou elective in 2018. “It was fascinating to see anesthesia practice in Hangzhou. At over 3,200 patient beds with a surgical volume of more than 100,000 cases per year, efficiency was a hallmark.”

“This was a valuable experience for me; I grew as a person and as a physician. I would highly recommend this rotation to future residents.” - Dr. Vehian.

Images
TOP: Samuel Hong, MD.
BOTTOM: Sophia Poorsattar, MD
Benefits

FUNDS AND STIPENDS

Education Fund:
- $500/year PGY-1 to PGY-4
- $1000 incentive bonus CA-1 & CA-2 (based on in-training exam performance)

$6250/year housing stipend

$1600/year meal allowance

Up to $2500 relocation reimbursement

$731 DEA license fee waiver

OTHER BENEFITS

Health insurance with no deductible for non-elective services provided at UCLA

Dental, vision, disability and life insurance

Family member insurance coverage

Retirement savings plan

Confidential, free counseling

5 days meeting time/year CA-1 to CA-3

1 month vacation time/year

Valet parking during RRMC home call days

Round-trip transportation reimbursement for fatigue mitigation

DGSOM benefits

PROFESSIONAL SOCIETY MEMBERSHIPS

Membership fees covered for:
- American Society of Anesthesiologists
- California Society of Anesthesiologists
- American Society of Regional Anesthesia and Pain Medicine
- International Anesthesia Research Society

EDUCATIONAL RESOURCES

Textbooks
- Morgan and Mikhail’s Clinical Anesthesiology
- Barash's Clinical Anesthesia
- Extensive collection of textbooks for loan

Question banks, including M5 Board Review subscription from CA-1 to CA-3