Cedars Sinai
Department of Anesthesiology

Roya Yumul, MD, PHD, CHSE
Program Director
Vice Chair of Academic & Research
Professor of Anesthesiology

Contact Information
310-423-1682
GroupAnesthesiaCoordinators@cshs.org
Residents 2022-2023

PGY-4/CA-3
- Leah Baum, MD – Temple University
- Alexander Betz, MD – Geisinger Commonwealth
- Leah Breen, MD – George Washington University
- Melissa Brown, MD – UC Davis
- Sevan Komshian, MD – Boston University
- Kimberly Kupinski, MD – Yeshiva University
- Donald Lee, MD – Albany Medical College
- Vishnu Madapura, MD – Rajiv Gandhi University of Health Science & University of Washington
- Omar Mostafa, MD – Northeast Ohio University
- Kiran Nimmagadda, MD, PhD – USC
- Kevin Tsai, MD – State University of NY
- Leon Wang, MD – Tulane University
- Jeffrey Wiegens, MD – University of Missouri
- Sameer Zaidi, MD – Indiana University

PGY-2/CA-1
- Philip Cheng, MD – Wake Forest School of Medicine
- Alexander De Jong, MD – University of Texas School of Medicine
- Jennifer Ding, MD – Keck School of Medicine, USC
- Muhnad Diri, MD – University of Arizona College of Medicine
- Jason Hager, MD – Loma Linda University School of Medicine
- Maxwell Lee, MD – UCSF School of Medicine
- Christian Lindner, MD – OHSU School of Medicine
- Hayk Manuk-Hakobyan, MD – Georgetown University
- Ahmed Mohamed, MD – University of Minnesota Medical School
- Shahin Mortazavi, MD – University of Washington School of Medicine
- James Ruiz, MD – UCSF School of Medicine

PGY-3/CA-2
- Sam Bonge, MD – Chicago Medical School
- Ellison Chen, MD – Keck School of Medicine, USC
- David Chernobyisky, MD – Tulane University
- Prem Darji, MD – Virginia Commonwealth University
- Evan Gelzayd, MD – Wayne State University
- Bryan Hamilton, MD – Penn State University
- Steven Heer, MD – Tulane University
- Jose Lujano, MD – Indiana University
- Vincent Luo, MD – Icahn School of Medicine
- Nishant Modi, MD – Geisinger Commonwealth
- Janet Shin, MD – Georgetown University
- Colton Soudan, MD – UC Davis

PGY-1/CBY
- Blake Simon, MD – Indiana University School of Medicine
- Yalda Toofan, MD – University of Michigan Medical School
- Alyssa Park, MD – Boston University School of Medicine

Daniel An, MD, MS – Georgetown University School of Medicine
- Andrew Arner, MD, MS – Oregon Health & Science University School of Medicine
- Bardia Bahadori, MD – Tufts University School of Medicine
- Battbold Boldbaatar, MD, PhD – Boston University School of Medicine
- Catheerrine Bi, MD – Georgetown University School of Medicine
- Dennis Chang, MD – Keck School of Medicine, USC
- Zachary Goldstein, MD – Oregon Health & Science University School of Medicine
- Bellie Lin, MD – University of Arizona
- Ario Ramezani, DO, MS – Western University of Health Sciences of Osteopathic Medicine of the Pacific
- Albert Ren, MD – University of Illinois College of Medicine
- Rahul Rose, MD – Westfälische Wilhelms Universität Medizinische Fakultät
- Arash Safavi, MD, MS – Boston University School of Medicine
- Andrew Sinson, DO, MS – Touro University College of Osteopathic Medicine
- Armaan Yaseyyedi, MD – University of Colorado School of Medicine
Recent Graduates

2022
- Thomas Buretta, MD – Private Practice, Eisenhower Medical Center
- Jeremy Friedman, MD – Combined Pediatric and Pediatric Cardiac Fellow, Children’s Hospital of Philadelphia
- David Gostine, MD – Pain Medicine Fellowship, CSMC
- Dexter Gregg, MD – Regional Anesthesia Fellowship, HSS
- Jason Kim, DO – Private Practice, St. Joseph Hospital
- Christopher Massey, MD – Pain Medicine Fellowship, Rush University Medical Center
- Daniel Mastriano, MD – Obstetric Anesthesiology Fellowship, CSMC
- Tiffany Pouldar, MD – Pediatric Anesthesiology Fellowship, CHLA
- Tracy Ro, MD – Regional Fellowship, UCSD
- Zhaoyi Tang, MD – Obstetric Anesthesiology Fellowship, CSMC
- Tina Vajdi, MD – Pain Medicine Fellowship, CSMC
- Kareem William, MD – Pain Medicine Fellowship, Cook County Health

2021
- DeSean Thom – Faculty, CSMC
- Nabil Othman – Critical Care Medicine Fellowship, Texas Heart – Cardiothoracic Fellowship, Rochester NY
- Ruby Wang – Faculty, CSMC
- David Dindoffer – Private Practice, Mission Viejo
- Peter Mazenac – Faculty, Kaiser Permanente
- Andrew Lin – Faculty, CSMC
- Heidi Bean – Faculty, Monterey

2020
- Kevin Maghami - Faculty, CSMC
- Jaliil Hicks - Attending Anesthesiologist Kaiser
- Jayson Fitter – Regional and Acute Pain Fellowship, CSMC – Faculty, CSMC
- Zachary Moak – Regional Fellowship, HSS - Faculty, HSS
- Ashley Fejleh - Neuro Anesthesia, UCSD – Faculty, UCSD
- Adam Milam – Cardiothoracic Fellowship, Mayo Clinic – Faculty, Mayo Clinic
- William Tan - Providence Little Company of Mary
- Stephanie Dsouza - Olive-View UCLA Medical Center
- Jeffrey Grudzinsky - Renown Regional Medical Center
- Caleb Penn - Phoebe Pune Memorial Hospital
- Patrick Lam – Regional Anesthesiology and Acute Pain Medicine Fellowship, CSMC – Faculty, CSMC
- Kevin Russo - Regional Fellowship, UCLA - Harbor UCLA

2019
- David No - Providence Little Company of Mary
- Ali Qaderi - Temecula Valley Hospital
- Michael Bingham - Henry Mayo, Newhall Memorial Hospital
- Wenli Ma - Faculty, CSMC
- Hooman Golfeiz - Adult Cardiothoracic Anesthesia Fellowship, CSMC – Faculty, CSMC
- Paul Frank - Adult Cardiothoracic Anesthesia Fellowship, CSMC – Faculty, UC Davis
- Murad Arif - Pain Medicine Fellowship, CSMC – Pain Tern Group
- Inhwan Chang - Pain Medicine Fellowship, CSMC - California Pain Management Group
- Hamed Sadeghipur - Critical Care Medicine Fellowship, CSMC - St. Louis University, Faculty
- Darab Zarabi – Regional and Acute Pain Medicine Fellowship, CSMC – Faculty, CSMC

2018
- Christine No - Providence Little Company of Mary
- Christy Slingwine – Adult Cardiothoracic Anesthesia Fellowship, CSMC – Faculty, CSMC
- Shao-Pu Hsu – Regional and Acute Pain Medicine Fellowship, CSMC – Community Hospital of the Monterey Peninsula
- Maximilian Blanter – Regional and Acute Pain Medicine, CSMC – Faculty, Virginia Mason

2017
- Valerie Au - Pediatric Anesthesia Fellowship, UCSF - Sutter Health, Faculty
- Caroline Kan - Critical Care Medicine Fellowship, BWH – Faculty, USC
- Andrew Kuo - Critical Care Medicine Fellowship, BWH – Faculty, Harbor UCLA

2016
- Daniel Cherkassky – Regional, CSMC - Bayside Anesthesia Medical Group
- Shawn Coleman – Regional and Acute Pain Medicine Fellowship, CSMC – CSMC Faculty
- Christopher Der – Obstetrics Fellowship, BWH - Harbor UCLA, Faculty
- Lauren Frizzell - Montage Health
- Cesar Padilla – Obstetrics Fellowship – Critical Care Medicine Fellowship, BWH - Standford Hospitals, Faculty
- Joseph Stuart – Airforce
- Jill Yang - Critical Care Medicine Fellowship, CSMC - Faculty, CSMC
- Deena Perotti - Adult Cardiothoracic Anesthesia Fellowship, CSMC – Scripp Faculty

2015
- Taizoon Dhoon – Obstetrics Fellowship, CSMC - UCI Health, Faculty
- Ashkan Farzad – Faculty, CSMC
- Jennifer Gerber – Obstetrics Fellowship, CSMC - St. Vincent Medical Center, Faculty
- Dermot Maher - Pain Medicine Fellowship, CSMC - John Hopkins Faculty
- Yelena Neyman - Critical Care Medicine, CSMC - Faculty, CSMC
- Bradley Reid - Pain Medicine, CSMC - Faculty, UCLA
- Otto Thomas - Mercy Medical Center

2014
- John Hsh – Regional Fellowship, HSS – Community Hospital of the Monterey Peninsula
- Genewoo Hong - Critical Care Medicine Fellowship, CSMC - Hospital for Special Surgery, Faculty
Kevin McElroy - Banner-University Medical Center, Faculty
Nir Maghen - Critical Care Medicine Fellowship, CSMC - Faculty, CSMC
Alyse Mousse - Critical Care Medicine Fellowship - Providence St. John’s Health Center
Cory Paterson – Regional and Acute Pain Medicine Fellowship, CSMC – Southdale Anesthesia, Faculty
Shahriar Piroz - Pain Medicine Fellowship, CSMC - Marian Regional Medical Center
Waylon Wong - Critical Care Medicine Fellowship, CSMC - UC Irvine Health, Faculty

2013
Daniel Choi – Regional Fellowship, Virginia Mason – Kaiser, Faculty
Mathew Eng – Regional and Acute Pain Medicine Fellowship, CSMC - LSU Health Science Center, Faculty
Joshua Scherling – Community Hospital of the Monterey Peninsula
Jun Tang – Regional and Acute Pain Medicine Fellowship, CSMC - Faculty, CSMC

2012
Andrew Geller – Obstetrics Fellowship, CSMC – Faculty, CSMS
Derek Kwan – Pain Management – Kaiser Permanente
Raul Lopez – West Texas Pain Institute
Robert Wong – Pediatric Anesthesia Fellowship, Children’s Hospital of Philadelphia – Faculty, CSMC

Cedars-Sinai General Information
Cedars-Sinai Medical Center (CSMC), established in 1902, is a nonprofit, tertiary 958-bed healthcare organization serving the diverse Los Angeles community and beyond. With pioneering medical research achievements and education programs defining the future of healthcare, we’re setting new standards for quality and innovation in patient care. CSMC is an academic medical center with world-renowned faculty and extensive, highly competitive programs in more than 50 specialties and subspecialty areas.

CSMC Facts
- More than 12,000 employees
- More than 4,500 physicians and nurses
- 6th largest employer in L.A. County
- More than 1,519 research projects
- Level I Trauma Center for adults and pediatrics
- U.S. News & World Report’s #1 “Best Hospitals 2022-2023” in California
- U.S. News & World Report’s #2 “best Hospitals 2022-2023” in the United States
- The heart transplant program has completed more adult heart transplants than any other medical facility in the nation, four years in a row
- One of the busiest surgical hospitals in Los Angeles
- More than 150 intensive care unit beds
- Affiliated with the David Geffen School of Medicine at the University of California, Los Angeles (UCLA), University of Southern California, and the California Heart Center
- State-of-the-art Simulation Training Center
- More than 311 residents in graduate medical education programs including Anesthesiology, Internal Medicine, General Surgery, Neurosurgery, Obstetrics & Gynecology, Pathology, Pediatrics, Medical Genetics, Radiology, Orthopedic Surgery, Urology

- CSMC PhD Program in Biomedical and Translational science achieves the merging of scientific and medicine curricula with mentoring by both researchers and clinicians
Anesthesiology Residency and Departmental General Information

- Training residents since 1976
- ACGME accredited as a residency program since 2007
- Four-year categorical residency program

On-site Rotations:

CBY:
- **Surgery Rotations (5 Blocks Total):**
  - Acute Care Surgery (1 block)
  - Surgical ICU (1 block)
  - Ortho Trauma (1 block)
  - Thoracic Surgery (0-1 block)
  - HPB (0-1 block)
  - Colorectal Surgery/Surgical Night Float (1 block)
- **Medicine Rotations (4 Blocks Total):**
  - Medical Intensive Care Unit (1 block)
  - Medicine Wards (0.5 Block)
  - Pulmonary Consult (0.5 Block)
  - Cardiology Consult (0.5 Block)
  - Cardiac Care Ward (0.5 Block)
  - Cardiac Care Unit Day (0.5 Block)
  - Cardiac Care Unit Night (0.5 Block)
- **Emergency Medicine Rotation (1 Block)**
- **Neurology Rotations (1 Blocks Total):**
  - NSICU (0.5 block)
  - Stroke (0.5 Block)
- **Anesthesia Rotation: (1 Blocks Total):**
  - APEC (0.25 block)
  - Acute Pain (0.25 block)
  - General Anesthesia (0.5 block)
- **Quality Improvement/Patient Safety (0.25 Block)**
- **Vacation (2 x 0.5 Block)**

CA1-CA3:
- General, Regional, Acute and Chronic Pain Management, OB, Pediatric, Neuro/spine, ENT, Vascular, Thoracic, Cardiac, Liver Transplant, Critical Care Medicine(SICU, Advanced Clinical Anesthesia.
- **Elective:** NORA, Pre-OP, PACU, Echo (3-year program), POCUS, Ultrasound Point of Care (3-year program), Anesthesia QI/PS, Research and Simulation
- **Off-site Rotations:** Pediatric Anesthesia (2 months at CHLA)

Anesthesiology Fellowship Information

- 26 fellowship positions per year
  - Adult Cardiothoracic Anesthesiology (5)
  - Critical Care Medicine (4)
  - Pain Medicine (4)
  - Obstetric Anesthesiology (4)
  - Regional/Acute Pain Anesthesiology (6)
  - Liver Transplant (1)
  - Advanced Clinical Anesthesiology (2)
Distinctive
- Mid-sized tight-knit residency and large-volume tertiary care setting (14 Residents/year)
- Great faculty mentoring
- 1:1-1:2 Attending: OR coverage
- 24 beds Anesthesia-run Cardiac Surgical ICU
- Friendly relationship with surgical departments and surgeons
- Targeted written and oral board review starting CA-1 year with 100% pass rate over past 6 years
- Simulation Center, Clinical Skills and Telemedicine education and access to a full spectrum of clinical simulation technologies and educational support for the use of clinical simulation in the following areas:
  - **Task Training via Workshops & SIM**
    - Advanced Airway Management
    - A-Line/Central Line Ultrasound
    - Point-Of-Care Ultrasound (POCUS)
    - Thoracic & Lumbar Neuroaxial Blocks
    - Peripheral Nerve Blocks Ultrasound
    - TEE ECHO Simulation and Lecture Series
  - **Basic & Advanced Clinical Simulations:**
    - Crisis Resources Management
    - Competency assessments in resident/fellow education
    - Outcome Assessment
  - **Objective Structured Clinical Exam (OSCE)**
  - **Maintenance of Certification in Anesthesiology (MOCA®)**

For more information:
[http://www.cedars-sinai.edu/Education/Graduate-Medical-Education/Residency-Programs/Anesthesiology](http://www.cedars-sinai.edu/Education/Graduate-Medical-Education/Residency-Programs/Anesthesiology)

**Annual Stipend**
- GL1 $64,362
- GL2 $66,495
- GL3 $69,107
- GL4 $71,835
- GL5 $74,775
- GL6 $77,554
- GL7 $80,148

**Anesthesiology Residents Benefits and Stipends**
- Health Insurance
- 403B retirement account
- Life Insurance
- Meal Card for up to $750 per quarter to be used in one of our restaurants: Ray Charles Cafeteria, North Tower Cafe, Pavilion cafe, Plaza Cafe and Starbucks
- Housing stipend - $10,000 per year
- Paid vacation
- Paid sick time
- Free wellness support for you and your dependents
- Free health screening and annual exams
- Free parking on site
- Lab coats and laundry service for uniforms
- Discount services for emergency childcare, elder care, and pet care
- Discounts on gym memberships, mobile plans and more
- Interest-free loans
- Reimbursement for CA License
- Reimbursement for USMLE Step 3
- Reimbursement for The American Board of Anesthesiology Basic Exam (ABA Part 1)
- Reimbursement for Basic National Echocardiography Certification
### Total Number of Cases or patient encounters Available for resident education in CSMC hospital For 2020 – 2021

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surgical Cases</td>
<td>&gt;70,125</td>
</tr>
<tr>
<td>Ambulatory Surgery</td>
<td>&gt;8,000</td>
</tr>
<tr>
<td>Vaginal Delivery</td>
<td>&gt;4,380</td>
</tr>
<tr>
<td>C-Section</td>
<td>&gt;3,500</td>
</tr>
<tr>
<td>Planned Vaginal Deliveries with high-risk maternal co-morbidity</td>
<td>1,850</td>
</tr>
<tr>
<td>Planned Vaginal Deliveries with high-risk fetal condition</td>
<td>750</td>
</tr>
<tr>
<td>Obstetric</td>
<td>7,500</td>
</tr>
<tr>
<td>C-Section delivers with high-risk maternal morbidity</td>
<td>2,100</td>
</tr>
<tr>
<td>C-Section delivers with high-risk fetal condition</td>
<td>800</td>
</tr>
<tr>
<td>Maternal Cardioversion</td>
<td>2</td>
</tr>
<tr>
<td>Labor Epidurals</td>
<td>&gt;5,000</td>
</tr>
<tr>
<td>OB Spinals</td>
<td>&gt;1,200</td>
</tr>
<tr>
<td>Diagnosis and fetal treatment</td>
<td>10,000</td>
</tr>
<tr>
<td>Children &lt; 12y/o</td>
<td>5,700</td>
</tr>
<tr>
<td>Children &lt; 1 y/o</td>
<td>&gt;180</td>
</tr>
<tr>
<td>Pediatric Surgery</td>
<td>5,200</td>
</tr>
<tr>
<td>Other major vascular cases (inc. endovascular)</td>
<td>1,550</td>
</tr>
<tr>
<td>Open cranium (inc. intracerebral vascular)</td>
<td>&gt;1,500</td>
</tr>
<tr>
<td>Neurosurgery Spine</td>
<td>&gt;10,100</td>
</tr>
<tr>
<td>Electro convulsive therapy</td>
<td>12</td>
</tr>
<tr>
<td>Regional</td>
<td>6,720</td>
</tr>
<tr>
<td>Major trauma cases</td>
<td>&gt;1,950</td>
</tr>
<tr>
<td>Lung Transplant</td>
<td>&gt;65</td>
</tr>
<tr>
<td>Liver Transplant</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Heart Transplant</td>
<td>&gt;120</td>
</tr>
<tr>
<td>Total artificial heart transplant</td>
<td>30</td>
</tr>
<tr>
<td>Cardiac surgery</td>
<td>&gt;6,000</td>
</tr>
<tr>
<td>&lt;2 y/o</td>
<td>100</td>
</tr>
<tr>
<td>&gt;2 y/o</td>
<td>5,900</td>
</tr>
<tr>
<td>Cardiac surgery with cardiopulmonary bypass</td>
<td>1,500</td>
</tr>
<tr>
<td>Cardiac surgery without cardiopulmonary bypass</td>
<td>1,000</td>
</tr>
<tr>
<td>Congenital cardiac procedures performed on adult patients</td>
<td>69</td>
</tr>
<tr>
<td>Cath Lab</td>
<td>14,500</td>
</tr>
<tr>
<td>Cardiac Catheterization</td>
<td>7,499</td>
</tr>
<tr>
<td>Cardiac Electrophysiology</td>
<td>1,953</td>
</tr>
<tr>
<td>Automatic implantable cardiac defibrillators</td>
<td>325</td>
</tr>
<tr>
<td>Thoracic Surgery</td>
<td>1,845</td>
</tr>
<tr>
<td>Intrathoracic non-cardiac</td>
<td>1,745</td>
</tr>
<tr>
<td>Noncardiac thoracic surgery</td>
<td>2,000</td>
</tr>
<tr>
<td>Total Cardiac Procedures</td>
<td>167,019</td>
</tr>
<tr>
<td>Noninvasive Diagnostics</td>
<td>137,571</td>
</tr>
<tr>
<td>Advanced imaging</td>
<td>&gt;14,450</td>
</tr>
<tr>
<td>Cardiac catheterization</td>
<td>&gt;11,146</td>
</tr>
<tr>
<td>Percutaneous Coronary Intervention</td>
<td>&gt;1,844</td>
</tr>
<tr>
<td>Transcatheter Aortic Valve Replacement (TAVR)</td>
<td>579</td>
</tr>
<tr>
<td>Transcatheter Pulmonary Replacement (TPVR)</td>
<td>&gt;10</td>
</tr>
<tr>
<td>Transcatheter Mitral Valve Repair (TMVR)</td>
<td>&gt;26</td>
</tr>
<tr>
<td>Carotid Angiography/Carotid Stent</td>
<td>&gt;20</td>
</tr>
<tr>
<td>Percutaneous Left Ventricular Assist Device</td>
<td>57</td>
</tr>
<tr>
<td>Cardiac Electrophysiology</td>
<td>&gt;2,382</td>
</tr>
<tr>
<td>Ablation Procedures (SVT/other SVT/A-Fib/A-Flutter)</td>
<td>&gt;707</td>
</tr>
<tr>
<td>Electrophysiology Studies</td>
<td>&gt;768</td>
</tr>
<tr>
<td>Valve Repair or Valve Replacement</td>
<td>167,019</td>
</tr>
<tr>
<td>Mitral valve procedures</td>
<td>150</td>
</tr>
<tr>
<td>Mitral Valve E Clip</td>
<td>110</td>
</tr>
<tr>
<td>Tricuspid Valve</td>
<td>&gt;30</td>
</tr>
<tr>
<td>TAVR</td>
<td>&gt;500</td>
</tr>
<tr>
<td>Left atrial appendage closure</td>
<td>&gt;75</td>
</tr>
<tr>
<td>ASD closures</td>
<td>200</td>
</tr>
<tr>
<td>VSD closures</td>
<td>&gt;21</td>
</tr>
<tr>
<td>Aortic Valve</td>
<td>248</td>
</tr>
<tr>
<td>Intra-aortic balloon counter pulsation pumps</td>
<td>195</td>
</tr>
<tr>
<td>Left ventricular assist devices/BIVAD</td>
<td>85</td>
</tr>
<tr>
<td>Perioperative echocardiographic</td>
<td>&gt;3,500</td>
</tr>
<tr>
<td>ECMO</td>
<td>80</td>
</tr>
<tr>
<td>Ascending or descending thoracic aorta requiring full CPB, left bypass and/or deep hypothermic circulatory arrest</td>
<td>212</td>
</tr>
<tr>
<td>Thoracic stent placement</td>
<td>250</td>
</tr>
<tr>
<td>Cardiac pacemakers</td>
<td>1,728</td>
</tr>
<tr>
<td>Revascularization procedures with or without CPB</td>
<td>&gt;655</td>
</tr>
<tr>
<td>Epidural anesthesia</td>
<td>6,406</td>
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<tr>
<td>Subarachnoid blocks for surgical procedures</td>
<td>4,500</td>
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</tbody>
</table>