UC San Diego Health Physician Directory

From routine doctor visits to the most advanced procedures, our doctors are here for you. Our specialty care for complex conditions — including cancer, heart disease, neurosurgery, pulmonology and more — is rated among the nation’s best by *U.S. News & World Report*.

**For Patients**

*Make an Appointment*
Whether you need to be seen for an urgent condition today or are looking for a new primary care physician or specialty care provider, we can help. Call **800-926-8273** between 8 a.m. – 6 p.m.

[health.ucsd.edu/request_appt](http://health.ucsd.edu/request_appt)

*Find a Provider*
Search by name, specialty, location or keyword to find the right provider for you.

[providers.ucsd.edu](http://providers.ucsd.edu)

**Physician Access Services**

*Refer a Patient or Request Consultation*
Call Physician Access Services at **855-543-0555** from 8 a.m. to 5 p.m.

*Transfer an Inpatient*
For hospital-to-hospital transfers, call **619-543-5709** (24-hour service) for instructions.
Locations

La Jolla
La Jolla Emergency
Sulpizio Cardiovascular Center
9434 Medical Center Drive
La Jolla, CA 92037

La Jolla Urgent Care
8910 Villa La Jolla Drive
La Jolla, CA 92037

Orthopedics Urgent Care
Sports Medicine
4520 Executive Drive, Suite Plaza 1
San Diego, CA 92121

4510 and 4520 Executive Drive
San Diego, CA 92121

8910 Villa La Jolla Drive
La Jolla, CA 92037

8899 and 8929 University Center Lane
San Diego, CA 92122

8939 Villa La Jolla Drive
La Jolla, CA 92037

9333 Genesee Avenue
San Diego, CA 92121

8950 Villa La Jolla Drive
La Jolla, CA 92037

9350 Campus Point Drive
La Jolla, CA 92037

Shiley Eye Institute
9415 Campus Point Drive
La Jolla, CA 92093

Sulpizio Cardiovascular Center
9434 Medical Center Drive
La Jolla, CA 92093

Moores Cancer Center
3855 Health Sciences Drive
La Jolla, CA 92033

Jacobs Medical Center
9300 Campus Point Drive
La Jolla, CA 92037

Koman Family Outpatient Pavilion
9400 Campus Point Drive
La Jolla, CA 92037

Perlman Medical Offices
9350 Campus Point Drive
La Jolla, CA 92037

Hillcrest
Hillcrest Emergency
UC San Diego Medical Center
200 West Arbor Drive
San Diego, CA 92103

4th and Lewis Medical Offices
330 Lewis Street
San Diego, CA 92103

Medical Offices North
200 West Arbor Drive
San Diego, CA 92103

Medical Offices South
4168 Front Street
San Diego, CA 92103

UC San Diego Medical Center
200 West Arbor Drive
San Diego, CA 92103

Rancho Bernardo
Includes Rancho Bernardo Urgent Care
16950 Via Tazon
San Diego, CA 92127

Encinitas
Includes Encinitas Express Care (Suite 110)
1200 Garden View Road
Encinitas, CA 92024

477 North El Camino Real
Encinitas, CA 92024

College Area
6719 Alvarado Road, Suite 302
San Diego, CA 92120

Downtown
Downtown Express Care
203 West F Street
San Diego, CA 92101

Vista
910 Sycamore Avenue
Vista, CA 92081

Sorrento Valley
4910 Directors Place
San Diego, CA 92121

Scripps Ranch
9909 Mira Mesa Blvd, Suite 200
San Diego, CA 92131

Kearny Mesa
7910 Frost Street
San Diego, CA 92123

Chula Vista
959 Lane Avenue
Chula Vista, CA 91914

Temecula
31720 Temecula Parkway, Suite 100
Temecula, CA 92592
# Table of Contents

**Cardiology**
- Electrophysiology ................................................................. 2
- General Cardiology ..................................................................... 4
- Heart Failure ............................................................................. 8
- Interventional Cardiology .......................................................... 14

**Neurosurgery**
- Complex Cranial Surgery .......................................................... 18
- Endovascular Neurosurgery ....................................................... 20
- Neurological Oncology .............................................................. 21
- Spine ....................................................................................... 23
- Index ...................................................................................... 25
Cardiology

Cardiology is the branch of medicine specializing in the study and treatment of heart conditions. Learn more about cardiology at UC San Diego Health System.

Laith Alshawabkeh, MD
Cardiologist
Assistant Professor of Medicine

Specialty:
Cardiology

Add'l Language:
Arabic

Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530

Bio:
Laith Alshawabkeh MD, is a board-certified cardiologist who specializes in caring for adults with congenital heart disease, an abnormality in the heart that is present at birth. He leads the Adult Congenital Heart Disease Program at UC San Diego Health.
Cardiology - Electrophysiology

Ulrika Birgersdotter-Green, MD
Director, Pacemaker and ICD Services
Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Electrophysiology
Add'l Languages:
French, German, Swedish

Sulpizio Cardiovascular Center
Hillcrest - Medical Offices South

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Ulrika Birgersdotter-Green, MD, is a board-certified cardiologist who specializes in diagnosing and treating heart rhythm disorders. She directs the Pacemaker and ICD (Implantable Cardioverter Defibrillator) Service at UC San Diego Health and leads one of the largest lead extraction programs in the Western United States.

Frederick (Fred) Han, MD
Cardiac Electrophysiologist
Associate Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Electrophysiology

Sulpizio Cardiovascular Center
Hillcrest - Medical Offices South
Temecula Parkway

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530
Direct Clinic Line - Temecula: (951) 303-0734

Bio:
Frederick (Fred) Han, MD, is a board-certified cardiologist who subspecializes in cardiac electrophysiology. He takes care of patients with all types of fast (tachycardia), slow (bradycardia), and irregular heart rhythm disorders, including both atrial and ventricular arrhythmias.

Gregory Kent Feld, MD
Director, Cardiac Electrophysiology Program
Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Electrophysiology

Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Gregory K. Feld, MD, is a board-certified cardiologist and cardiac electrophysiologist. His clinical and research interests include the mechanisms of cardiac arrhythmias and catheter ablation techniques for atrial arrhythmias, particularly atrial fibrillation.

Gordon Ho, MD
Cardiac Electrophysiologist
Assistant Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Electrophysiology

Sulpizio Cardiovascular Center
Hillcrest - Medical Offices South

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Gordon Ho, MD, is a board-certified cardiologist who subspecializes in cardiac electrophysiology. He takes care of patients with fast, slow and irregular heart rhythms. Specifically, he has expertise in performing minimally-invasive procedures to treat atrial and ventricular arrhythmias.
Cardiology - Electrophysiology (cont.)

Kurt Hoffmayer, MD, PharmD, FACS, FHRS
Cardiac Electrophysiologist
Assistant Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Electrophysiology

Sulpizio Cardiovascular Center
Encinitas - El Camino Real

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530
Direct Clinic Line - Encinitas: (760) 697-3110

Bio:
Kurt Hoffmayer, MD, PharmD, is a board-certified cardiologist who specializes in cardiac electrophysiology. He cares for patients with all types of heart rhythm disorders and is interested in both medical and procedural management of atrial fibrillation, atrial flutter, supraventricular tachycardia, and ventricular tachycardia.

Jonathan Hsu, MD
Cardiac Electrophysiologist
Associate Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Electrophysiology

Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Jonathan Hsu, MD, is a board-certified cardiologist who subspecializes in electrophysiology. He takes care of patients with all types of fast (tachycardia), slow (bradycardia), and irregular heart rhythm disorders, including both atrial and ventricular arrhythmias.

David Edward Krummen, MD
Cardiac Electrophysiologist
Associate Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Electrophysiology

Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Dr. Krummen's goal is to provide outstanding medical care while advancing the profession's knowledge and treatment of cardiac arrhythmias.

Farshad Raissi, MD, MPH, FHRS
Cardiac Electrophysiologist
Assistant Professor of Medicine

Specialty:
Cardiology
Subspecialties:
Electrophysiology, Heart Failure
Add'l Language:
Farsi

Hillcrest - Medical Offices South
Hillcrest - UC San Diego Medical Center
Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5743

Bio:
Farshad Raissi, MD, MPH, is a board-certified cardiac electrophysiologist whose special clinical interest is in management of complex arrhythmias in heart failure, as well as device therapies for early and advanced heart disease.
Cardiology - General Cardiology

Daniel G. Blanchard, MD, FACC
Cardiologist
Professor of Medicine

**Specialty:**
Cardiology

**Subspecialty:**
General Cardiology

Sulpizio Cardiovascular Center

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

**Bio:**
Daniel Blanchard, MD, is a board-certified cardiologist who performs noninvasive surgery and diagnostics such as echocardiography. He also treats hyperlipidemia (high levels of fats, cholesterol and triglycerides) and congenital heart disease.

Bruno Cotter, MD
Associate Professor of Medicine

**Specialty:**
Cardiology

**Subspecialty:**
General Cardiology

**Add'l Languages:**
French, German

Hillcrest - Medical Offices South

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5743

**Bio:**
UC San Diego Health Links

Luis R. Castellanos, MD, MPH
Cardiologist
Associate Professor of Medicine

**Specialty:**
Cardiology

**Subspecialty:**
General Cardiology

**Add'l Language:**
Spanish

Hillcrest - Medical Offices South

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5743

**Bio:**
Luis Castellanos, MD, MPH, is a board-certified cardiologist. As a general cardiologist, he enjoys helping patients improve their cardiovascular health by applying evidence-based strategies, state-of-the-art technology and pharmacootherapy to target coronary disease, hypertension, hyperlipidemia and other cardiac diseases.

Lori B. Daniels, MD, FACC
Director, Coronary Care Unit
Professor of Medicine

**Specialty:**
Cardiology

**Subspecialty:**
General Cardiology

**Add'l Language:**
Spanish

Sulpizio Cardiovascular Center

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

**Bio:**
Lori B. Daniels, MD, is a board-certified cardiologist. She works with patients on prevention of cardiovascular disease, as well as management of coronary disease, hypertension, hypercholesterolemia, and other cardiovascular problems.
Cardiology - General Cardiology (cont.)

Anthony N. DeMaria, MD
Professor of Medicine

Specialty:
Cardiology
Subspecialty:
General Cardiology

Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Dr. DeMaria is the Judith and Jack White Chair in Cardiology and founding director of the Sulpizio Cardiovascular Center at UC San Diego. Dr. DeMaria has been in practice for 25 years. He regularly participates in trials involving non-invasive methods to diagnose and treat heart disease.

Anna McDivit Mizzell, MD
Cardiologist
Assistant Professor of Medicine

Specialty:
Cardiology
Subspecialty:
General Cardiology

Hillcrest - UC San Diego Medical Center
Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Anna McDivit Mizzell, MD, is a board-certified cardiologist who specializes in atherosclerotic heart disease, congestive heart failure, and women’s cardiovascular health. She provides cardiac care for people before and after receiving solid organ transplants and works closely with the transplant teams at UC San Diego Health.

Anya Narezkina, MD
Cardiologist
Assistant Professor of Medicine

Specialty:
Cardiology
Subspecialty:
General Cardiology
Add'l Language:
Russian

Sulpizio Cardiovascular Center
Rancho Bernardo - Via Tazon

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530
Direct Clinic Line - Rancho Bernardo: (858) 605-4448

Bio:
Anya Narezkina, MD, is a board-certified cardiologist who works with patients to diagnose and prevent heart disease, as well as manage conditions such as hypertension (high blood pressure), coronary artery disease, or heart failure.

Kirk L. Peterson, MD
Professor of Medicine
Director Emeritus, Sulpizio Cardiovascular Center

Specialty:
Cardiology
Subspecialty:
General Cardiology

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Dr. Peterson is director emeritus of the Sulpizio Cardiovascular Center. He sits on the editorial board for the Journal American College of Cardiology and is also the president of the Medical Education Research Foundation.
Cardiology - General Cardiology (cont.)

Ajit Raisinghani, MD
Cardiologist
Professor of Medicine

Specialty:
Cardiology
Subspecialty:
General Cardiology

Encinitas - El Camino Real
Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530
Direct Clinic Line - Encinitas: (760) 697-3110

Bio:
Ajit Raisinghani, MD, is a board-certified cardiologist and director of cardiology clinics as well as noninvasive laboratories for the Division of Cardiology at UC San Diego Health. Dr. Raisinghani specializes in advanced diagnostic techniques, including transthoracic and transesophageal echocardiography, contrast echocardiography and stress echocardiography.

Jia Shen, MD
Cardiologist
Assistant Professor of Medicine

Specialty:
Cardiology
Subspecialty:
General Cardiology
Add'l Language:
Mandarin

Sulpizio Cardiovascular Center
Encinitas - El Camino Real
Hillcrest - Medical Offices South

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530
Direct Clinic Line - Hillcrest: (858) 657-8530
Direct Clinic Line - Encinitas: (760) 697-3110

Bio:
Jia Shen, MD, is a board-certified cardiologist who specializes in the treatment and prevention of heart disease.
Cardiology - General Cardiology (cont.)

Pam R. Taub, MD, FACC
Cardiologist
Director of Step Family Foundation
Cardiovascular Rehabilitation and Wellness Center
Associate Professor of Medicine

Specialty:
Cardiology
Subspecialty:
General Cardiology

Sulpizio Cardiovascular Center
Jacobs Medical Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530
Direct Clinic Line - Cardiac Rehabilitation Center: (858) 249-1308

Bio:
Pam R. Taub, MD, FACC, is a board-certified cardiologist who focuses on general and preventive cardiology, as well as women's cardiovascular health.

Isac C. Thomas, MD, MPH
Cardiologist

Specialty:
Cardiology
Subspecialty:
General Cardiology

Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Isac Thomas, MD, is a board-certified cardiologist who specializes in treating and preventing heart disease. Dr. Thomas evaluates patients' current heart conditions with a focus on preventive medicine to neutralize or slow the progression of heart disease.

Michael J. Wilkinson, MD
Cardiologist

Specialty:
Cardiology
Subspecialty:
General Cardiology

Sulpizio Cardiovascular Center
Encinitas - El Camino Real

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530
Direct Clinic Line - Encinitas: (760) 697-3110

Bio:
Michael Wilkinson, MD, is a cardiologist who leads the advanced lipid treatment program at UC San Diego Health. This includes diagnosis and management of inherited forms of dyslipidemia (i.e. an abnormal amount of cholesterol or fats [lipids] in the blood), as well as primary and secondary prevention of atherosclerotic cardiovascular disease through risk factor management and use of lipid-modifying therapies.
Cardiology - Heart Failure

Eric David Adler, MD  
Cardiologist  
Director of Cardiac Transplant and Mechanical Circulatory Support  
Professor of Medicine  

**Specialties:**  
Cardiology, Transplantation  

**Subspecialties:**  
Heart Failure, Heart Transplantation  

**Sulpizio Cardiovascular Center**  
**Hillcrest - Medical Offices South**  

**Contact:**  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (858) 657-8530  

**Bio:**  
Dr. Eric David Adler is a board-certified cardiologist and medical director of advanced heart failure, mechanical circulatory support and cardiac transplantation.

Denise Dayle Barnard, MD  
Director, Women's Cardiovascular Health Program  
Assistant Director, Advanced Heart Failure Program, Cardiac Transplantation & Mechanical Circulatory Assist Device Program  
Professor of Medicine  

**Specialties:**  
Cardiology, Transplantation  

**Subspecialties:**  
Heart Failure, Heart Transplantation  

**Sulpizio Cardiovascular Center**  
**Hillcrest - Medical Offices South**  

**Contact:**  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (619) 543-5743  

**Bio:**  
Denise Barnard, MD, is a board-certified cardiologist who is actively involved in UC San Diego Health's Advanced Heart Failure, Cardiac Transplantation and Mechanical Circulatory Assist Device Programs. She is a nationally recognized heart failure expert and also practices at the VA San Diego Healthcare.
Cardiology - Heart Failure (cont.)

Eugene Golts, MD
Cardiothoracic Surgeon
Associate Professor of Surgery

**Specialties:**
Cardiothoracic (Heart and Lung) Surgery, Surgery, Cardiology, Transplantation

**Subspecialties:**
Heart Failure, Lung Transplantation

**Add'l Languages:**
Russian, Ukrainian

**Sulpizio Cardiovascular Center**

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-7777

**Bio:**
Eugene Golts, MD, is a board-certified general and cardiothoracic surgeon who performs the full scope of cardiothoracic surgery and thoracic organ transplantation. Dr. Golts is surgical director of the Lung Transplant Program at UC San Diego Health.

Paul J. Kim, MD
Cardiologist
Assistant Professor of Medicine

**Specialty:**
Cardiology

**Subspecialty:**
Heart Failure

**Sulpizio Cardiovascular Center**

**Encinitas - El Camino Real**

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530
Direct Clinic Line - Encinitas: (760) 697-3110

**Bio:**
Paul Kim, MD, is a board-certified cardiologist who specializes in treating patients with advanced heart failure, including those who need ventricular assist devices (VADs) or heart transplants. Dr. Kim also has specialized training in performing and interpreting cardiovascular magnetic resonance (MRI) and cardiovascular computed tomography (CCT) studies.

Barry H. Greenberg, MD, FHFSA
Director, Advanced Heart Failure Treatment Program
Professor of Medicine

**Specialties:**
Cardiology, Transplantation

**Subspecialties:**
Heart Failure, Heart Transplantation

**Add'l Language:**
French

**Sulpizio Cardiovascular Center**

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

**Bio:**
Barry H. Greenberg, MD, is a board-certified cardiologist and internationally recognized pioneer in the field of heart failure. He directs the Advanced Heart Failure Treatment Program at UC San Diego Health.
Cardiology - Heart Failure (cont.)

Michael M Madani, MD, FACS
Division Chief, Cardiovascular and Thoracic Surgery
Executive Director, Surgery - Cardiovascular Institute
Professor of Surgery

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Cardiology, Transplantation, Surgery

Subspecialties:
Heart Transplantation, Lung Transplantation, Pulmonary Thromboendarterectomy (PTE), Heart Failure

Additional Language:
Persian

Jacobs Medical Center
Sulpizio Cardiovascular Center
Hillcrest - UC San Diego Medical Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-7777

Bio:
Michael Madani, MD, is a board-certified cardiovascular surgeon who oversees a variety of surgical services at UC San Diego Health, including surgical treatment for heart failure, lung transplantation and pulmonary thromboendarterectomy (PTE). He is the surgical director of the Pulmonary Thromboendarterectomy (PTE) Program, and is also an expert in minimally invasive heart surgery, mitral valve repair and off-pump bypass surgery.

Travis L. Pollema, DO
Cardiothoracic Surgeon
Assistant Professor of Surgery

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Surgery, Cardiology, Transplantation

Subspecialties:
Lung Transplantation, Heart Failure, Heart Transplantation

Sulpizio Cardiovascular Center
Temecula Parkway

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-7777

Bio:
Travis L. Pollema, DO, is a cardiothoracic surgeon who specializes in treating diseases of the heart and lungs. His expertise includes treating coronary artery disease with bypass surgery and valvular heart disease with valve repair or replacement. Dr. Pollema performs operations for patients with advanced stages of heart failure; patients needing mechanical circulatory support, including temporary and permanent ventricular assist devices (VADs); and those who have undergone or need heart and/or lung transplantation. He also implements and manages the care of those requiring extracorporeal membrane oxygenation (ECMO), a type of life support treatment that provides enough oxygen to a person while allowing time for their lungs and heart to rest or heal.
Cardiology - Heart Failure (cont.)

Victor (Gert) Pretorius, MBChB
Cardiothoracic Surgeon
Surgical Director of Heart Transplant
Associate Professor of Surgery

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Cardiology, Surgery, Transplantation

Subspecialties:
Heart Failure, Pulmonary Thromboendarterectomy (PTE), Heart Transplantation, Lung Transplantation

Add'l Language:
Afrikaans

Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273

Bio:
Victor (Gert) Pretorius, MBChB, is a board-certified cardiothoracic surgeon who specializes in lead management. Pacemakers and implantable cardioverter-defibrillators (ICDs) deliver energy to the heart through thin, flexible wires called leads. When these leads are not working properly – because of infection, damage, or surrounding scar tissue – they need to be removed. Dr. Pretorius performs a minimally invasive procedure called laser lead extraction to cut through scar tissue surrounding the lead, allowing it to be easily removed.

Farshad Raissi, MD, MPH, FHRS
Cardiac Electrophysiologist
Assistant Professor of Medicine

Specialty:
Cardiology

Subspecialties:
Electrophysiology, Heart Failure

Add'l Language:
Farsi

Hillcrest - Medical Offices South
Hillcrest - UC San Diego Medical Center
Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5743

Bio:
Farshad Raissi, MD, MPH, is a board-certified cardiac electrophysiologist whose special clinical interest is in management of complex arrhythmias in heart failure, as well as device therapies for early and advanced heart disease.
Jorge E. Silva Enciso, MD
Cardiologist
Assistant Professor of Medicine
Specialties:
Cardiology, Transplantation
Subspecialties:
Heart Transplantation, Heart Failure
Add'l Language:
Spanish
Sulpizio Cardiovascular Center
Hillcrest - Medical Offices South
Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530
Bio:
Jorge Silva Enciso, MD, is a board-certified advanced heart failure and transplant cardiologist. He cares for patients with progressive heart failure symptoms in need of advanced therapies or surgical treatments including ventricular assist devices (VADs) or heart transplantation.

Hao (Howie) Tran, MD
Cardiologist
Assistant Professor of Medicine
Specialty:
Cardiology
Subspecialty:
Heart Failure
Sulpizio Cardiovascular Center
Hillcrest - Medical Offices South
Temecula Parkway
Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Temecula: (951) 303-0734
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530
Direct Clinic Line - Hillcrest: (619) 543-5743
Bio:
Howie Tran, MD, is board-certified cardiologist who specializes in treating patients with end-stage or advanced heart failure. He cares for patients who require heart transplants and mechanical circulatory support devices, including ventricular assist devices (VADs) and percutaneous ventricular assist devices (PVADs). Dr. Tran is also experienced in right heart-catheterization with heart tissue biopsies.
Cardiology - Heart Failure (cont.)

Marcus A. Urey, MD
Cardiologist
Assistant Professor of Medicine

Specialties:
Cardiology, Transplantation
Subspecialties:
Heart Failure, Heart Transplantation
Add'l Language:
Spanish

Sulpizio Cardiovascular Center
Hillcrest - Medical Offices South

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

Bio:
Marcus A. Urey, MD, is a board-certified cardiologist specializing in advanced heart failure, mechanical circulatory devices and heart transplantation. In addition to his expertise in caring for those with end stage heart failure, he has a special interest in the evaluation and treatment of adults with heart failure caused by congenital heart disease (heart defects that are present at birth). He works closely with pediatric and adult cardiovascular disease colleagues to improve quality and duration of life in this challenging patient population.

Nicholas Wettersten, MD
Cardiologist
Assistant Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Heart Failure

Sulpizio Cardiovascular Center
Temecula Parkway
Hillcrest - Medical Offices South

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530
Direct Clinic Line - Temecula: (951) 303-0374
Direct Clinic Line - Hillcrest: (858) 657-8530

Bio:
Nicholas Wettersten, MD, is a board-certified cardiologist who treats patients with advanced heart failure.
Cardiology - Interventional Cardiology

Lawrence Ang, MD
Interventional Cardiologist
Assistant Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Interventional Cardiology

Sulpizio Cardiovascular Center
Hillcrest - UC San Diego Medical Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Sulpizio Cardiovascular Center: (858) 657-8530

Bio:
Lawrence Ang, MD, is a board-certified cardiologist who specializes in interventional cardiology, the catheter-based treatment of heart disease. He performs nonsurgical procedures such as percutaneous coronary intervention (PCI) to treat people with coronary artery blockages and improve blood flow to the heart. Dr. Ang is a proponent of using intracoronary hemodynamics to guide therapy and to help patients achieve "complete" revascularization in multi-vessel coronary artery disease. He also has expertise in state-of-the-art robotically assisted PCI as well as use of cardiac support devices for critically-ill patients.

Ehtisham Mahmud, MD, FACC, FSCAI
Division Chief, Cardiovascular Medicine
Executive Director, Medicine - Cardiovascular Institute
Director, Interventional Cardiology and Cardiac Cath Lab
Professor of Medicine

Specialty:
Cardiology
Subspecialty:
Interventional Cardiology

Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8029

Bio:
Ehtisham Mahmud, MD, is a board-certified interventional cardiologist who specializes in complex coronary procedures, including complex coronary, structural, lower extremity and carotid interventions. He serves as division chief of cardiovascular medicine, executive director of medicine at Cardiovascular Institute, and director of interventional cardiology, all at UC San Diego Health.
Cardiology - Interventional Cardiology (cont.)

Mitul Patel, MD
Interventional Cardiologist
Associate Professor of Medicine

**Specialty:**
Cardiology

**Subspecialty:**
Interventional Cardiology

Sulpizio Cardiovascular Center
Hillcrest - Medical Offices South

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

**Bio:**
Mitul Patel, MD, is a board-certified interventional cardiologist. Interventional cardiology involves opening blocked blood vessels with minimally invasive catheter procedures. Dr. Patel treats people with acute myocardial infarction (heart attack), coronary artery disease, heart valve disease, peripheral vascular disease, and other heart conditions. He has extensive experience with the insertion of ventricular assist devices to support both complex coronary interventions and to treat cardiogenic shock.

Ryan R. Reeves, MD
Interventional Cardiologist
Assistant Professor of Medicine

**Specialty:**
Cardiology

**Subspecialty:**
Interventional Cardiology

Sulpizio Cardiovascular Center

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

**Bio:**
Ryan Reeves, MD, is a board-certified cardiologist who specializes in cardiovascular medicine and interventional cardiology. He performs coronary angioplasty, a nonsurgical procedure that improves blood flow to the heart using cardiac catheterization.

Sotirios Tsimikas, MD
Director of Vascular Medicine
Professor of Medicine

**Specialty:**
Cardiology

**Subspecialty:**
Interventional Cardiology

**Add'l Language:**
Greek

Sulpizio Cardiovascular Center

**Contact:**
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530

**Bio:**
UC San Diego Health Links
Neurosurgery

Neurosurgery specializes in prevention, diagnosis, treatment and rehabilitation of disorders which affect the nervous system. Learn more about [neurosurgery](https://health.ucsd.edu) at UC San Diego Health System.

### David Barba, MD, FAANS
Neurosurgeon  
Professor of Surgery

**Specialties:**  
Neurosurgery, Surgery

**Add'l Language:**  
Spanish

**La Jolla - 4510 Executive Drive**

**Contact:**  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (619) 543-5540

**Bio:**  
David Barba, MD, is a board-certified neurosurgeon focusing on surgical treatment of people with epilepsy and movement disorders.

### Hal Meltzer, MD
Associate Professor of Surgery

**Specialties:**  
Neurosurgery, Surgery

**Hillcrest - UC San Diego Medical Center**

**Contact:**  
New Patient Registration: (800) 926-8273

**Bio:**  
Dr. Meltzer is a board-certified neurosurgeon who specializes in pediatric neurosurgery and performs the majority of his procedures at Rady Children's Hospital San Diego. His clinical interests span all of pediatric neurosurgery and include endoscopic treatment of craniosynostoses.

### Michael Levy, MD, PhD
Chief of Pediatric Neurosurgery  
Professor of Surgery

**Specialties:**  
Neurosurgery, Surgery

**Bio:**  
Michael L. Levy, MD, PhD, is a board-certified neurosurgeon at UC San Diego Health and chief of pediatric neurosurgery at Rady Children's Hospital San Diego. Dr. Levy's primary surgical interests are in pediatric and vascular neurosurgery.

### J. Scott Pannell, MD
Neurointerventional Radiologist

**Specialties:**  
Neurosurgery, Radiology, Stroke Care

**Hillcrest - UC San Diego Medical Center**  
Jacobs Medical Center

**Contact:**  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (619) 543-5540

**Bio:**  
J. Scott Pannell, MD, is a neurointerventional radiologist who specializes in endovascular neurosurgery and neuroradiology. Dr. Pannell focuses on the catheter-based treatment of ischemic stroke, cerebral aneurysms, arteriovenous malformations, carotid stenosis, vascular tumors, and interventional management of pain associated with disorders of the spine.
Neurosurgery (cont.)

Hoi Sang U, MD
Neurosurgeon
Professor of Surgery

Specialties:
Neurosurgery, Surgery

Hillcrest - Medical Offices South
La Jolla - 4510 Executive Drive

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5540
Direct Clinic Line: (619) 471-0798
Fax: (619) 471-3931

Bio:
Hoi Sang U, MD, is a board-certified neurosurgeon who is an internationally recognized specialist in the treatment of vascular anomalies known as AVMs. Patients have traveled to UCSD from as far away as Australia, Hong Kong, the Sultanate of Brunei, Africa and the Kingdom of Saudi Arabia to take advantage of his expertise.
Neurosurgery - Complex Cranial Surgery

Sunil Jeswani, MD
Neurosurgeon

Specialties:
Neurosurgery, Surgery
Subspecialties:
Complex Cranial Surgery, Minimally Invasive Surgery, Neurological Oncology, Spine
Add'l Language:
Spanish

Jacobs Medical Center
Hillcrest - UC San Diego Medical Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5540

Bio:
Sunil Jeswani, MD, is a neurosurgeon who treats people with cranial and spinal problems. He performs surgery for brain tumors, pituitary tumors, skull base tumors, stereotactic radiosurgery, hydrocephalus, and trigeminal neuralgia. He also does minimally invasive spinal surgery and treats spinal conditions such as degenerative disease, tumors, scoliosis and spinal trauma.

Alexander A. Khalessi, MD, FAANS
Chair of Neurosurgery
Director of Neurovascular Surgery
Associate Professor of Surgery and Neurosciences

Specialties:
Neurosurgery, Surgery, Stroke Care, Cancer
Subspecialties:
Neurological Oncology, Endovascular Neurosurgery, Complex Cranial Surgery, Neurological Oncology
Add'l Languages:
Farsi, Spanish

Hillcrest - UC San Diego Medical Center
Jacobs Medical Center
La Jolla - 4510 Executive Drive

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5540

Bio:
Alexander A. Khalessi, MD, is a board-certified neurosurgeon who specializes in cranial and endovascular surgery. He is chair of the Department of Neurosurgery and director of endovascular neurosurgery. He provides both open surgical and catheter-based approaches to complex neurosurgical problems, including brain tumors, aneurysms, arteriovenous malformations (AVM) and carotid disease. His vascular training informs his surgical approach to complex tumors in the brain. He is a fellow of the American Association of Neurological Surgeons (FAANS), American Heart Association Stroke Council (FAHA), and senior member of the Society of Neurointerventional Surgery (SNIS).
Neurosurgery - Complex Cranial Surgery (cont.)

Marc S. Schwartz, MD
Neurosurgeon

Specialties:
Neurosurgery, Surgery, Cancer

Subspecialties:
Complex Cranial Surgery, Neurological Oncology, Neurological Oncology

Moores Cancer Center
La Jolla - 4510 Executive Drive
La Jolla - Perlman Medical Offices

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Executive Dr.: (619) 543-5540
Direct Clinic Line - Perlman Medical Offices: (858) 657-8590
Direct Clinic Line - Moores Cancer Center: (858) 822-6100

Bio:
Marc Schwartz, MD, is a board-certified neurosurgeon who is an internationally renowned expert on the treatment of patients with acoustic neuromas, skull base tumors, and neurofibromatosis type 2 (NF2). He is also the recognized neurosurgical leader in the field of auditory brainstem implants. In addition, Dr. Schwartz treats complex cranial problems, meningiomas, brain tumors, pituitary tumors, cranial nerve disorders, and intradural spine tumors.
Neurosurgery - Endovascular Neurosurgery

Alexander A. Khalessi, MD, FAANS
Chair of Neurosurgery
Director of Neurovascular Surgery
Associate Professor of Surgery and Neurosciences

Specialties:
Neurosurgery, Surgery, Stroke Care, Cancer

Subspecialties:
Neurological Oncology, Endovascular Neurosurgery, Complex Cranial Surgery, Neurological Oncology

Add'l Languages:
Farsi, Spanish

Hillcrest - UC San Diego Medical Center
Jacobs Medical Center
La Jolla - 4510 Executive Drive

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5540

Bio:
Alexander A. Khalessi, MD, is a board-certified neurosurgeon who specializes in cranial and endovascular surgery. He is chair of the Department of Neurosurgery and director of endovascular neurosurgery. He provides both open surgical and catheter-based approaches to complex neurosurgical problems, including brain tumors, aneurysms, arteriovenous malformations (AVM) and carotid disease. His vascular training informs his surgical approach to complex tumors in the brain. He is a fellow of the American Association of Neurological Surgeons (FAANS), American Heart Association Stroke Council (FAHA), and senior member of the Society of NeuroInterventional Surgery (SNIS).

Scott E. Olson, MD
Vascular Neurologist and Endovascular Neurosurgeon
Associate Professor of Surgery

Specialties:
Neurosurgery, Neurology, Stroke Care

Subspecialties:
Endovascular Neurosurgery, Stroke

La Jolla - 4510 Executive Drive

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5540

Bio:
Scott E. Olson, MD, is a board-certified vascular neurologist with additional fellowship training in interventional neuroradiology/endovascular neurosurgery. He specializes in evaluating and treating disorders of the blood vessels of the brain and spinal cord, which can lead to ischemic or hemorrhagic stroke. His expertise includes both medical and endovascular care for individuals with extra and intracranial stenoses, brain aneurysms and vascular malformations, whether congenital or acquired.
John Alksne, MD  
Professor of Surgery

Specialties:  
Neurosurgery, Surgery, Cancer  
Subspecialties:  
Neurological Oncology, Neurological Oncology

La Jolla - 4510 Executive Drive  
Hillcrest - Medical Offices North

Contact:  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (619) 543-5540

Bio:  
John F. Alksne, MD, is a board-certified neurosurgeon who focuses on the care of patients with neurological conditions such as trigeminal neuralgia (tic dolorous/facial pain), facial tic, glossopharyngeal neuralgia, and acoustic neuraoma.

Sunil Jeswani, MD  
Neurosurgeon

Specialties:  
Neurosurgery, Surgery  
Subspecialties:  
Complex Cranial Surgery, Minimally Invasive Surgery, Neurological Oncology, Spine

Jacobs Medical Center  
Hillcrest - UC San Diego Medical Center

Contact:  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (619) 543-5540

Bio:  
Sunil Jeswani, MD, is a neurosurgeon who treats people with cranial and spinal problems. He performs surgery for brain tumors, pituitary tumors, skull base tumors, stereotactic radiosurgery, hydrocephalus, and trigeminal neuralgia. He also does minimally invasive spinal surgery and treats spinal conditions such as degenerative disease, tumors, scoliosis and spinal trauma.

Joseph D Ciacci, MD  
Neurosurgeon  
Professor of Surgery

Specialties:  
Neurosurgery, Surgery  
Subspecialties:  
Neurological Oncology, Neurological Oncology

Jacobs Medical Center  
Hillcrest - UC San Diego Medical Center

Contact:  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (619) 543-5540

Bio:  
Joseph Ciacci, MD, is a board-certified neurosurgeon with extensive experience in neuro-oncology of the spine and brain. Dr. Ciacci's primary interests are tumors of the spine and brain, complex spinal reconstruction, and stereotactic radiosurgery, a form of radiation therapy that focuses high-power energy on a small area of the body.
Neurosurgery - Neurological Oncology (cont.)

Alexander A. Khalessi, MD, FAANS
Chair of Neurosurgery
Director of Neurovascular Surgery
Associate Professor of Surgery and Neurosciences

Specialties:
Neurosurgery, Surgery, Stroke Care, Cancer

Subspecialties:
Neurological Oncology, Endovascular Neurosurgery, Complex Cranial Surgery, Neurological Oncology

Add'l Languages:
Farsi, Spanish

Hillcrest - UC San Diego Medical Center
Jacobs Medical Center
La Jolla - 4510 Executive Drive

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5540

Bio:
Alexander A. Khalessi, MD, is a board-certified neurosurgeon who specializes in cranial and endovascular surgery. He is chair of the Department of Neurosurgery and director of endovascular neurosurgery. He provides both open surgical and catheter-based approaches to complex neurosurgical problems, including brain tumors, aneurysms, arteriovenous malformations (AVM) and carotid disease. His vascular training informs his surgical approach to complex tumors in the brain. He is a fellow of the American Association of Neurological Surgeons (FAANS), American Heart Association Stroke Council (FAHA), and senior member of the Society of NeuroInterventional Surgery (SNIS).

Marc S. Schwartz, MD
Neurosurgeon

Specialties:
Neurosurgery, Surgery, Cancer

Subspecialties:
Complex Cranial Surgery, Neurological Oncology, Neurological Oncology

Moores Cancer Center
La Jolla - 4510 Executive Drive
La Jolla - Perlman Medical Offices

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line - Executive Dr.: (619) 543-5540
Direct Clinic Line - Perlman Medical Offices: (858) 657-8590
Direct Clinic Line - Moores Cancer Center: (858) 822-6100

Bio:
Marc Schwartz, MD, is a board-certified neurosurgeon who is an internationally renowned expert on the treatment of patients with acoustic neuromas, skull base tumors, and neurofibromatosis type 2 (NF2). He is also the recognized neurosurgical leader in the field of auditory brainstem implants. In addition, Dr. Schwartz treats complex cranial problems, meningiomas, brain tumors, pituitary tumors, cranial nerve disorders, and intradural spine tumors.
Sharona Ben-Haim, MD  
Neurosurgeon  
Assistant Professor of Surgery

Specialties:  
Neurosurgery, Surgery  
Subspecialty:  
Spine  
Add'l Languages:  
Hebrew, Spanish

La Jolla - 4510 Executive Drive

Contact:  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (619) 543-5540

Bio:  
Sharona Ben-Haim, MD, is a neurosurgeon who specializes in caring for people with treatment-resistant epilepsy, chronic pain including facial pain and trigeminal neuralgia, spasticity, and movement disorders such as Parkinson's disease, dystonia and essential tremor. She performs deep brain stimulation (DBS) surgeries, including "awake" microelectrode-guided DBS and "asleep" MRI- and CT-guided DBS.

Sunil Jeswani, MD  
Neurosurgeon

Specialties:  
Neurosurgery, Surgery  
Subspecialties:  
Complex Cranial Surgery, Minimally Invasive Surgery, Neurological Oncology, Spine  
Add'l Language:  
Spanish

Jacobs Medical Center  
Hillcrest - UC San Diego Medical Center

Contact:  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (619) 543-5540

Bio:  
Sunil Jeswani, MD, is a neurosurgeon who treats people with cranial and spinal problems. He performs surgery for brain tumors, pituitary tumors, skull base tumors, stereotactic radiosurgery, hydrocephalus, and trigeminal neuralgia. He also does minimally invasive spinal surgery and treats spinal conditions such as degenerative disease, tumors, scoliosis and spinal trauma.

Lawrence Marshall, MD  
Professor of Surgery

Specialties:  
Neurosurgery, Surgery  
Subspecialty:  
Spine

La Jolla - 4510 Executive Drive  
Hillcrest - Medical Offices North

Contact:  
New Patient Registration: (800) 926-8273  
Direct Clinic Line: (619) 543-5540

Bio:  
Lawrence Marshall, MD, is a board-certified neurosurgeon and an internationally renowned expert in traumatic head injury. Dr. Marshall's surgical interests cover all of neurosurgery but especially diseases of the spine and spinal cord, brain tumors, and peripheral nerves.
Neurosurgery - Spine (cont.)

Andrew Nguyen, MD, PhD
Neurosurgeon
Assistant Professor of Surgery

Specialties:
Neurosurgery, Surgery
Subspeciality:
Spine
Add'l Language:
Vietnamese

Hillcrest - UC San Diego Medical Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5540

Bio:
Andrew Nguyen, MD, PhD, is a neurosurgeon who specializes in endovascular treatments for neurovascular diseases and minimally invasive spine surgery.

Martin H. Pham, MD
Neurosurgeon
Assistant Professor of Surgery

Specialties:
Neurosurgery, Surgery
Subspecialities:
Minimally Invasive Surgery, Spine
Add'l Language:
Spanish

Jacobs Medical Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5540

Bio:
Martin Pham, MD, is a neurosurgeon who focuses on the neurosurgical evaluation and treatment of spinal disorders. This includes adult scoliosis and spinal deformity, complex spinal reconstruction, robotic and minimally invasive spine surgery, motion preservation of the spine, spine tumors, and spine trauma.

William Taylor, MD
Neurosurgeon
Professor of Surgery

Specialties:
Neurosurgery, Surgery
Subspecialities:
Minimally Invasive Surgery, Spine

La Jolla - 4510 Executive Drive

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (619) 543-5540

Bio:
William Taylor, MD, is a board-certified neurological surgeon. His practice focuses on the neurosurgical evaluation and treatment of spinal disorders. He is also dedicated to further developing and refining minimally invasive surgical procedures used to treat spinal conditions and diseases.
## Index

**A**
- Adler, Eric David ................................................................. 8
- Alksne, John .................................................................... 21
- Alshawabkeh, Laith .............................................................. 1
- Ang, Lawrence ................................................................. 14

**B**
- Barba, David ..................................................................... 16
- Barnard, Denise Dayle ....................................................... 8
- Ben-Haim, Sharona ............................................................. 23
- Birgersdotter-Green, Ulrika ................................................. 2
- Blanchard, Daniel G. .......................................................... 4

**C**
- Castellanos, Luis R. ............................................................... 4
- Ciacci, Joseph D ................................................................. 21
- Cotter, Bruno .................................................................... 4

**D**
- Daniels, Lori B. .................................................................. 4
- DeMaria, Anthony N. ............................................................ 5

**F**
- Feld, Gregory Kent .............................................................. 2

**G**
- Golts, Eugene .................................................................... 9
- Greenberg, Barry H. ........................................................... 9

**H**
- Han, Frederick (Fred) .......................................................... 2
- Ho, Gordon ........................................................................ 2
- Hoffmayer, Kurt ................................................................... 3
- Hsu, Jonathan ..................................................................... 3
- Jeswani, Sunil ...................................................................... 18, 21, 23

**J**
- Khalessi, Alexander A. ......................................................... 18, 20, 22
- Kim, Paul J. ........................................................................ 9

**L**
- Levy, Michael ..................................................................... 16

**M**
- Madani, Michael M ........................................................... 10
- Mahmud, Ehtisham ............................................................. 14
- Marshall, Lawrence ............................................................. 23
- McDivit, Mizzell, Anna ....................................................... 5
- Meltzer, Hal ....................................................................... 16

**N**
- Narezkina, Anya ............................................................... 5
- Nguyen, Andrew .................................................................. 24

**O**
- Olson, Scott E. ................................................................... 20

**P**
- Pannell, J. Scott ................................................................. 16
- Patel, Mitul ........................................................................... 15
- Peterson, Kirk L. ............................................................... 18, 21, 23
- Pham, Martin H. ............................................................... 24
- Pollema, Travis L. ............................................................... 10
- Pretorius, Victor (Gert) ..................................................... 11

**R**
- Raisinghani, Aijt ................................................................. 6
- Raisi, Farshad ..................................................................... 3, 11
- Reeves, Ryan R. ............................................................... 15

**S**
- Schwartz, Marc S. ............................................................. 19, 22
- Shen, Jia ............................................................................. 6
- Silva Enciso, Jorge E. ......................................................... 12

**T**
- Taub, Pam R. ..................................................................... 7
- Taylor, William ................................................................... 24
- Thomas, Isaac C. ............................................................... 7
- Tran, Hao (Howie) ............................................................ 12
- Tsimikas, Sotirios ............................................................. 10
- Taub, Pam R. ..................................................................... 7
- Taylor, William ................................................................... 24
- Thomas, Isaac C. ............................................................... 7
- Tran, Hao (Howie) ............................................................ 12
- Tsimikas, Sotirios ............................................................. 10
- Tran, Hao (Howie) ............................................................ 12

**U**
- U, Hoi Sang ....................................................................... 17
- Urey, Marcus A. ............................................................... 13

**W**
- Wettersten, Nicholas ......................................................... 13
- Wilkinson, Michael J. ....................................................... 7