



**RESIDENT
BOOT
CAMP**

ATS·2015
Denver Colorado



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PULMONARY • CRITICAL CARE • SLEEP

The Program

PROGRAM OVERVIEW:

The 2015 Resident Boot Camp was a two-day course that addressed basic knowledge and skills needed for first-year fellows in adult or pediatric pulmonary and/or critical care medicine programs. The course focused on topics and procedures that internal medicine residents may have had little or some exposure to, but which are essential to success as a first-year fellow. The 2015 Boot Camp was attended by 140 in-coming fellows who had matched into a pulmonary or critical care fellowship program beginning July 2015 and featured over 85 faculty teachers!

The 2015 Boot Camp was supported by in-kind grants from Bryan Corporation, CareFusion Corporation, FUJIFILM SonoSite, Inc., Hamilton Medical, Inc., Micro Direct, Inc., Olympus Corporation of the Americas, ResMed, Richard Wolf Medical Instruments Corp., Teleflex Incorporated, University of Colorado Denver Department of Anesthesiology, and Verathon.

2015 Resident Boot Camp Planning Group



Laura Crotty-Alexander, MD
Course Chair



Jennifer McCallister, MD
Course Co-Chair



Patricia A. Kritek, MD, EdM
Course Co-Chair



Samir Makani, MD
Course Co-Chair
Hands-on Learning



Brendan Clark, MD
Course Co-Chair



Edith Zemanick, MD
Course Co-Chair
Pediatric Track

The Details

OBJECTIVES:

The ATS Resident Boot Camp was a two-day course for in-coming first-year adult and pediatric fellows, which includes large group lectures, small breakout sessions and skill-based workshops.

Participation in the ATS Resident Boot Camp allowed new fellows to:

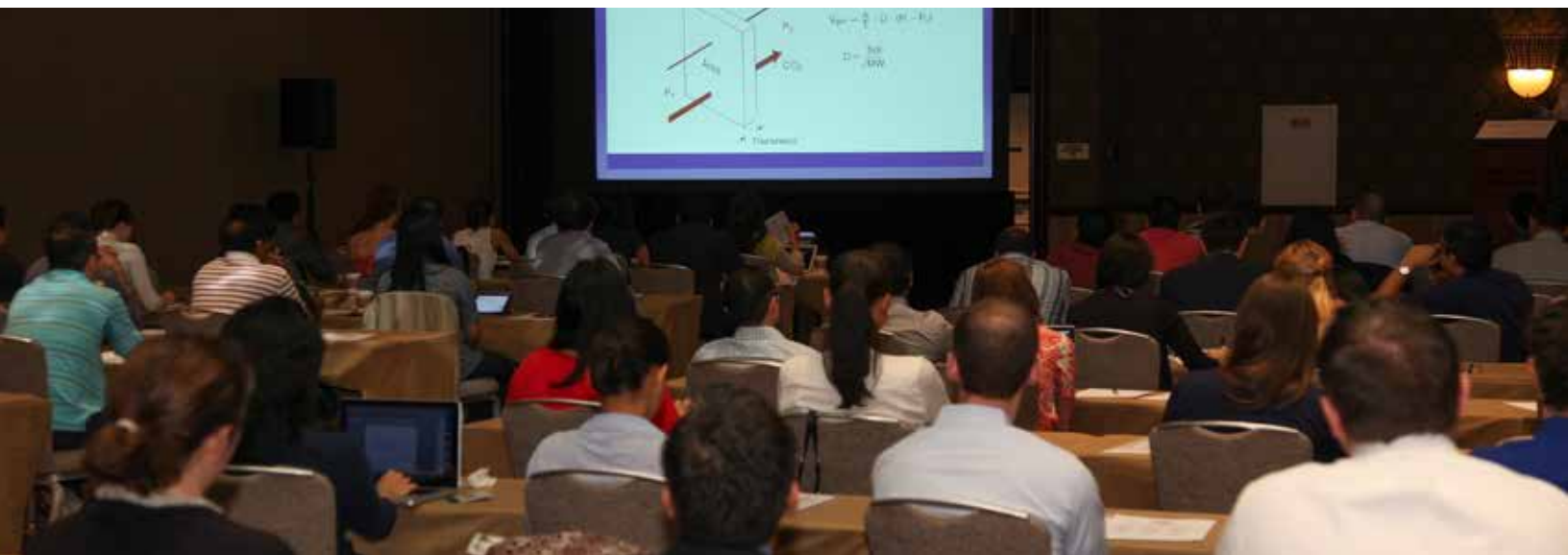
- Acquire knowledge of basic techniques and principles of mechanical ventilation, airway management, and bronchoscopy (indications, techniques, and limitations);
- Attain skills in vascular, thoracic, and pleural ultrasound image acquisition for ultrasound guided procedures and diagnosis (pneumothorax, thoracentesis, line placement, right ventricular dilation/dysfunction, volume status);
- Improve knowledge base in cardiopulmonary physiology; and
- Develop strategies to successfully manage common clinical emergencies encountered as a fellow.

OUTCOMES:

- 100% of participants ranked the content of the course as “excellent or good”.
- 100% of participants ranked adherence to course objectives as “excellent or good”.

QUICK FACTS

- 140 attendees attended Boot Camp
- 140 attendees received a travel stipend from the ATS to attend the Boot Camp
- Over 85 faculty teachers participated to maximize individualized attention and small-group learning



Faculty

The Boot Camp featured some of the best and brightest educators, and even included members of the ATS Executive Committee – demonstrating the Society’s commitment to developing the next generation of leaders in pulmonary, critical care and sleep medicine.

2015 TEACHER FACULTY LIST:

Rosemary Adamson, MD

University of Washington

Tyler Albert, MD

University of Washington

Christopher Baker, MD

University of Colorado

Ron Balkissoon, MD

University of Colorado

Bill Beninati, MD

University of Utah School of Medicine

Alex Benson, MD

University of Colorado

Jamie Bessich, MD

University of Pennsylvania

Jason Brainard, MD

University of Colorado

Vaughn Browne, MD

University of Colorado

Ellen Burnham, MD

University of Colorado

Graham Carlos, MD

Indiana University

Todd Carpenter, MD

University of Colorado

Lydia Chang, MD

University of North Carolina

Brendan Clark, MD

University of Colorado

Geoff Connors, MD

Yale University

Laura Crotty-Alexander, MD

University of California, San Diego

Dan Crouch, MD

University of California, San Diego

Angela Czaja, MD

Children’s Hospital Colorado

Carolyn D’Ambrosio, MD

Brigham and Women’s Hospital

Emily DeBoer, MD

Children’s Hospital Colorado

David Feller Kopman, MD

Johns Hopkins University

Dan Fox, MD

University of Colorado

Antonio Gomez, MD

University of California, San Francisco

Ryan Good, MD

Children’s Hospital Colorado

Nabeel Hamzeh, MD

University of Colorado

Stephen Hawkins, MD

Children’s Hospital Colorado

Jordana Hoppe, MD

Children’s Hospital Colorado

Grace Houser, MD

Children’s Hospital Colorado

Tristan Huie, MD

National Jewish Health

Jennifer Ingram, PhD

Duke University

Brian Jackson, MD

Children’s Hospital Colorado

Shazia Jamil, MD

University of California San Diego and Scripps Clinic

Mark Kearns, MD

University of Colorado

Rebecca Keith, MD

University of Colorado

Ross Kessler, MD

University of Colorado

Monica Kraft, MD

University of Arizona

Patricia Kritek, MD, EdM

University of Washington

Oren Kupfer, MD

Children’s Hospital Colorado

Nicholas Kwaan, MD

University of California, San Francisco

Andrew Lerner, MD

University of California, San Diego

Ni-Chang Liang, MD

University of California, San Diego

Deb Liptzin, MD

Children’s Hospital Colorado

Ken Lyn-Kew, MD

University of Colorado

Dennis Lyu, MD

University of Colorado

Madison Macht, MD

University of Colorado

Sheldon Magder, MD

McGill University

Faculty

Samir Makani, MD

University of California, San Diego

Atul Malhotra, MD

University of California, San Diego

Adam Manko, MD

The Ohio State University

Brenda Marsh, MD

The Ohio State University

Stacey Martiniano, MD

Children's Hospital Colorado

Susan Mathai, MD

University of Colorado

Jennifer McCallister, MD

The Ohio State University

Atul Mehta, MD

Cleveland Clinic

York Miller, MD

University of Colorado

Paul Mohabir, MD

Stanford University

Omar Mohamedaly, MD

University of California, San Diego

Marc Moss, MD

University of Colorado

Ali Musani, MD

University of Colorado

Erin Powell, MD

Vanderbilt University

Steve Pugliese, MD

University of Colorado

Leslie Ridall, MD

Children's Hospital Colorado

Jeff Robinson, MD

University of Colorado

Scott Sagel, MD

Children's Hospital Colorado

Ben Scott, MD

University of Colorado

Nitin Seam, MD

George Washington University

Rebecca Sell, MD

University of California, San Diego

Akaya Smith, MD

University of Pennsylvania

Josh Solomon, MD

National Jewish Hospital

Peter Sottile, MD

University of Colorado

Jeffrey Stowell, MD

University of Colorado

Brendan Sullivan, MD

University of Colorado

Arthur Sung, MD

Stanford University

Krittika Teerapuncharoen, MD

University of Alabama at Birmingham

Molly Thiessen, MD

University of Colorado

James Town, MD

University of Washington

Joshua Vasquez, MD

University of California, San Francisco

Aida Estrada, MD

University of Alabama at Birmingham

Christine Vohwinkel, MD, PhD

Children's Hospital Colorado

Anuja Vyas, MD

University of California, San Diego

Angela Wang, MD

Scripps Clinic and University of California, San Diego

Greg Weiss, MD

University of Colorado

John West, MD

University of California, San Diego

Scott Wolf, MD

University of Colorado

Zulma Yunt, MD

National Jewish Hospital

Carly Zebuhr, MD

Children's Hospital Colorado

Edith Zemanick, MD

Children's Hospital Colorado

Agenda

Large Group Lectures

Welcome to the Resident Boot Camp
Physiology-Pulmonary
Physiology-Critical Care
Waveforms and Critical Care
Top Five ICU Emergencies
Inpatient Emergencies: How to Lead Codes and Rapid Responses
Top Five Pulmonary Consult Questions

Small Break-Out Sessions

How and When to Submit Abstracts Papers and Chapters
End-of-Life Discussions
How to Lead a Team
How to Choose a Mentor
How to Avoid Burnout in Fellowship (Maintaining Work/Life Balance)
How to Teach in Small Groups

Hands-On Workshops

Mechanical Ventilation
Bronchoscopy 101
Bronchoscopy for Hotshots
Spirometry: How to Read PFTs
Lung and Pleural Ultrasound
Cardiac Ultrasound and Volume Assessment
Airway Managements 101
Difficult Airway Management



“ATS Resident Boot Camp provided me with amazing experience to prepare me for fellowship. Being able to get hands-on experience during various workshops on ultrasound-guided procedures, airway management, reading PFT and performing bronchoscopy and EBUS prior to my fellowship was invaluable. I’m very thankful to the sponsors and teaching faculty for the opportunity.”

-2015 Boot Camper: James Chang, MD

Residency: Michigan State University

Fellowship: Case Western Reserve University



“I was very glad I had the chance to participate in the Boot Camp at the ATS meeting for residents who will start pulmonary and critical care fellowships. This gave me a very good introduction into pulmonary and critical care medicine. In particular, I enjoyed the workshops on bronchoscopy and using endobronchial ultrasound during bronchoscopic procedures. I also liked the didactic sessions on the most common problems in pulmonary medicine and critical care medicine. I think this program has helped me start my fellowship with more confidence.”

-2015 Boot Camper: Hawa Edriss, MD

Residency: Texas Tech University Health Science Center
Fellowship: Texas Tech University Health Science Center



“The Resident Boot Camp helped me in two major ways - allay my anxieties on the knowledge and skill-set prior to fellowship, convincing me that I can do this; and teaching me things where my abilities were not well developed, thereby making me well-rounded! Would recommend this very highly to all final-year residents seeking to enter Pulm/CC/Sleep fellowships.”

–2015 Boot Camper: Saraschandra Vallabhajosyula, MBBS

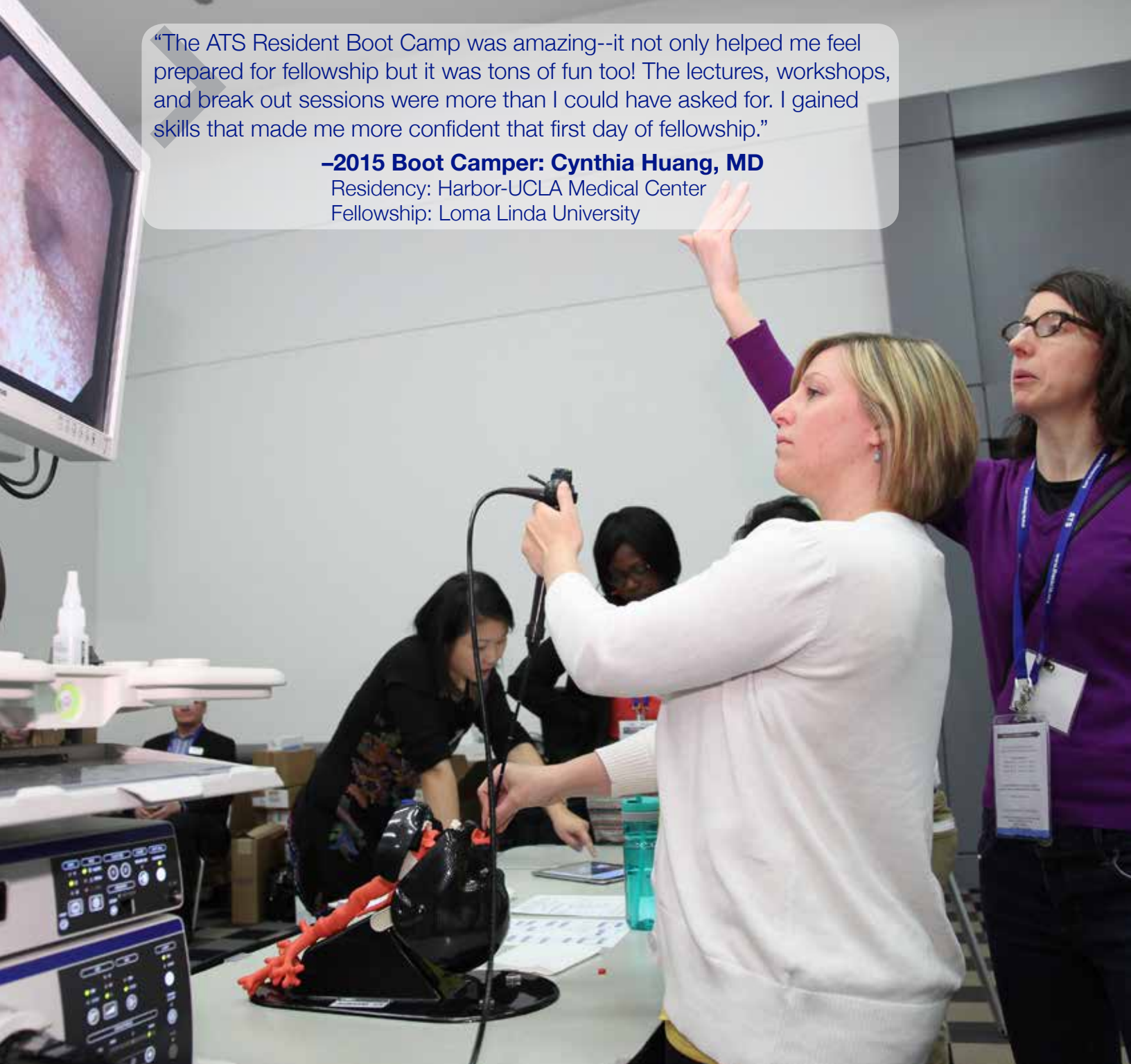
Residency: Creighton University School of Medicine

Fellowship: Mayo Clinic College of Medicine

“The ATS Resident Boot Camp was amazing--it not only helped me feel prepared for fellowship but it was tons of fun too! The lectures, workshops, and break out sessions were more than I could have asked for. I gained skills that made me more confident that first day of fellowship.”

–2015 Boot Camper: Cynthia Huang, MD

Residency: Harbor-UCLA Medical Center
Fellowship: Loma Linda University



“Thank you for the opportunity to be part of the Boot Camp. I really feel that it gave me a great foundation to start my training as a fellow. My co-fellow and I actually came back from the boot camp and told our program director that every first-year fellow should attend the boot camp prior to starting fellowship.”

–2015 Boot Camper: Felix Hernandez, MD

Residency: Cleveland Clinic Florida
Fellowship: Cleveland Clinic Florida

ATS Boot Camp Class of 2015!

Rania Abdul Rahman, MD
Mohannad Abu Omar, MD
Mark Adelman, MD
Shahryar Ahmad, MD
Haitham Al Ashry, MBBS
Lana Alghothani, MD
Jehan Alladina, MD
Samer AlSamman, MD
William Auyeung, MD
Natalya Azadeh, MD, MPH
Ridhwan Baba, MBBS
Stella Baez Corujo, MD
Saqib Baig, MD
Emerald Banas, MD
Ahsan Bashir, MD
Matthew Bernens, MD
Samuel Bergard, MD
Anita Bhagavath, MD
Britton Blough, MD
Ryan Boente, MD
Christine Bojanowski, MD
Ana Bonetti, MD
Nicole Bournival, MD
Stephanie Bourque, MD
Dedrick Bowe, MD
Nicholas Braus, MD
Samuel Bullick, DO
Amy Cacace, MD
Steven Campbell, MD
Erin Carlton, MD
Woo Chang, DO
Parag Chaudhari, MD
Omair Chaudhary, MD
Divya Chhabra, MBBS, MMSc
David Christiansen, MD
Keira Cohen, MD
Daryl Connolly, MD
Anna Conterato, MD
Christopher Dado, MD
Joshua Denson, MD
Huawei (Katie) Dong, MD
Kathleen Doo, MD
Karen Dugan, MD
Hawa Edriss, MD
Rania Esteitie, MD
Grant Farr, DO
Folashade Farri, MD, MPH

Michael Fingerhood, MD, MPH
Yuka Furuya, MD
Gautam George, MD
Mala Goyal, MD
Bridget Graney, MD
Mandeep Grewal, MD
Lucie Griffin, DO
Rafael Jose Grozman, MD
John Harrington, MD
Adam Hayek, DO
Christopher Henry, MD
Felix Hernandez, MD
Aria Hong, MD
Tim Hotze, MD
Molly Howsare, DO
Nancy Hsu, MD
Cynthia Huang, MD
Yunhee Im, MD
John Joerns, MD
Arun Jose, MD
Aarya Kafi, MD
Hala Karnib, MD
Adnan Khan, MD
Malik Khan, MD
Sikandar Khan, DO
Dina Khateeb, DO
Omar Khorfan, MD
Sasikumar Kilaikode, MD
Lawrence Kim, MD, MBA
Nicholas Kolaitis, MD
Shravan Kooragayalu, MD
Nidhi Kotwal, MD
Adam Kouns, MD
Harman Kular, MD
Vaishnavi Kundel, MD
Tiffany Latta, DO
Elinor Lee, MD
Jennifer Lee, MD
Brett Lindgren, DO
Karthika Linga, MD
Nahal Mansouri, MD
Ronnie Mantilla, MD
April McDonald, MD
Shail Mehta, MD
Shireen Mirza, MD
Aakash Modi, MD
Karen Niehaus, MD

Yewande Odeyemi, MD
Rose Paccione, MD
William Parker, MD
Krunal Patel, MD
Priya Patel, MD
Bhanu Patibandla, MD
Yoland Philpotts, MD
Ray Pillai, MD
Mario Ponce Alvarez, MD
Steven Popper, MD
Michael Prodromou, MD
Alexander Rabin, MD
Anand Kumar Rai, MBBS
Javier Ramos Rossy, MD
Gregory Ranches, MD
Rene Rico, MD
Justin Rosenheck, DO
Debjit Saha, MD
Lekshmi Santhosh, MD
Erica Schneider, MD
Eric Scholten, MD
Luke Seaburg, MD
Herman Sequeira, MD
Sameh Shalaby, MD
William Shapiro, MD
Laura Sherlock, MD
Sheri Shimizu-Saito, MD
Subhas Sitaula, MBBS
Morgan Soffler, MD
Eduardo Solbes, MD
Cordelia Solomon, MD
Laura Spece, MD
Shubha Srinivas, MD
Sally Suliman, MD
Samir Sultan, DO
Brent Tatsuno, MD
Jeffrey Thiboutot, MD
Sheri Tran, MD
Victor Tseng, MD
Naveen Tyagi, MD
Saraschandra Vallabhajosyula, MBBS
Gabriel Wardi, MD
Bethany Weiler-Lisowski, MD
Blair Wendlandt, MD
Rebecca Wukovich, MD

RESIDENT BOOT CAMP

ATS 2016
San Francisco CALIFORNIA



If you are interested in attending the 2016 Resident Boot Camp in San Francisco, please send an email to Lauren Lynch, director of ATS education, llynch@thoracic.org

Cover photo by Steve Schneider

“I am so glad I attended the 2015 ATS Boot Camp - it gave me a solid foundation to build on and has increased my confidence level overall. Thank you so much ATS!”

-2015 Boot Camper: Yewande Odeyemi, MD

Residency: Howard University
Fellowship: Howard University



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AMERICAN THORACIC SOCIETY
25 Broadway, 18th Floor, New York, NY 10004
T. 212-315-8600 F. 212-315-6498
www.thoracic.org