CARDIOVASCULAR FELLOWSHIP TRAINING PROGRAM

UNIVERSITY OF OKLAHOMA
2015-2016
Training Sites

OU Medical Center – Presbyterian Tower

Oklahoma City VA Medical Center

Fellows rotate through two training site hospitals:

1. OU Medical Center (www.oumedicine.com)
2. Oklahoma City VA Medical Center (www.oklahoma.va.gov)

Both hospitals are geographically adjacent and connected by a skywalk. On average fellows spend 50% of their time rotating through each site. Both OU Medical Center and DVA Medical Center offer a comprehensive spectrum of cardiovascular services including:

- Acute coronary care
- In-house primary PCI for ST Elevation MI
- Cardiac catheterization laboratories
- Coronary and peripheral interventions
- Echocardiography laboratories (including TEE and stress echocardiography)
- Nuclear Cardiology services
- Cardiac Implantable Electronic Devices (CIEDs- pacemakers, ICD, CRT)
- Cardiothoracic surgery
- Arrhythmia Ablation (only at OUMC)

Located next to OU Children's Physicians, the Oklahoma City VA Medical Center provides medical care to eligible veterans and also serves as a teaching hospital for the University of Oklahoma College of Medicine.

Over 300 University residents, interns, and students are trained at the Oklahoma City VA Medical Center each year. In addition to training future medical doctors, there are also affiliations the College of Nursing, Dentistry, Pharmacy and others programs at the OU Health Sciences Center.
OUHSC Cardiovascular Faculty 2015-16

**Section Chief:**
Dwight Reynolds

**Fellowship Program Director & Vice Chief for Education and Training:**
C.A. Sivaram

**Associate Program Director:**
Faisal Latif

**Electrophysiology:**
Ralph Lazzara
Sunny Po
Karen Beckman
Deborah Lockwood
Stavros Stavrakis
Sunil Mathew
Benjamin Scherlag
Hiroshi Nakagawa
Warren (Sonny) Jackman
Paul Garabelli

**Interventional Cardiology:**
Mazen Abu-Fadel
Beau Hawkins
Emilio Exaire
Faisal Latif
Talla Rousan

**Echocardiography:**
C.A. Sivaram
Pedro Lozano
Christina Murray
Tarun Dasari
Nicole Tran
Sabrina Phillips

**Nuclear Cardiology:**
Christina Murray
Tarun Dasari
Nicole Tran

**Heart Failure:**
Christina Murray
Tarun Dasari
Candice Sech

**Vascular Medicine:**
Suman Rathbun
Angelia Kirkpatrick
Ana Casanegra

**Pacing & Devices:**
Dwight Reynolds
Karen Beckman
Sunil Mathew

**Clinical Cardiology:**
Udho Thadani
Aneesh Pakala

**Adult Congenital Heart Disease:**
Sabrina Phillips
**Vascular Medicine**

Suman Rathbun    Thomas Whitsett    Ana Casanegra

**Interventional Cardiology**

Mazen Abu-Fadel     Emilio Exaire           Faisal Latif         Beau Hawkins       Talla Rousan

**Clinical Electrophysiology**

Sunny Po          Ralph Lazzara     Karen Beckman  Deborah Lockwood

Sunil Mathew       Paul Garabelli    Stavros Stavrakis
Clinical Electrophysiology

Benjamin Scherlag  Hiroshi Nakagawa  Sonny Jackman

Pacing and Devices

Dwight Reynolds

Echocardiography

Chittur Sivaram  Pedro Lozano  Tarun Dasari  Nicole Tran  Sabrina Phillips

Clinical Cardiology

Aneesh Pakala
Special OU Faculty Achievements

Past Presidents of the North American Society of Pacing and Electrophysiology (NASPE), now known as the Heart Rhythm Society:

- Dr. Ralph Lazzara
- Dr. Dwight Reynolds

2015 Gifted Educator Award from American College of Cardiology:

- Dr. C.A. Sivaram

Emerging Faculty- American College of Cardiology:

- Dr. Mazen Abu-Fadel
- Dr. Faisal Latif

Select Comments from Recently Graduated Fellows

“OU cardiology program provided a solid foundation for my growth as a cardiologist. This program allowed and encouraged me to grow in a manner that suited my career goals and aspirations. I found the faculty to be very friendly and they were always available whenever I needed any type of professional or personal guidance. If I were to do this all over again, OU would still be my choice for fellowship training.”
– Siddharth Wayangankar MD, Interventional Fellow, Cleveland Clinic

“OU provided me with a world class education that prepared me to go into practice confident in my knowledge and skills. I could not have asked for a better place to train.”
– Weston Hickey MD, Interventional Cardiologist in private practice, Houston TX

“The OU Cardiology Fellowship training is well rounded and prepared me extremely well for private practice. As a Cardiology Fellow at OU, I performed a high volume of procedures, worked very closely with world renowned physicians in Electrophysiology, Echocardiography, and General Cardiology, and was given plenty of autonomy to grow as a Fellow. This well-rounded program allows you to practice in almost any setting, and I would strongly recommend it to any applicant considering Cardiology as a career.”
– George Madden, General Cardiologist in private practice, OKC, OK

“A clear strength of the cardiology fellowship at OU is the progressive autonomy of both the invasive and non-invasive imaging rotations seen from year one to year three, the rotations that are tailored to each career path, and the cutting-edge research opportunities. For me, the early electrophysiology rotations helped me solidify my career choice.”
– Paul Garabelli, Electrophysiologist, OU Physicians, OKC, OK
## Current Fellows 2015-2016

<table>
<thead>
<tr>
<th>Year of Training</th>
<th>Fellow Name</th>
<th>Medical School</th>
<th>Residency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Third year</td>
<td>Matthew Cozart</td>
<td>University of Arkansas</td>
<td>University of Arkansas</td>
</tr>
<tr>
<td>Third year</td>
<td>Michael Koehler</td>
<td>University of Oklahoma</td>
<td>University of Oklahoma</td>
</tr>
<tr>
<td>Third year</td>
<td>Bhavin Patel</td>
<td>Medical College, Baroda, India</td>
<td>University of Oklahoma</td>
</tr>
<tr>
<td>Third year</td>
<td>Purvi Parwani</td>
<td>B.J. Medical College, Ahmedabad, India</td>
<td>University of Connecticut</td>
</tr>
<tr>
<td>Second year</td>
<td>Christel Cuevas</td>
<td>University of Texas Medical Branch, Galveston</td>
<td>University of Texas Medical Branch Galveston</td>
</tr>
<tr>
<td>Second year</td>
<td>Fahmi Farah</td>
<td>Texas Tech University</td>
<td>Scott and White</td>
</tr>
<tr>
<td>Second year</td>
<td>Steve Hamilton</td>
<td>UT Southwestern</td>
<td>University of Oklahoma</td>
</tr>
<tr>
<td>Second year</td>
<td>Daniel Sohinki</td>
<td>University of Iowa</td>
<td>UT Southwestern</td>
</tr>
<tr>
<td>First year</td>
<td>Elizabeth Mora Garzon</td>
<td>Universidad de Caldas Facultad de Ciencias para la Salud - Colombia</td>
<td>University of Miami</td>
</tr>
<tr>
<td>First year</td>
<td>Blake Morris</td>
<td>University of Oklahoma</td>
<td>University of Oklahoma</td>
</tr>
<tr>
<td>First year</td>
<td>Ethan Munzinger</td>
<td>University of Missouri</td>
<td>University of Oklahoma</td>
</tr>
<tr>
<td>First year</td>
<td>Ali Yousif</td>
<td>University of Texas Medical Branch, Galveston</td>
<td>Baylor College of Medicine</td>
</tr>
</tbody>
</table>
The University of Oklahoma Department of Medicine
Cardiovascular Fellows 2015-2016

First Year Fellows

Elizabeth Mora Garzon
Blake Morris
Ethan Munzinger
Ali Yousif

Second Year Fellows

Christel Cuevas
Fahmi Farah
Steven Hamilton
Daniel Sohinki

Third Year Fellows

Michael Koehler
Bhavin Patel
Purvi Parwani
Matthew Cozart

Interventional Fellows
Zeeshan Khan
Ajay Pachika
Federico Silva Palacios

EP Fellow
Edward Koomson
University of Oklahoma
Cardiovascular Diseases Fellowship Training Programs

1. Cardiovascular Diseases Fellowship
   a. Duration 36 months
   b. 12 total fellows
   c. 4 per year

2. Interventional Cardiology Fellowship
   a. Duration 12 months
   b. 2 fellows

3. Clinical Electrophysiology Fellowship
   a. Duration 12 months
   b. 1 fellow (2 positions)

4. Vascular Medicine (non-accredited)
   a. Duration 24 months
   b. 1 fellow

Quality Metrics

1. Accreditation status:
   Full accreditation for 6 years
   Last RRC visit 2007

2. Board Pass Rates
   - 2014: 4/4 (100%)
   - 2013: 4/4 (100%)
   - 2012: 4/4 (100%)
   - 2011: 4/4 (100%)
   - 2010: 4/4 (100%)
   - 2009: 4/4 (100%)
   - 2008: 3/4 (75%)
   - 2007: 4/4 (100%)
   - 2006: 3/3 (100%)
   - 2005: 2/2 (100%)
   - 2004: 2/4 (50%)
   - 2003: 2/2 (100%)
   - 2002: 4/4 (100%)
   - 2001: 2/2 (100%)
   - 2000: 3/4 (75%)

ABIM Definitions: First time takers only & exam taken at graduation or next year
3. Placement after Fellowship Training:

Graduating class of 2015:
- Zeeshan Khan: Interventional Fellowship- OU
- Edward Koomson: Clinical Electrophysiology Fellowship- OU
- George Madden: Private Practice, OK
- Aneesh Pakala: Academic- OU

Graduating class of 2014:
- Weston Hickey: Interventional Fellowship- OU→ Private Practice, TX
- Talla Rousan: Interventional Fellowship- University of Texas, Houston→ Academic OU
- Marcus Smith: Interventional Fellowship- OU→ Private Practice, OK
- Siddharth Wayangankar- Interventional Fellowship- Cleveland Clinic

Graduating class of 2013:
- Paul Garabelli: Clinical Electrophysiology Fellowship-OU→ Academic OU
- Jigar Patel: Interventional Fellowship, University of North Carolina, Chapel Hill→ Private Practice FL
- Charles Te: Clinical Electrophysiology Fellowship-OU→ Private Practice OK
- Cherian Varghese: Interventional Fellowship, University of Wisconsin, Madison→ Private Practice WI

Graduating class of 2012:
- Chadi Dib: Interventional Fellowship, University of Texas, Houston→ Private Practice, OK
- Tarun Dasari: Academic- OU
- Raghav Gupta: Interventional Fellowship, OU→ Private Practice, OK
- Reji Pappy: Interventional Fellowship- Mount Sinai, New York→ Private Practice, OK

Graduating class of 2011:
- Bryan Cogar: Interventional Fellowship, Texas Heart Institute → Private Practice, OK
- Beau Hawkins: Interventional Fellowship, Mass General Hosp, Harvard University→ Academic, OU
- Stavros Stavrakis: EP Fellowship, OU→ Academic, OU
- Soni Zacharias: Interventional Fellowship, OU→ Private Practice, OK

Graduating class of 2010:
- Chris Bauer: EP Fellowship, University of Oklahoma → Private Practice, MO
- Radwane Kesserwane: Interventional Fellowship, University of Oklahoma→ Private Practice, OK
- Dipesh Pokharel: Private Practice: Vancouver, Washington→ Private Practice, WA
- Candice Sech: Interventional Fellowship, Tufts University→ Private Practice, WA

Graduating class of 2009:
- Katherine Hays: Private Practice, Norman, OK
- Christina Murray: Academic, University of Oklahoma, OK
- Sunil Mathew: EP Fellowship, University of Oklahoma → (Private Practice) → Academic, OU
- Jeff Sparling: Interventional Fellowship, Brigham & Women’s, Harvard → Private Practice, OK
Graduating Class of 2008:

Tim Daly: Interventional Fellowship, University of Oklahoma → Private Practice, OK
Faisal Latif: Interventional Fellowship, William Beaumont Hosp, Royal Oaks, MI → Academic, OU
Shoaib Saya: Interventional Fellowship, UT Southwestern → Private Practice, TX
Chandra Vasamreddy: EP Fellowship, University of Oklahoma → Private Practice, MO

Graduating Class of 2007:

Archana Gautam: Academic Cardiology, University of Oklahoma → Interventional Fellowship → Private Practice, OK
Derek Norman: Interventional Fellowship, University of Oklahoma → Private Practice, OK
Michael Partin: Interventional Fellowship, University of Oklahoma → Private Practice, OK

Graduating Class of 2006:

Mazen Abu-Fadel: Interventional Fellowship, University of Oklahoma → Academic, OU
Faisal Nabi: Imaging Fellowship, Weil Cornell University & Methodist, Houston → Academic, TX
Shujahat Shah: Interventional Cardiology, University of Oklahoma → Private Practice, OK
Educational Innovations at OU:  
The ABIM Competency Based Pilot in IM-Cardiology

Our training program is one of 4 programs participating in the innovative Competency Based Pilot in IM-Cardiology, sponsored by the American Board of Internal Medicine (ABIM). This Pilot involves the administration of a competency based curriculum focused on cardiology to a selected group of IM residents accepted already to CV fellowship training during their third year of IM residency. In effect several ‘hybrid’ rotations during third of IM residency will offer credits for both IM and cardiology fellowship as part of the Pilot.

Institutions participating in the IM-Cardiology Pilot are University of Oklahoma, Vanderbilt University, Indiana University and Mount Sinai New York-Icahn School of Medicine. Each site has one Pilot resident per year, beginning July 2014. The national Chair for this ABIM Pilot is Dr. C.A. Sivaram, fellowship program director at OU.

Our Pilot residents/fellows at OU are:

1. Ethan Munzinger MD- Pilot Resident 2014/2015, CV Fellow 2015-2018

University of Oklahoma
Cardiology Fellow Research and Publications 2013-2015


Cath lab scene: Edward Koomson, Michael Koehler, Ajay Pachika, Daniel Sohinki & Beau Hawkins

Cardiovascular Fellows 2015-2016
Elizabeth Mora Garzon, Christel Cuevas, Fahmi Farah, Purvi Parwani
CV fellows at the ACC Oklahoma Chapter Annual Scientific Meeting, April 2015

First year CV Fellows, Orientation Day 2015
Ali Yousif, Blake Morris, Elizabeth Mora Garzon, Ethan Munzinger
CV Fellows with faculty at ACC 2015, San Diego

What a difference a year makes!
Second year CV fellows on Orientation Day June 2014 and beginning of second year June 2015
Fahmi Farah, Steven Hamilton, Christel Cuevas, Daniel Sohinki
CV Fellows with ACC President, Dr. Kim Williams at ACC 2015, San Diego

At the fellows graduation May 2015 with Dr. Faisal Latif and Dr. Dwight Reynolds
Graduating fellows 2015 at the Graduation Ceremony
Zeeshan Khan, Aneesh Pakaia, George Madden, Edward Koomson

Matthew Cozart and Zeeshan Khan at Capitol Hill as part of the
Oklahoma ACC Chapter delegation during the ACC Legislative Conference 2014
Steve Hamilton with his poster presentation at AHA 2014
Oklahoma City Attractions

Thunder Basketball

Sooners Football

OSU Cowboys Football

Bricktown

Armstrong Auditorium