



ATS
Resident
BOOT
CAMP

**AMERICAN THORACIC SOCIETY
2014**

The Program



Laura Crotty Alexander, MD

PROGRAM OVERVIEW:

In 2013, Laura Crotty Alexander, MD, a member of the ATS Training Committee, had the idea of developing an ATS course that would equip incoming pulmonary and critical care fellows with the information needed to flourish during their fellowship year. So often, many fellows show up on their first day without basic skills. The goal behind the Boot Camp was to provide third-year residents with baseline knowledge and hands-on skills needed to succeed during their first year of fellowship.

Fast forward to 2014, with the guidance of Dr. Crotty Alexander and the ATS Training Committee, the ATS held the first “Resident Boot Camp.” This two-day course was held on Friday, May 16 and Saturday, May 17, 2014, and was attended by 70 attendees all of whom matched to a pulmonary critical care fellowship program and featured over 35 faculty members.

The ATS Resident Boot Camp was supported by an educational grant from Olympus Corporation of the Americas. In-Kind Support was generously provided by Bryan Corporation, CareFusion Corporation, CONMED, FUJIFILM SonoSite, Inc., ndd Medical Technologies, Inc., Olympus Corporation of the Americas, and Richard Wolf Medical Instruments Corp.

Jennifer McCallister, MD, (pictured left) Chair of the ATS Training Committee and Boot Camp Co-Chair, and Patricia A. Kritek, MD, EdM, (pictured right) Training Committee member and Boot Camp Co-Chair, plan for the start of the Boot Camp.



The Details

OBJECTIVES:

The Boot Camp is a two-day course for third-year internal medicine and pediatric residents (as well as chief residents and hospitalists) who matched into a fellowship program for the following year. The course includes didactic presentations, small breakout sessions and hands-on, skill-based workshops.

Participation in the ATS Resident Boot Camp allowed residents to:

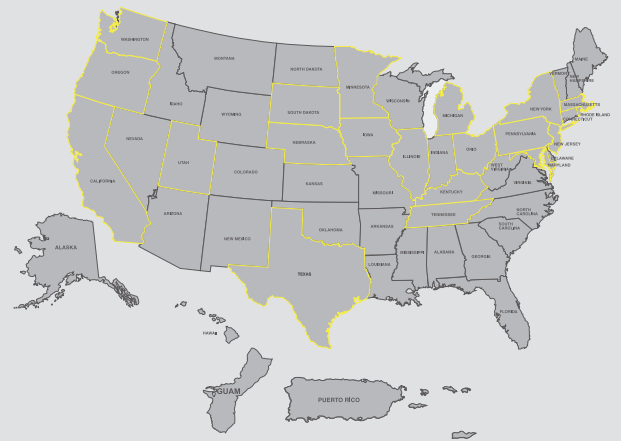
- Acquire knowledge of basic techniques and principles of mechanical ventilation, airway management, and bronchoscopy (indications, techniques, and limitations);
- Attain skills in vascular, thoracic, and pleural ultrasound image acquisition for ultrasound guided procedures and diagnosis (pneumothorax, thoracentesis, line placement, right ventricular dilation/dysfunction, volume status);
- Improve knowledge base on cardiopulmonary physiology; and
- Develop strategies to successfully manage common 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”
- All residents demonstrated increased knowledge based on pre-test and post-test performance

QUICK FACTS

- 70 attendees attended the Boot Camp, all of whom had matched in a pulmonary, critical care or sleep fellowship program
- 20 attendees received a travel stipend from the ATS to attend the Boot Camp
- 14 chief residents attended the Boot Camp
- Incoming fellows from 20 states as well as Canada (2) and England (1)



Faculty

The Boot Camp featured the best and brightest educators, and 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. The enthusiasm shared by both the teachers and residents was magnetic.

2014 Teacher Faculty List:

Tyler Albert, MD
University of Washington

William Auger, MD
University of California, San Diego

Bill Beninati, MD
Intermountain Medical Center

Lydia Chang, MD
University of North Carolina

Brendan Clark, MD
University of Colorado

Laura Crotty Alexander, MD
University of California, San Diego

Dan Crouch, MD
University of California, San Diego

Carolyn D'Ambrosio, MD
Tufts University

Roland El Ghazal, MD
University of California, San Diego

David Feller-Kopman, MD
Johns Hopkins

Thomas Ferkol, MD
Washington University
President-Elect, ATS

Colin Grissom, MD
Intermountain Medical Center

Jennifer Ingram, PhD
Duke University

Shazia Jamil, MD
University of California, San Diego

David Kanarek, MD
Massachusetts General Hospital

Danai Khemasuwan, MD
University of Washington

Andrew Kitcher, MD
University of California, San Diego

Monica Kraft, MD
Duke University
Immediate Past President, ATS

Patricia Kritek, MD, EdM
University of Washington

Judd Landsberg, MD
University of California, San Diego

Michael Lanspa, MD
Intermountain Medical Center

Marisa Magana, MD
University of California, San Diego

Samir Makani, MD
University of California, San Diego

Atul Malhotra, MD
University of California, San Diego
Vice President, ATS

Jennifer McCallister, MD
The Ohio State University

Jess Mandel, MD
University of California, San Diego

Atul Mehta, MD
Cleveland Clinic

Paul Mohabir, MD
Stanford University

Demosthenes Papamatheakis, MD
University of California, San Diego

Rebecca Sell, MD
University of California, San Diego

Kevin Shaw, MD
University of California, San Diego

Akaya Smith, MD
University of Pennsylvania

Arthur Sung, MD
Stanford University

John West, MD
University of California, San Diego

Lindia Willies-Jacobo, MD
University of California, San Diego

Agenda



Didactic Talks

- Welcome to the ATS
- Physiology-Pulmonary
- Physiology-Critical Care
- How to Address Health Care Inequalities
- Inpatient Emergencies and How to Manage Them
- How and When to Submit Abstracts, Papers and Chapters
- Professionalism

Small Break-Out Sessions

- How to Do a Consult
- End-of-Life Discussions
- How to Lead an ICU Team
- How to Choose a Mentor
- How to Avoid Burnout in Fellowship (Maintaining Work/Life Balance)
- How to Teach on Rounds and in Small Group Settings

Hands-On Workshops

- Mechanical Ventilation
- Bronchoscopy
- Spirometry
- Lung and Pleural Ultrasound
- Basic Airway Management
- Difficult Airway Management

Skill Based



"The Resident Boot Camp was an amazing educational, professional, and personal opportunity. In all aspects, the Resident Boot Camp was highly successful and rewarding as a participant. Overall, I think the greatest quality of Boot Camp is the inspiration it provides. Being among other future fellows excited about the specialty only fuels the passion. Being among renown Attendings dedicated to teaching only strengthens the commitment. And being around a society that is committed to our future only excites me of the future career that awaits me and inspires me to continue the tradition in the future."

—Jason Lee, MD (3rd Year Resident),
Santa Clara Valley Medical Center/University of California, Davis

Learning

"The best parts of the Boot Camp by far were the afternoon hands-on workshops. The most valuable to me were the bronchoscopy teaching sessions.

Having faculty facilitators with such great knowledge and experience in bronchoscopy such as Dr. Mehta was fantastic, and these sessions were worth the airfare and accommodation alone. Being able to get hands-on with a bronchoscope for the first time prior to fellowship was a fantastic learning experience, and I am very grateful to the sponsors and the teaching faculty for the opportunity."

—Christopher Ewing, MD, University of Alberta, Canada



Atul Mehta, MD, (pictured far right) Boot Camp Faculty-Teacher, explains a bronchoscope technique during the Bronchoscopy 101 hands on workshop to a small group of residents as well as Training Committee member, Samya Nasr, MD (pictured far left).

Small Group



Anica Law, MD, a Boot Camp attendee applies the skills learned in Bronchoscopy 101, while Samir Makani, MD, faculty-teacher, provides additional coaching.

Workshops

"I consider myself very fortunate to have had the opportunity to participate in the ATS Resident Boot Camp. I learned an incredible amount over the course of the two days and am so excited to start fellowship armed with this additional knowledge and experience. Though the entire course was extremely useful, I found the many of the afternoon small group sessions to be the most high yield. While it's easy to read about airway management, bronchoscopy and the use of ultrasound in critical care, it's another to have one-on-one coaching and supervision while completing these procedures. Like many residents, despite having some exposure to airway management and bronchoscopy, these were two areas in which I did not feel confident, and unlike pulmonary physiology or the management of sepsis, merely reading about these two areas wasn't going to increase my comfort level."

—Carleen Risaliti, MD (3rd Year Resident), The Ohio State University



Networking



"The ATS Resident Boot Camp has been an invaluable experience to help prepare me for fellowship. It has given me exposure to a variety of procedures and techniques as well as time to ask specific questions in a small group setting. I was also able to identify my areas of weakness so I can focus on improving them during fellowship."

-Lauren Blackwell, MD,
New Jersey Medical School/Rutgers University

ATS Boot Camp Class of 2014!

Oluwaseyi Adejorin, MD

Shilpi Ahuja, MD

Ihab Al Shelli, MD

Nicholas Arger, MD

Anirudh Aron, MD

Sabin Bista, MD

Lauren Blackwell, MD

Marilynn Chan, MD

Karan Chugh, MD

Rajani Dy, MD

Christopher Ewing, MD

Brian Flaherty, MD

Farbod Ghods, MD

Carrie Goodson, MD

Allen Greenwald, MD

Shobhit Gupta, DO

Duc Ha, MD

Imnett Habtes, MD

Hafiz Hashmi, MD

JP Higuero, MD

Jonathan Holdorf, MD

Catherine Hooper, MD

Leena Jalota, MD

Amanpreet Kaur, MD

Anas Khalil, MD

Georgia Koltisda, MD

Mohammad Kousha, MD

Cheryl Lane, MD

Christopher Lau, MD

Anica Law, MD

Jason Lee, MD

Chaitanya Mandapakala, MD

Brenda Marsh, MD, PhD

Mark Mastrodicasa, MD

Rosemary Megalaa, MD

Anurag Mehortha, MD

Edward Mims, MD

Sravanthi Nandavaram, MD

Da-Vinh Nguyen, MD

Freny Nirappil, MD

Uche Oddiri, MD

Luis Ortiz, MD

Subodh Pandey, MD

Madhu Pendurthi, MD

Alejandro Pezzulo, MD

Erin Powell, MD

Ravi Punwani, MD

Noreen Rajwani, MD

Carleen Risaliti, MD

Miguel Robles, MD, MPH

Mathieu Saint-Pierre, MD

Humberto Sasieta Tello, MD

Gayathri Sathiyamoorthy, MD

Sameep Sehgal, MD

Walter Shakespeare, DO

Hasham Sharifi, MD

Stephanie Shin, MD

Shant Shirvanian, MD

Prateek Shukla, MD

Abhishek Singla, MD

Rodjawan (Tong)Supakul, MD

MirandaTan, MD

Amit Tandon, MD

Laneshia Thomas, MD

Sheri Tran, MD

Pichapong Tunsupon, MD

Katherine Walker, MD

Leah Witt, MD

Krysta Wolfe, MD

Stephen Yau, MD

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For more information about the ATS 2015 Resident
Boot Camp Program, please contact:
Lauren Lynch llynch@thoracic.org

Visit the ATS Trainee Career Development Center
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