Physician Directory

health.ucsd.edu
Patient Access: 800-926-8273
Physician Access: 855-543-0555
UC San Diego Health Physician Directory

Our physicians are recognized leaders in their professional societies, heading national organizations and committees dedicated to improving care and advancing knowledge about disease. They are prominently listed in publications such as America’s Top Doctors and *U.S. News & World Report*’s rankings of outstanding physicians and clinical programs.

**Patient Access**

**Request an Appointment**
Whether you’re looking for a primary care physician (PCP), need a specialist for treatment or are seeking a second opinion, you can make an appointment by following the steps below:

- **New Patients (who have never seen a UC San Diego Health provider)**
  To register as a new patient and schedule an appointment, call **800-926-8273**, Monday through Friday, 8 a.m. to 5 p.m.

- **Current Patients**
  Contact your physician’s office directly to schedule an appointment or call the main switchboard number, **858-657-7000**, and ask to be transferred to your physician’s office.

- **Find a Doctor**
  To use our physician search website to find a physician by name or to search for a specialist, visit: [doctors.ucsd.edu](http://doctors.ucsd.edu).

**Referring Physician Access**

**Transfer a Patient**
For hospital-to-hospital transfers, call **619-543-5709** (24-hour service) for instructions or to speak to a transfer coordinator.

**Consultations**
If you need to talk with one of our physicians about a case or if you have any problems or concerns, please contact us at **855-543-0555** from 8 a.m. to 5 p.m. We want to hear from you.

**Refer Your Patient**
Call Physician Access at **855-543-0555** or fax **888-539-8781** and our team will register and schedule your referred patient. You will receive follow-up communication (consultation notes, discharges, etc.), as well as access to our electronic medical record system, UCSD Link.
## Locations

<table>
<thead>
<tr>
<th>Location</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>La Jolla</strong></td>
<td>4510 and 4520 Executive Drive</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92121</td>
</tr>
<tr>
<td></td>
<td>8910 Villa La Jolla Drive</td>
</tr>
<tr>
<td></td>
<td>La Jolla, CA 92037</td>
</tr>
<tr>
<td></td>
<td>8899 and 8929 University Center Lane</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92122</td>
</tr>
<tr>
<td></td>
<td>8939 Villa La Jolla Drive</td>
</tr>
<tr>
<td></td>
<td>La Jolla, CA 92037</td>
</tr>
<tr>
<td></td>
<td>9333 Genesee Avenue</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92121</td>
</tr>
<tr>
<td></td>
<td>8950 Villa La Jolla Drive</td>
</tr>
<tr>
<td></td>
<td>La Jolla, CA 92037</td>
</tr>
<tr>
<td><strong>Shiley Eye Institute</strong></td>
<td>9415 Campus Point Drive</td>
</tr>
<tr>
<td></td>
<td>La Jolla, CA 92093</td>
</tr>
<tr>
<td><strong>Sulpizio Cardiovascular Center</strong></td>
<td>9434 Medical Center Drive</td>
</tr>
<tr>
<td></td>
<td>La Jolla, CA 92093</td>
</tr>
<tr>
<td><strong>Moores Cancer Center</strong></td>
<td>3855 Health Sciences Drive</td>
</tr>
<tr>
<td></td>
<td>La Jolla, CA 92093</td>
</tr>
<tr>
<td><strong>Jacobs Medical Center</strong></td>
<td>9300 Campus Point Drive</td>
</tr>
<tr>
<td></td>
<td>La Jolla, CA 92037</td>
</tr>
<tr>
<td><strong>Hillcrest</strong></td>
<td>4th and Lewis Medical Offices</td>
</tr>
<tr>
<td></td>
<td>330 Lewis Street</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92103</td>
</tr>
<tr>
<td><strong>Medical Offices North</strong></td>
<td>200 West Arbor Drive</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92103</td>
</tr>
<tr>
<td><strong>Medical Offices South</strong></td>
<td>4168 Front Street</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92103</td>
</tr>
<tr>
<td><strong>UC San Diego Medical Center</strong></td>
<td>200 West Arbor Drive</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92103</td>
</tr>
<tr>
<td><strong>Encinitas</strong></td>
<td>1200 Garden View Road</td>
</tr>
<tr>
<td></td>
<td>Encinitas, CA 92024</td>
</tr>
<tr>
<td></td>
<td>477 North El Camino Real</td>
</tr>
<tr>
<td></td>
<td>Encinitas, CA 92024</td>
</tr>
<tr>
<td><strong>Vista</strong></td>
<td>910 Sycamore Avenue</td>
</tr>
<tr>
<td></td>
<td>Vista, CA 92081</td>
</tr>
<tr>
<td><strong>Scripps Ranch</strong></td>
<td>9909 Mira Mesa Blvd.</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92131</td>
</tr>
<tr>
<td><strong>Kearny Mesa</strong></td>
<td>7910 Frost Street</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92123</td>
</tr>
<tr>
<td><strong>Rady Children’s Hospital-San Diego</strong></td>
<td>3020 Children’s Way</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92123</td>
</tr>
<tr>
<td><strong>Chula Vista</strong></td>
<td>959 Lane Avenue</td>
</tr>
<tr>
<td></td>
<td>Chula Vista, CA 91914</td>
</tr>
<tr>
<td><strong>Temecula</strong></td>
<td>31720 Temecula Parkway</td>
</tr>
<tr>
<td></td>
<td>Temecula, CA 92952</td>
</tr>
<tr>
<td><strong>Sorrento Valley</strong></td>
<td>4910 Directors Place</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA 92121</td>
</tr>
</tbody>
</table>
Table of Contents

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

Cardiothoracic (Heart and Lung) Surgery
  Adult Congenital Heart Defects ..................................................................................................... 18
  Pulmonary Thromboendarterectomy (PTE) .................................................................................... 19

Vascular Surgery
  Endovascular Surgery .................................................................................................................... 23
  Index ................................................................................................................................................ 24
Cardiology

Cardiology is the branch of medicine specializing in the study and treatment of heart conditions. Learn more about [cardiology](https://health.ucsd.edu) 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](https://health.ucsd.edu) 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 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.

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

**Specialty:**
Cardiology

**Subspecialty:**
General Cardiology

**Add'l Language:**
Spanish

Hillcrest - 4th & Lewis Medical Offices
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 pharmacotherapy to target coronary disease, hypertension, hyperlipidemia and other cardiac diseases.

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

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
Encinitas - El Camino Real
Rancho Bernardo - Via Tazon

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-8530
Direct Clinic Line - Encinitas: (760) 697-3110
Direct Clinic Line - Rancho Bernardo: (858) 605-4448

Bio:
Anya Narezkina, MD, is a board-certified cardiologist. As a general cardiologist, she 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 heart transplant and mechanical circulatory support. He specializes in 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**

**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, FHFA
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, 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 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'1 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'1 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 - Heart Failure (cont.)

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
Cardiothoracic (Heart and Lung) Surgery

Cardiothoracic (Heart and Lung) Surgery specializes in operations to the heart, chest or both — generally includes treatment for heart and lung diseases and conditions. Learn more about cardiothoracic (heart and lung) surgery at UC San Diego Health System.

Joelle M. Coletta, MD, FACS
Cardiothoracic Surgeon
Associate Professor of Surgery

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Surgery

Sulpizio Cardiovascular Center

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

Bio:
Joelle Coletta, MD, is a cardiothoracic surgeon and chief of the cardiothoracic surgery section at the Veterans Administration Hospital affiliated with UC San Diego. She also performs both cardiac and thoracic operations at Sulpizio Cardiovascular Center.

Daniel L. Gramins, MD
Cardiothoracic and Vascular Surgeon
Associate Professor of Surgery

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Vascular Surgery

Sulpizio Cardiovascular Center

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

Bio:
Daniel Gramins, MD, is a board-certified cardiothoracic and vascular surgeon who also serves as surgical director of the cardiothoracic surgery program at TriCity Medical Center.

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.

Steven Howe, MD
Cardiothoracic Surgeon
Associate Professor of Surgery

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Surgery

Temecula Parkway

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

Bio:
Steven Howe, MD, is a board-certified cardiothoracic surgeon who specializes in treating a wide range of cardiovascular diseases, including aortic valve disease, coronary artery disease, and other peripheral and major vascular conditions. Dr. Howe performs adult cardiothoracic surgery, including peripheral and major vascular surgery, thoracic and abdominal endovascular surgery and thoracic trauma surgery.
Cardiothoracic (Heart and Lung) Surgery (cont.)

Mark W. Onaitis, MD
Thoracic Surgeon
Professor of Medicine

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Cancer, Surgery
Subspecialties:
Lung Cancer, Minimally Invasive Surgery

Moores Cancer Center
Sulpizio Cardiovascular Center

Contact:
New Patient Registration: (800) 926-8273
Direct Clinic Line: (858) 657-7086

Bio:
Mark Onaitis, MD, is a board-certified thoracic surgeon who specializes in malignant and benign conditions of the chest, including lung cancer, esophageal cancer, thymic malignancy, gastroesophageal reflux, achalasia, paraesophageal hernia, and myasthenia gravis. He uses minimally invasive approaches – thorascopy and robotics – to treat these conditions.

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.

Anthony Perricone, MD
Clinical Professor

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Cancer, Surgery, Transplantation
Subspecialties:
Lung Cancer, Lung Transplantation, Minimally Invasive Surgery

Sulpizio Cardiovascular Center

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

Bio:
Dr. Perricone is director of the Cardiothoracic Unit at the Sulpizio Cardiovascular Center, and surgical director of lung transplantation at UC San Diego Health.
Cardiothoracic (Heart and Lung) Surgery (cont.)

Patricia Thistlethwaite, MD, PhD
Cardiothoracic Surgeon
Professor of Surgery

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

**Subspecialties:**
Minimally Invasive Surgery, Heart Transplantation, Lung Cancer

**Sulpizio Cardiovascular Center**

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

**Bio:**
Patricia A. Thistlethwaite, MD, PhD, is a board-certified cardiothoracic surgeon who specializes in lung cancer, mediastinal and chest wall surgery, diseases of the thymus, minimally invasive thoracic surgery, and heart and lung transplantation. She focuses on providing patient-centered clinical care, using minimally invasive approaches to treat thoracic disease.

Cardiothoracic (Heart and Lung) Surgery - Adult Congenital Heart Defects

John Lamberti, MD

**Specialty:**
Cardiothoracic (Heart and Lung) Surgery

**Subspecialty:**
Adult Congenital Heart Defects

**Sulpizio Cardiovascular Center**

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

**Bio:**
Dr. Lamberti leads the pediatric heart surgery program at Rady Children's Hospital, and also performs surgeries for adult congenital heart defects at Sulpizio Cardiovascular Center.
Cardiothoracic (Heart and Lung) Surgery - Pulmonary Thromboendarterectomy (PTE)

Stuart W. Jamieson, MB, FRCS, FACS, FACC, FACCP
Dean, Cardiovascular Affairs
Endowed Chair and Distinguished Professor of Surgery

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Surgery
Subspecialty:
Pulmonary Thromboendarterectomy (PTE)

Sulpizio Cardiovascular Center
Hillcrest - Medical Offices North

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

Bio:
Stuart W. Jamieson, MB, is a cardiothoracic surgeon and expert in pulmonary thromboendarterectomy. He is one of the founding members of Sulpizio Cardiovascular Center at UC San Diego Health and is known throughout the world for his ground-breaking research and surgical innovations.

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, Pulmonary Thromboendarterectomy (PTE), Heart Failure
Add'l 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 also an expert in minimally invasive heart surgery, mitral valve repair and off-pump bypass surgery.
Cardiothoracic (Heart and Lung) Surgery - Pulmonary Thromboendarterectomy (PTE) (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

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.

Naohide Sakakibara, MD
Thoracic Surgeon
Assistant Professor of Surgery

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Surgery

Subspecialty:
Pulmonary Thromboendarterectomy (PTE)

Sulpizio Cardiovascular Center

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

Bio:
UC San Diego Health Links
Vascular Surgery

Vascular surgery is a specialty of medical surgery in which diseases of the vascular system, or arteries and veins, are managed by medical therapy, minimally-invasive catheter procedures, and surgical reconstruction. Learn more about vascular surgery at UC San Diego Health System.

Dennis Bandyk, MD
Vascular Surgeon
Professor of Surgery

Specialties:
Vascular Surgery, Surgery

Subspecialty:
Minimally Invasive Surgery

Jacobs Medical Center

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

Bio:
Dennis Bandyk, MD, is a board-certified vascular surgeon who diagnoses and treats people with disorders affecting the arteries, veins and lymphatic systems. He provides comprehensive medical treatment and reconstructive vascular surgical and endovascular (less invasive) techniques for individuals with all types of vascular conditions.

Andrew Barleben, MD
Vascular Surgeon
Assistant Clinical Professor of Surgery

Specialties:
Vascular Surgery, Surgery

Hillcrest - UC San Diego Medical Center
Sulpizio Cardiovascular Center

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

Bio:
Andrew Barleben, MD, is a board-certified vascular surgeon, specializing in the treatment of a variety of conditions and diseases, including thoracic and abdominal aortic disease, carotid artery disease, cerebrovascular disease, peripheral artery disease, renal artery disease, mesenteric artery disease, peripheral vascular disease, varicose veins, venous ulceration and deep vein thrombosis.

Daniel L. Gramins, MD
Cardiothoracic and Vascular Surgeon
Associate Professor of Surgery

Specialties:
Cardiothoracic (Heart and Lung) Surgery, Vascular Surgery

Sulpizio Cardiovascular Center

Bio:
Daniel Gramins, MD, is a board-certified cardiothoracic and vascular surgeon who also serves as surgical director of the cardiothoracic surgery program at TriCity Medical Center.

John Lane, MD
Interim Chief, Vascular Surgery

Specialties:
Vascular Surgery, Surgery

Hillcrest - UC San Diego Medical Center
Sulpizio Cardiovascular Center

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

Bio:
UC San Diego Health Links
Vascular Surgery (cont.)

Mahmoud B. Malas, MD, MHS, FACS
Vascular Surgeon
Chief of Vascular and Endovascular Surgery
Vice Chair of Surgery for Clinical Research

Specialties:
Vascular Surgery, Surgery

Subspeciality:
Minimally Invasive Surgery

Add'l Language:
Arabic

Sulpizio Cardiovascular Center

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

Bio:
Mahmoud Malas, MD, is a vascular surgeon who treats patients with conditions related to blood vessels and the lymphatic system, including carotid artery disease, thoracic and abdominal aortic aneurysm and peripheral arterial disease. He specializes in both traditional open surgery as well as minimally invasive approaches that require no incision, based on what is best for each patient.
Vascular Surgery - Endovascular Surgery

Erik L Owens, MD
Vascular Surgeon
Professor of Surgery

Specialties:
Vascular Surgery, Surgery

Subspeciality:
Endovascular Surgery

Add'l Language:
Norwegian

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

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

Bio:
Erik Owens, MD, is a board-certified vascular surgeon. He is engaged in several clinical studies with interests in aortic aneurysms, treatment of venous stasis ulcers and minimally invasive bypass procedures. He serves as co-director for the Endovascular Training Center at the San Diego VA Medical Center.
Index

A
Adler, Eric David ......................................................... 8
Alshawabkeh, Laith ..................................................... 1
Ang, Lawrence .............................................................. 14

B
Bandyk, Dennis ............................................................ 21
Barleben, Andrew ......................................................... 21
Barnard, Denise Dayle .................................................. 8
Birgersdotter-Green, Ulrika ........................................... 2
Blanchard, Daniel G. ........................................................ 4

C
Castellanos, Luis R. ....................................................... 4
Coletta, Joelle M. .......................................................... 16
Cotter, Bruno ................................................................. 4

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

F
Feld, Gregory Kent ........................................................ 2

G
Golts, Eugene ............................................................ 9, 16
Gramins, Daniel L. ......................................................... 16, 21
Greenberg, Barry H. ..................................................... 9

H
Han, Frederick (Fred) .................................................... 2
Ho, Gordon ................................................................. 2
Hoffmayer, Kurt ........................................................... 3
Howe, Steven ............................................................... 16
Hsu, Jonathan ............................................................... 3

J
Jamieson, Stuart W. ....................................................... 19

K
Kim, Paul J. ................................................................. 9
Krummen, David Edward ............................................. 3

L
Lamberti, John ............................................................ 18
Lane, John ................................................................. 21

M
Madani, Michael M ..................................................... 10, 19
Mahmud, Ehtisham ....................................................... 14
Malas, Mahmoud B. ..................................................... 22
McDivit Mizzell, Anna ................................................ 5

N
Narekzina, Anya .......................................................... 5

O
Onaltis, Mark W. ........................................................ 17
Owens, Erik L .............................................................. 23

P
Patel, Mitul ................................................................. 15
Perricone, Anthony ...................................................... 17
Peterson, Kirk L. ......................................................... 5
Pollema, Travis L. ....................................................... 10, 17
Pretorius, Victor (Gert) ................................................. 11, 20

R
Raisinghani, Ajit .......................................................... 6
Raissi, Farshad ............................................................ 3, 11
Reeves, Ryan R. ........................................................... 15

S
Sakakibara, Nachide .................................................... 20
Shen, Jia ................................................................. 6, 12
Silva Enciso, Jorge E. .................................................... 12

T
Taub, Pam R. ............................................................... 7, 13
Thistlethwaite, Patricia ............................................... 18
Thomas, Isac C. ........................................................... 7
Tran, Hao (Howie) ....................................................... 12
Tsimikas, Sotirios ......................................................... 15

U
Urey, Marcus A. ........................................................... 13

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