



ATS 2020

*Where today's science
meets tomorrow's care™*

INTERNATIONAL CONFERENCE

May 15-20, 2020 | Philadelphia, PA

conference.thoracic.org

2020 ROAD MAP

FOR EARLY CAREER PROFESSIONALS



AMERICAN THORACIC SOCIETY INTERNATIONAL CONFERENCE

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**For conference info at your fingertips,
look for the ATS 2020 Conference App
in the App Store or Google Play!**

Learn more at conference.thoracic.org

WELCOME

Welcome to ATS 2020 in Philadelphia, Pennsylvania! With more than 16,000 attendees from more than 100 countries, those of us in the Members In Transition and Training (MITT) Committee understand that it can be difficult to figure out how to navigate this enormous conference. So, to help you as an ATS member in training or early in your career, we have created the Road Map for Early Career Professionals.

The Road Map for Early Career Professionals is a flowsheet of all the major events at ATS 2020. We have highlighted activities that we believe are of interest to ATS members in training and early career professionals. In addition to the Road Map for Early Career Professionals, there are also other focused Road Maps for those of you with different sub-specialty interests, including Road Maps for Sleep Medicine and Pediatric Pulmonology (see page 11 for QR codes to link to those Road Maps). Finally, the full ATS conference program is worth checking out to find symposia and poster sessions related to other specific interests you may have.

In this booklet, we have also highlighted several events, programs, resources and tools that are of particular interest to students, residents, fellows, and early career professionals in our Tips for First Time ATS Attendees (see page 5). In addition, the following events and opportunities are high-yield components of the ATS 2020 conference, and definitely worth checking out:

- **Diversity Forum** (Sunday, May 17th, 11:45 a.m.-1:15p.m., Loews Philadelphia Hotel): Focused on addressing key issues with regard to diversity and underrepresented minorities in Pulmonary, Critical Care, and Sleep Medicine, the Diversity Forum is an important and valuable event at ATS 2020 for trainees and early career professionals.
- **Women's Forum** (Monday, May 18th, 11:45 a.m.-1:15 p.m., Loews Philadelphia Hotel): Supporting the advancement of women in Pulmonary, Critical Care, and Sleep Medicine and recognizing achievements and successes of women in the field is the focus of the Women's Forum. Trainees and early career faculty are encouraged to attend, participate, and network at this event.
- **ATS Assembly Mentoring Programs:** Please go to www.thoracic.org/go/mentoring-program to learn more about this valuable component of the ATS 2020 International Conference.
- **Assembly Business Meetings:** We strongly believe that the Assembly business meetings are the best way to get involved in the ATS. More information about the ATS Assemblies can be found on page 14.

In addition to all these activities, there are many ways to get involved with in the ATS outside of the International Conference. If you would like to get involved with ATS activities after the conference is over, please contact ATS staff members Liz Guzman and Rebecca Fisch, who work closely with the MITT Committee at fellows@thoracic.org and please sign up to get involved at <https://www.thoracic.org/members/assemblies/get-involved-with-ats.php>

Again, on behalf of the entire MITT Committee, welcome to ATS 2020! We hope you have an exciting, informative, and valuable experience.

Sincerely,



Sushma K. Cribbs, MD, MSc, ATSF
Chair, MITT Committee
skomaku@emory.edu



MITT Committee 2020

TIPS FOR FIRST TIME ATS ATTENDEES

- 1** **Don't be shy to ask questions!** ATS is a friendly environment of clinicians and scientists who are excited to be presenting their work and would be thrilled to engage in conversation, develop new collaborations, and get to know early career members and trainees.
- 2** **Review the program** before the start of the conference so you can pick out the sessions of most interest to you and create an agenda for the meeting. Discuss your session choices with mentors and others who have attended prior ATS conferences.
- 3** **The ATS Early Career Road Map** features high-impact presentations that would be helpful for early career ATS members. This year, we also have customized road maps for those interested in medical education, sleep or pediatric medicine. (Pages 7-11)
- 4** **The Early Career Networking Exchange** is a very popular event that is great for re-connecting with old colleagues and meeting new ones. This year it will be held at 5:30-6:30 p.m. on Saturday, May 16, at the [Location TBD] and we will have **FREE** food and drinks!
- 5** **Check out the schedule for the Center for Career Development (CCD)**, which features several interactive small group sessions that focus on important topics for early career ATS members. This will include sessions with editors of the ATS journals regarding opportunities to get involved and tips for submitting your work for publication. The CCD also has **FREE** coffee, hors d'oeuvres, and happy hours throughout the conference (Page 16).
- 6** **The Faculty Development Series** is a series of informative talks by senior ATS members to provide career advice for fellows and post-docs who are within a few years of transitioning to their first faculty position. These sessions are held in the CCD (page 15).
- 7** **The Diversity Forum** will be held at 11:45 a.m.-1:15 p.m. on Sunday, May 17 at the Loews Philadelphia Hotel. **The Women's Forum** will be held at 11:45 a.m.-1:15 p.m. on Monday, May 18 at the Loews Philadelphia Hotel. These are both great opportunities for networking and include lunch for \$20. Advanced registration is suggested as space is limited (page 17).
- 8** **Join an ATS Assembly** based on your area of interest and attend the assembly meeting to learn more about how to get involved (page 14). Each assembly also has a mentoring program to pair early-career members with senior mentors in your area (www.thoracic.org/go/mentoring-program).
- 9** **After the conference**, be sure to check out the ATS website for additional **FREE** resources such as conference materials, a suggested reading list for fellows, high-yield educational videos, and our grants resource guide. Additionally, new trainee members of the ATS get one year of **FREE** membership.
- 10** **The Members in Transition and Training (MITT)** committee is ALL about providing opportunities that advance the careers of trainees and early career members at ATS. Have a question or an idea? Reach out to us anytime via email (fellows@thoracic.org) or catch us at one of the Center for Career Development sessions.

NETWORKING EVENT

THE NETWORKING EXCHANGE FOR EARLY CAREER PROFESSIONALS

Become an
ATS member
for FREE!

Connect
with
Peers!

Get
involved!

Learn more
about
the ATS
conference!

COME MINGLE WITH COLLEAGUES, MENTORS AND PEERS
COMPLIMENTARY DRINKS AND APPETIZERS

Saturday, May 16, 2020

Time: 5:30–6:30p.m.

Location: TBD

The event is FREE to paid conference registrants.

Sponsored by the Members in Transition and Training Committee (MITT)

Questions? Contact Liz Guzman (lguzman@thoracic.org) or Rebecca Fisch (rfisch@thoracic.org)

Connect with Us! Use #ATSEarlyCareer

ROAD MAP

SUNDAY, MAY 17 SCHEDULE

MORNING SESSIONS

Highlighted sessions are recommended by MITT for early career professionals.

Session Code	Title	Focus	Room
8:00–8:45 a.m.			
K1	ATS Keynote: Electronic Cigarettes and Vaping of Nicotine and THC Products		
9:15–11:15 a.m.			
A1	CLINICAL YEAR IN REVIEW 1: ILD, NPPV and Oxygen Delivery, Cystic Fibrosis, ARDS		
A2	NEJM/JAMA Symposium - Pulmonary		
A3	EARLY COPD: GETTING TO THE ROOT OF THE PROBLEM	Translational	
A4	THE NEW ERA OF CRITICAL CARE FOR CANCER PATIENTS: CELLS TO SYSTEMS	Clinical, Translational	
A5	LUNG REGENERATION: WHAT DO WE WANT?	Basic	
A6	CONTROVERSIES IN SLEEP APNEA PATHOPHYSIOLOGY DEBATE	Basic, Clinical, Translational	
A7	SYSTEMS BIOLOGY PLATFORMS FOR DRUG REPURPOSING IN PULMONARY HYPERTENSION AND BEYOND	Basic, Clinical, Translational	
A8	PRECISION MEDICINE IN PEDIATRIC RESPIRATORY DISEASES: READY FOR PRIME TIME?	Clinical, Translational	
A9	SEX, LUNGS, AND ENVIRONMENTAL EXPOSURES	Clinical, Translational	
A10	LINKING LUNG DEVELOPMENT AND CARCINOGENESIS: FROM PATHWAYS TO LUNGMAP AND THE PRECANCER ATLAS	Basic, Translational	
A11	BEYOND REPRESENTATION: ACHIEVING GENDER EQUITY IN ACADEMIC MEDICINE	Basic, Behavioral	
A12	PALLIATIVE CARE IN CHRONIC RESPIRATORY DISEASE: A STATE OF THE SCIENCE	Behavioral, Clinical	
11–11:50 a.m.			
	CCD: HOW TO MANAGE YOUR STUDENT LOANS		
11:45 a.m.–12:45 p.m.			
PCC1	PEDIATRIC CLINICAL CORE CURRICULUM: ACUTE HYPOXEMIC FAILURE, CHRONIC RESPIRATORY FAILURE		
11:45 a.m.–1:15 p.m.			
CC1	CRITICAL CARE CLINICAL CORE CURRICULUM: Liver Disease, Upper GI Bleeding, Alcohol Withdrawal Syndrome		

AFTERNOON SESSIONS

Session Code	Title	Focus	Room
12–12:50 p.m.			
	CCD: PROMOTION PROCESS IN ACADEMIC MEDICINE		
1–1:50 p.m.			
	FACULTY DEVELOPMENT SERIES: A PRACTICAL APPROACH TO IMPROVING WELLNESS: ADDRESSING INSTITUTIONAL FACTORS THAT CONTRIBUTE TO BURNOUT		
2–2:50 p.m.			
	CCD: Teaching Procedures		
2:15–4:15 p.m.			
A81	NURSING YEAR IN REVIEW COMPLEMENTARY HEALTH APPROACHES FOR PATIENT-REPORTED SYMPTOMS IN PULMONARY, CRITICAL CARE, AND SLEEP MEDICINE	Behavioral, Clinical, Translational	
A82	UNDERSTANDING INTERSTITIAL LUNG DISEASE THROUGH MULTI-DIMENSIONAL BIOMARKERS	Clinical, Translational	
A83	GREAT CASES: Clinical, Radiologic, and Pathologic Correlations by Master Physicians	Clinical, Translational	
A84	NEJM/JAMA SYMPOSIUM - CRITICAL CARE		
A85	LUNG REGENERATION: HOW DO WE GET THERE?	Basic	
A86	BUILDING RESPIRATORY EPITHELIUM AND TISSUE FOR HEALTH (BREATH): ORGANOIDS AND ENGINEERING	Basic, Translational	
A87	CONTROVERSIES IN PEDIATRIC PULMONOLOGY	Clinical, Translational	
A88	THREE IN ONE: Updates on Asthma Management from 3 Guideline Committees	Clinical	
A89	BACTERIOPHAGE THERAPY OF COMPLEX PULMONARY INFECTIONS	Clinical, Translational	
A90	EMERGING DANGERS FROM E-CIGARETTES: LET'S HAVE A VAPE DEBATE	Basic, Behavioral, Translational	
A91	ATS CLINICAL PRACTICE GUIDELINES: CLINICAL PRACTICE ON THE CUTTING EDGE	Behavioral, Clinical, Translational	
3–3:50 p.m.			
	CCD: Training is Ending: Now What? Approaching Your First Job Search (TIME)		
4–5:00 p.m.			
	CCD: TEACH/Clinician-Educator Themed Networking Hour		

ROAD MAP

MONDAY, MAY 18 MORNING SCHEDULE

MORNING SESSIONS

Highlighted sessions are recommended by MITT for early career professionals.

Session Code	Title	Focus	Room
8–8:45 a.m.			
K2	ATS Keynote: Obesity-Hypoventilation Syndrome		
9:15–11:15 a.m.			
B1	CLINICAL YEAR IN REVIEW 2: Asthma, Sleep Medicine, Sepsis, Occupational Lung Disease		
B2	WHEN CF BECOMES NON-CF BRONCHIECTASIS: THE ONGOING BATTLE AGAINST INFECTION IN CYSTIC FIBROSIS DURING THE CFTR-MODULATOR ERA	Clinical, Translational	
B3	FELLOWS CASE CONFERENCE	Clinical	
B4	A POSITIVE APPROACH TO NEGATIVE TRIALS: MAKING SENSE OF CONFLICTING TRIALS IN CRITICAL CARE	Clinical, Translational	
B5	CELLULAR PLASTICITY AND LUNG TISSUE BIOENGINEERING: NOVEL APPROACHES TO ADVANCED RESPIRATORY DISEASE	Basic, Clinical, Translational	
B6	ADVANCING CARE QUALITY FOR ADULT HOME OXYGEN PATIENTS	Clinical	
B7	LUNG CANCER SCREENING: SOMETHING OLD, SOMETHINGS NEW, SOMETHING BORROWED, SOMETHING BLUE	Behavioral, Clinical, Translational	
B8	INFLAMMATION IN ARDS: TOO MUCH OR TOO LITTLE?	Basic, Translational	
B9	2020 VISION OF TB	Basic, Clinical, Translational	
B10	EARLY PULMONARY COMPLICATIONS OF STEM CELL TRANSPLANT UPDATE FROM NIH WORKSHOP	Basic, Clinical, Translational	
B11	BEYOND DNA: NOVEL OMICS APPROACHES TO LUNG DISEASE, FROM BENCH TO BEDSIDE	Basic, Translational	
B12	CHAIR SYMPOSIUM: CLINICAL TRIALS		
B13	PRESIDENT'S SYMPOSIUM: CLINICAL PRACTICE 2020: EFFECTIVELY LEARNING, TEACHING, AND SHARING MEDICAL INFORMATION		
11 a.m.–1:00 p.m.			
	CCD: Journals Session		
11:45 a.m.–12:45 p.m.			
PCC2	PEDIATRIC CLINICAL CORE CURRICULUM: CONGENITAL DIAPHRAGMATIC HERNIA, CONGENITAL LUNG MALFORMATIONS		
11:45 a.m.–1:15 p.m.			
CC2	PULMONARY CLINICAL CORE CURRICULUM: PE, CTEPH		



See the
6th Annual
**BEAR
CAGE
COMPETITION**

May 18, 1–3pm
Science and Innovation Center

ROAD MAP

MONDAY, MAY 18 AFTERNOON SCHEDULE

AFTERNOON SESSIONS

Highlighted sessions are recommended by MITT for early career professionals.

Session Code	Title	Focus	Room
1-1:50 p.m.			
	Faculty Development Series: A Practical Approach to Improving Wellness: A Unit-based Approach to Addressing Burnout		
2-2:50 p.m.			
	CCD: How to Choose What to Get Involved In and How to Say No (for mid-career)		
2:15-4:15 p.m.			
B81	PEDIATRIC YEAR IN REVIEW		
B82	ROLE OF SURGERY FOR PLEURAL DISEASES IN 2020: WHAT PULMONOLOGISTS NEED TO KNOW		
B83	EARLY DETECTION AND DIAGNOSIS OF IDIOPATHIC PULMONARY FIBROSIS	Clinical	
B84	EARLY SEPSIS CARE AND THE HOUR ONE BUNDLE: WHY? WHEN? WHO? HOW?	Clinical	
B85	THE RARE AND THE FEW, NEWLY IDENTIFIED CELL TYPES IN THE LUNG AND IMPLICATIONS FOR DISEASE AND REGENERATION	Behavioral Clinical	
B86	DELIVERY OF PULMONARY REHABILITATION IN THE FACE OF SOCIAL AND HEALTH INEQUALITY. CAN WE BRIDGE THE GAP?	Basic Clinical Translational	
B87	SLEEP CLINIC 2030: BIG DATA, WEARABLES AND DEEP LEARNING CHANGE SLEEP MEDICINE	Clinical	
B88	MIND THE GAP: ENDING GENDER DISCRIMINATION AND SEXUAL HARASSMENT IN CRITICAL CARE	Basic	
B89	UNLOCKING THE POTENTIAL OF TRAINED IMMUNITY TO TREAT RESPIRATORY DISEASES	Behavioral Clinical	
B90	SMOKE SIGNALS: WILDFIRE EXPOSURE AND PULMONARY HEALTH OUTCOMES	Behavioral Clinical	
B91	ORIGINS OF COPD: SUSCEPTIBILITY OF DIFFERENT CELL TYPES	Behavioral Clinical	
B92	ATS JOURNALS 2020 AND BEYOND: TRANSFORMATIONS IN MEDICAL PUBLISHING FOR AUTHORS AND READERS	Behavioral Clinical Translational	
3-3:50 p.m.			
	CCD: Successful Partnering of MDs and PhDs: Furthering Research Endeavors		
4-5:00 p.m.			
	CCD: MD/PhD Networking Hour		

ATS Journals at the Center for Career Development

AJRCCM, AJRCMB, AnnalsATS, ATS Scholar:
Monday, May 18 from 11 a.m.–1 p.m.

AJRCCM, AJRCMB, AnnalsATS, and ATS Scholar will have a combined session in the Center for Career Development on Monday, May 18, 2020. Our Editors will provide firsthand guidance for becoming a successful peer reviewer, building editorial experience, and getting involved with the ATS Journals family.



ROAD MAP

TUESDAY, MAY 19 SCHEDULE

MORNING SESSIONS

Highlighted sessions are recommended by MITT for early career professionals.

Session Code	Title	Focus	Room
9:15–11:15 a.m.			
C1	CLINICAL YEAR IN REVIEW 3: Lung Cancer, Rare Lung Disease, General Critical Care, Lung Transplantation		
C2	LUNG COMPLICATIONS AFTER HEMATOPOIETIC CELL TRANSPLANT	Behavioral Clinical	
C3	PEDIATRIC CLINICAL CHEST ROUNDS	Clinical Translational	
C4	EVERYTHING YOU WANTED TO KNOW ABOUT CARING FOR CRITICALLY ILL GERIATRIC PATIENTS	Behavioral Clinical	
C5	CLINICAL CONTROVERSIES IN PULMONARY HYPERTENSION: A PRO/CON DEBATE	Translational	
C6	AN INTEGRATED SYSTEM: IMPACTS OF SKELETAL MUSCLE AND CARDIAC PHYSIOLOGY IN COPD	Basic Translational	
C7	MAKING THE ALVEOLI PUZZLE LESS PUZZLING: DISTAL LUNG REGENERATION CELL BY CELL	Clinical Translational	
C8	IMPLEMENTATION SCIENCE IN THE ICU 2.0: BEYOND BARRIERS AND FACILITATORS	Clinical Translational	
C9	POST-INFECTION LUNG REGENERATION AND REPAIR	Clinical	
C10	BUILDING GLOBAL ADVOCACY TO ADVANCE GLOBAL LUNG HEALTH	Behavioral Clinical	
C11	EVOLVING KNOWLEDGE OF THE EFFECT OF CANNABIS ON THE LUNG	Basic Translational	
C12	INITIATING PHARMACOLOGIC TREATMENT OF TOBACCO DEPENDENCE IN ADULT SMOKERS: INSIGHT INTO THE UPDATED CLINICAL PRACTICE GUIDELINES	Basic Translational	
11:00–11:50 a.m.			
	CCD: The Importance of a Civil Workplace		
11:45 a.m.–12:45 p.m.			
PCC3	Smoke Inhalation Lung Injury, Vaporizers, E-Cigarettes and Other Electronic Delivery Systems		

AFTERNOON SESSIONS

Session Code	Title	Focus	Room
12–12:50 p.m.			
	CCD: Writing ATS Proposals that Get Programmed		
1–1:50 p.m.			
	Faculty Development Series: A Practical Approach to Improving Wellness: Improving Resiliency		
2–2:50 p.m.			
	CCD: Creating Digital Media to Teach and Disseminate Your Work: Infographics, Visual Abstracts, and Videos		
2:15–4:15 p.m.			
C82	PHENOTYPING ACUTE EXACERBATIONS OF COPD	Clinical, Translational	
C83	THE ROLE OF LUNG MICROBIOME IN INTERSTITIAL LUNG DISEASES: STATE OF THE ART AND FUTURE DIRECTIONS	Basic, Clinical, Translational	
C84	HAS THE PENDULUM SWUNG TOO FAR? EVALUATING CURRENT PRACTICES IN CRITICAL CARE	Clinical	
C85	SCIENTIFIC BREAKTHROUGHS	Basic, Clinical, Translational	
C86	ATS MYTHBUSTERS: NOVEL SINGLE CELL PROFILING TECHNOLOGIES WILL HAVE A SIGNIFICANT IMPACT ON THE UNDERSTANDING AND MANAGEMENT OF PULMONARY FIBROSIS	Basic, Translational	
C87	PARTNERS IN CRIME: INTERACTION OF SEX DISPARITY, OBESITY, INFECTIONS AND SMOKING IN PULMONARY HYPERTENSION	Basic, Translational	
C88	ADVANCES IN RESPIRATORY DISEASES IN DOWN SYNDROME: BRIDGING BENCH AND BEDSIDE	Basic, Behavioral, Clinical, Translational	
C89	QUANTITATIVE PHYSIOLOGY: MODERN IMAGING TOOLS FOR TACKLING TIMELESS QUESTIONS	Clinical, Translational	
C90	MODULATING TYPE 2 AIRWAY INFLAMMATION- THINKING OUTSIDE OF IL-4, IL-5, AND IL-13	Translational	
C91	INTEGRATIVE GENOMICS STRATEGIES FOR COMPLEX RESPIRATORY DISEASES	Basic, Translational	
C91	UNCOVERING THE HIDDEN CURRICULUM: ADDRESSING IMPLICIT BIAS IN MEDICINE	Behavioral	
C92	ATS CLINICAL PRACTICE GUIDELINES: CLINICAL PRACTICE ON THE CUTTING EDGE	Clinical Translational	
3–3:50 p.m.			
	CCD: Pursuing an Academic Career as an International Medical Graduate (IMG)		
4–5:00 p.m.			
	CCD: IMG-Themed Networking Hour		

ROAD MAP

WEDNESDAY, MAY 20 SCHEDULE & HIGHLIGHTS

MORNING SESSIONS

Highlighted sessions are recommended by MITT for early career professionals.

Session Code	Title	Focus	Room
8:45–10:45 a.m.			
D2	ETHICAL CHALLENGES IN CARING FOR PATIENTS WITH ADVANCED CARDIOPULMONARY DISEASE	Clinical	
D3	STATE OF THE ART IN RESPIRATORY CARE OF NEUROMUSCULAR DISEASE FROM PEDIATRICS TO ADULT: LIVING LONGER AND LIVING BETTER	Clinical	
D4	REDEFINING TIME ZERO: CRITICAL CARE DELIVERY IN THE FIELD, ED, AND WARD	Behavioral, Clinical	
D5	MICROBIOME-IMMUNE INTERACTIONS IN ASTHMA	Translational	
D6	GENETIC AND MOLECULAR MECHANISMS OF ABNORMAL LUNG DEVELOPMENT	Basic, Clinical, Translational	
D7	SEEING IS BELIEVING: NOVEL IMAGING APPROACHES TO THE PULMONARY VASCULATURE AND RV	Basic, Translational	
D8	THE MATRIX REVEALED: UNDERSTANDING EXTRACELLULAR MATRIX INFLUENCES ON LUNG DISEASES	Basic, Clinical, Translational	
D9	LUNG CANCER RISK ASSESSMENT: CLINICAL MODELS X MOLECULAR BIOMARKERS	Clinical, Translational	
D10	THE EVOLUTION OF INHALATION: THE BIOLOGIC, PHYSICAL, AND POLICY IMPLICATIONS OF VAPING AND OTHER NOVEL DEVICES	Basic, Behavioral, Clinical	
D11	BUILDING GLOBAL ADVOCACY TO ADVANCE GLOBAL LUNG HEALTH	Behavioral	
11:15 a.m.–12:15 p.m.			
PCC4	Sarcoidosis, Congenital Heart Disease		
11:15 a.m.–12:45 p.m.			
CC5	SLEEP CLINICAL CORE CURRICULUM, OSA		

AFTERNOON SESSIONS

Session Code	Title	Focus	Room
1–3:00 p.m.			
CC6	SLEEP CLINICAL CORE CURRICULUM: Sleep Apnea, Insomnia, Sleep-Inducing Medications, Cannabis		
D82	CONTROVERSIAL TREATMENT STRATEGIES IN COPD: PRO/CON	Clinical, Translational	
D83	TELOMERES IN INTERSTITIAL LUNG DISEASE AND LUNG TRANSPLANTATION	Clinical, Translational	
D84	TWENTY YEARS INTO THE LOW TIDAL VOLUME ERA FOR ARDS: WHAT ELSE SHOULD WE BE DOING?	Clinical, Translational	
D85	ENVIRONMENTAL EXPOSURES AND THE AIRWAY MICROBIOME	Basic, Behavioral, Clinical, Translational	
D86	CUTTING-EDGE DIAGNOSTICS: INTEGRATING MULTI-OMIC PLATFORMS IN THE DIAGNOSIS OF LUNG INFECTIONS	Basic, Clinical, Translational	
D87	REPAIR AND REGENERATION OF THE LUNG: TARGETING STEM CELLS IN CYSTIC FIBROSIS	Basic, Clinical, Translational	
D88	SLEEP DISORDERS: THE NEW RISK FACTOR FOR AGE-RELATED NEURODEGENERATIVE DISEASES?	Basic, Clinical, Translational	
D89	NOVEL THERAPEUTIC MANAGEMENT IN NON-TUBERCULOUS MYCOBACTERIA	Basic, Clinical	
D90	Chair Symposium: HORIZONS IN EXTRACORPOREAL SUPPORT: EVIDENCE, ENIGMAS, AND WHAT'S COMING NEXT	Basic Clinical Translational	

FOR PEDIATRIC HIGHLIGHTS, VISIT
[conference.thoracic.org/program/
resources/2020/road-map-pediatric-
track.pdf](https://conference.thoracic.org/program/resources/2020/road-map-pediatric-track.pdf)



FOR SLEEP HIGHLIGHTS, VISIT
[conference.thoracic.org/program/
resources/2020/road-map-sleep-track.
pdf](https://conference.thoracic.org/program/resources/2020/road-map-sleep-track.pdf)



IMPORTANT EVENTS FOR EARLY CAREER PROFESSIONALS

ATS Journals at the Center for Career Development

AJRCCM, AJRCMB, AnnalsATS, ATS Scholar:
Monday, May 18 from 11 a.m.–1 p.m.

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Fellows Case Conference

Monday, May 18, 2020

Time: 9:15–11:15 a.m.

Location: TBD

The Fellows Case Conference will consist of unique cases presented and discussed by fellows to a panel of clinical experts. Cases will feature clear clinical, radiographic, and pathologic findings and the discussions will yield important teaching for both fellows and seasoned clinicians.

Amberson Lecture

Sunday, May 17, 2020

Time: 4:30–5:30 p.m.

Location: Pennsylvania Convention Center
Ballroom A-B (Above Grand Hall)

The Amberson Lecturer is an individual with a career of major lifetime contributions to clinical or basic pulmonary research and/or clinical practice. The Lecture is given in honor of James Burns Amberson, an international authority on chest disease and tuberculosis.

Lecturer: Richard C. Boucher, Jr., MD, Chapel Hill, NC

Recognition Awards for Scientific Accomplishments

Monday, May 18, 2020

Time: 2:15–4:15 p.m.

Location: TBD

The Recognition Award for Scientific Accomplishments is given to individuals for outstanding scientific contributions in basic or clinical research to enhance the understanding, prevention and treatment of lung disease. Those considered for the award are recognized for either scientific contributions throughout their careers or for major contributions at a particular point in their careers.

Chairing: Z. Borok, MD, ATSF, Los Angeles, CA

Awardees: Janet S. Lee, MD, Pittsburgh, PA

Patty J. Lee, MD, Durham, NC

Julian Solway, MD, Chicago, IL

Jason X.J. Yuan, MD, PhD, San Diego, CA

Trudeau Medal

Sunday, May 17, 2020

Time: 4:30–5:30 p.m.

Location: Pennsylvania Convention Center
Ballroom A-B (Above Grand Hall)

The Trudeau Medalist is an individual with lifelong major contributions to prevention, diagnosis and treatment of lung disease through leadership in research, education, or clinical care. This award was established in 1926 and is given in honor of Edward Livingston Trudeau, a founder and the first president of the American Lung Association.

Awardee: Peter J. Barnes, MD, DSc, ATSF, London, United Kingdom

Distinguished Achievement Award

Sunday, May 17, 2020

Time: 4:30–5:30 p.m.

Location: Pennsylvania Convention Center
Ballroom A-B (Above Grand Hall)

The Distinguished Achievement Award is given to individuals who have made outstanding contributions to fighting respiratory disease through research, education, patient care, or advocacy.

Awardees: John R. Balmes, MD, San Francisco, CA

Anne E. Dixon, MD, ATSF, Burlington, VT

ATS LGBTQ and Allies Interest Group Reception

The LGBTQ and Allies Interest Group was formed in 2010 to recognize the LGBTQ community within the ATS. The group meets annually at the ATS International Conference with a social gathering which allows members to network and interact in an informal and open environment. We hope this affords junior members an opportunity for mentorship and advice while facilitating potential collaborations amongst all in the group.

Please RSVP to Breana Portelli (bportelli@thoracic.org).

THE ATS AT A GLANCE

ATS AT A GLANCE

When the members of the MITT Committee first met, we realized there was a lot about the ATS that we didn't know. To make the ATS more accessible, we created the ATS 101 section. We hope this section will give you some ideas on how you can become more active within the organization.

How does the ATS work?

The ATS is a member-driven organization, meaning that all decisions are effectively made by members. The day-to-day function of the ATS relies on a dedicated staff of more than 90 employees, who work in offices in New York and Washington, D.C. The Society's leadership is represented by an Executive Committee comprised of the executive director and five elected officers.

Each year, the Society's Nominating Committee selects two candidates from solicited nominations and then the membership votes for who should become the next Secretary-Treasurer. The election results are announced in the ATS News and other Society communications in April.

Why should I get involved in the ATS?

As an ATS member, you can have a direct impact on pulmonary, critical care, and sleep medicine both nationally and internationally. Active members help the Society to develop statements and guidelines, create new educational programs, prioritize content for existing activities and guide the political voice of the ATS.

ATS leaders are actively soliciting the voice of junior members, so the best time to get involved is now!

What are the Assemblies?

The 14 ATS Assemblies and three sections are at the heart of the Society's mission. Through these groups, ATS members review, analyze and disseminate the latest basic science, translational, and clinical information. To learn more about Assemblies please go to <http://www.thoracic.org/members/assemblies/>.

What is an ATS Committee?

Committees are appointed groups that shape and carry out the ATS's many initiatives. The Society's president-elect appoints new committee members in the months preceding each International Conference. To learn more about committees and how to get involved please go to <http://www.thoracic.org/members/committees/index.php>.

What is the Public Advisory Roundtable (PAR)?

In February 2001, former ATS president William J. Martin, II, MD, founded ATS PAR, the arm of the ATS that incorporates patient and family perspectives into the Society's activities. Today, ATS PAR comprises 15 member organizations that represent patients affected by respiratory diseases, critical illnesses, and sleep-related conditions. The group collaborates with the ATS to advance their shared educational, research, patient care and advocacy missions. To learn more please go to <http://www.thoracic.org/patients/par/index.php>.

How can I be more involved during the International Conference?

International Conference programming, for the most part, is driven by ATS Assemblies. Each Assembly is allotted a specific number of slots for each type of session and its Program Committee ranks various submissions. A direct way to be a part of the conference is to submit your own symposium suggestion to the appropriate assembly during the Call for Input period, which takes place immediately after the conference. To increase the chances of acceptance, ask the assembly program committee chair and/or its members for advice.

Remember, you shouldn't be discouraged by rejection. Assemblies often receive many submissions for only a few symposia slots. Get feedback and try again. Persistence pays off!

Where can I access CME?

The ATS is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The designation of AMA PRA Category 1 Credit(s)[™] per session will be available in January and in the Final Program. Physicians should only claim the credit commensurate with the extent of their participation in the activity. This live activity has been planned and implemented in accordance with the essential areas and policies of the ACCME and are free from the control of commercial interests. The ATS is unable to offer AMA PRA Category 1 Credit(s)[™] for sessions that include presentations made by industry-employed speakers if the topic of their presentation relates to a product or business line of their employer. Most of the major symposia, postgraduate courses, workshops and seminars are eligible for AMA PRA Category 1 Credit(s)[™].

Where can I go for more information for Trainees in the field?

The ATS International Conference is one of the largest gatherings for pulmonary, critical care and sleep medicine professionals in the world. For those starting their careers or have recently transitioned into to a career in pulmonary, critical care or sleep, the International Conference is a great opportunity to learn more about the field. To learn more about programs for Trainee please go to <http://www.thoracic.org/members/membership/join-the-ats/special-membership-programs.php>

If you are interested in getting involved, send an email to: fellows@thoracic.org.

ATS STAFF FOR MEMBERS IN TRANSITION AND TRAINING

Elizabeth Guzman

Senior Manager, Education Projects and Programs
Phone: 212-315-8627 • Email: lguzman@thoracic.org

Rebecca Fisch

Coordinator, Education Programs
Phone: 212-315-8629 • Email: rfisch@thoracic.org

ATS ASSEMBLY MEMBERSHIP MEETINGS

ATS Assembly Membership Meetings

Assemblies are the heart of the ATS and provide a great entry point to the organization for trainees, junior faculty, and new ATS members. Among other activities, the Society's 14 assemblies are responsible for contributing to the programming and content of the International Conference.

One of the easiest ways to get involved is to attend one or more of the annual Assembly Membership Meetings that you feel best fits your clinical and research interests. Held during the International Conference, these meetings give you the chance to meet the Assembly's leaders in person. If you are interested in becoming involved but find you cannot attend a meeting, you can also contact Assembly leaders by email after the conference.



Get Involved in ATS Assemblies

Do you often wonder how the ATS and its Assemblies really work? Would you like to get more involved? This is your chance! You can now register here to become more involved in the ATS and its Assemblies. There are many ways to grow within ATS and the Assemblies are a great starting point. Complete the form to get started at: <http://www.thoracic.org/members/assemblies/get-involved-with-ats.php>

Sunday, May 17

Assembly Membership Meetings

6:30–8:30 p.m.

Location: Loews Philadelphia Hotel

Behavioral Science and Health Services Research (BSHSR)

Chair: J. Daryl Thornton, MD, MPH

Incoming Assembly Chair:

Susan Bartlett, MD

Website: thoracic.org/assemblies/bshsr/index.php

Pediatrics (PEDS)

5:30–7:30 p.m.

Chair: Paul E. Moore, MD

Website: thoracic.org/assemblies/peds/index.php

Thoracic Oncology (TO)

Chair: Lynn T. Tanoue, MD

Website: thoracic.org/members/assemblies/thoracic-oncology/

Website: thoracic.org/assemblies/peds/index.php

Monday, May 18

Assembly Membership Meetings

Time: 4:30–7:00 p.m.

Location: Loews Philadelphia Hotel

Allergy, Immunology & Inflammation (AII)

Chair: Jay K. Kolls, MD

Website: thoracic.org/assemblies/aai/index.php

Clinical Problems (CP)

Chair: MeiLan K. Han, MD, MS

Incoming Assembly Chair: Sonye K. Danoff, MD, PhD

Website: thoracic.org/assemblies/cp/index.php

Critical Care (CC)

Chair: Renee D. Stapleton, MD, PhD

Website: thoracic.org/assemblies/cc/index.php

Environmental, Occupational and Population Health (EOPH)

Chair: Stephanie London, MD, DrPH

Website: thoracic.org/assemblies/eoph/index.php

Pulmonary Infections & Tuberculosis (PI-TB)

Chair: Kristina A. Crothers, MD

Website: <https://www.thoracic.org/members/assemblies/assemblies/pitb/index.php>

Incoming Assembly Chair: Rachel Thomson MBBS, PhD

Nursing (NUR)

Chair: Linda Chlan, PhD, RN

Incoming Assembly Chair:

Wanda Gibson-Scipio, PhD, FNP-BC

Website: thoracic.org/assemblies/nur/index.php

Pulmonary Circulation (PC)

Chair: Anna Hemnes, MD

Location: Philadelphia Marriott Downtown

Website: thoracic.org/assemblies/pc/index.php

Pulmonary Rehabilitation (PR)

Chair: Anne Holland, PT, PhD

Website: thoracic.org/assemblies/pr/index.php

Respiratory Cell & Molecular Biology (RCMB)

Chair: Melanie Koenigshoff, MD, PhD

Incoming Assembly Chair: Patricia Sime, MD

Website: thoracic.org/assemblies/rcmb/index.php

Respiratory Structure & Function (RSF)

Chair: Gwen S. Skloot, MD

Incoming Assembly Chair: Connie Hsia, PhD

Website: thoracic.org/assemblies/rsf/index.php

Sleep & Respiratory Neurobiology (SRN)

Location: Philadelphia Marriott Downtown

Chair: Mihaela Teodorescu, MD, MS

Website: thoracic.org/assemblies/srn/index.php

ATS FACULTY DEVELOPMENT SEMINAR SERIES

A Practical Approach to Improving Wellness

During this series of three sessions, we will review modifiable factors contributing to wellness and burnout and provide practical approaches to address these factors.

Attendees will participate in collaborative discussions in small groups and develop personal action plans that they can implement after the conference. These discussions and action plans will address both institutional and personal risk factors for burnout.

Attendees will leave with practical strategies to improve wellness—both to address system issues contributing to burnout at their home institutions and to enhance their personal resilience.

Seminar 1: A Practical Approach to Improving Wellness: Addressing Institutional Factors that Contribute to Burnout

Date: Sunday, May 17, 2020

Panelists: Marc Moss, MD, ATSF; Nancy Stewart, DO

Moderator: Rosemary Adamson, MBBS

Seminar 2: A Practical Approach to Improving Wellness: A Unit-Based Approach to Addressing Burnout

Date: Monday, May 18, 2020

Panelists: Natalie McAndrew, PhD, RN, ACNS-BC, CCRN; Gretchen Winter, MD

Moderators: Rosemary Adamson, MBBS

Seminar 3: A Practical Approach to Improving Wellness: Improving Resiliency

Date: Tuesday, May 19, 2020

Panelists: Ni-Cheng Liang, MD; Desiree Wood, DNP, RN, CCRN

Moderators: Rosemary Adamson, MBBS

**Hosted by the Members
in Training & Transition
Committee (MITT)**

1:00–1:50p.m.

Location:
**CENTER FOR CAREER
DEVELOPMENT**
Pennsylvania
Convention Center

WHO WILL BENEFIT FROM THESE SESSIONS?

Clinical fellows

research fellows

post-doctoral fellows

residents

early career faculty

**starting a career in
academic pulmonary,
allergy, critical
care, and/or sleep
medicine**

**who are interested
in gaining practical
tools needed to
enhance academic
success.**

Attendance is on a first-come, first-serve basis.

CENTER FOR CAREER DEVELOPMENT (CCD) SCHEDULE OF EVENTS

Sunday, May 17–Tuesday, May 19, 2020
7 a.m.–5:00 p.m.

Pennsylvania Convention Center
Location: Grand Hall (200 Level)

Complimentary Breakfast Everyday 7 a.m.

Professional Networking from 4– 5:00 p.m.

The **Center for Career Development** is a professional networking and career development forum for early career professionals (medical students, residents, fellows, post docs, other allied healthcare and research professionals) in training or transitioning from training in Pulmonary, Critical Care or Sleep Medicine.

Each day, the CCD features **informal workshops** aimed at enhancing the professional development for all health care professionals. The sessions in the CCD are a unique and valuable opportunity for YOU to interact with experts in PCCM and have you questions answers about career development topics that are important to you!

Sunday, May 17, 2020	Monday, May 18, 2020	Tuesday, May 19, 2020
9:30–10:30 a.m. Student Presentations at ATS (SPATS)	9:30–10:30 a.m. Student Presentations at ATS (SPATS)	9–10:30 a.m. ATS Assemblies Tournament of Teachers: The Final Face-Off in Philly
11–11:50 a.m. How to Manage Your Student Loans	11 a.m.–1 p.m. AJRCCM, AJRCMB, AnnalsATS, ATS Scholar Combined Journal Session 	11– 11:50 a.m. The Importance of a Civil Workplace
12–12:50 p.m. Promotion Process in Academic Medicine		12– 12:50 p.m. Writing ATS Proposals that Get Programmed
1–1:50 p.m. Faculty Development Series: A Practical Approach to Improving Wellness: Addressing Institutional Factors that Contribute to Burnout	1–1:50 p.m. Faculty Development Series: A Practical Approach to Improving Wellness: A Unit-Based Approach to Addressing Burnout	1–1:50 p.m. Faculty Development Series: A Practical Approach to Improving Wellness: Improving Resiliency
2–2:50 p.m. I've Never Done this Before: Teaching Procedures to the Novice Learner	2–2:50 p.m. How to Choose What to Get Involved in and How to Say No (for mid-career)	2–2:50 p.m. Creating Digital Media to Teach and Disseminate Your Work: Infographics, Visual Abstracts, and Videos
3–3:50 p.m. Training is Ending: Now What? Approaching Your First Job Search (TIME)	3–3:50 p.m. Successful Partnering of MDs and PhDs: Furthering Research Endeavors	3–3:50 p.m. Pursuing an Academic Career as an International Medical Graduate (IMG)
4–5:00 p.m. TEACH/Clinician- Educator Networking Hour	4–5:00 p.m. MD/PhD Networking Hour	4–5:00 p.m. IMG Networking Hour

Professional Networking from 4–5:00 p.m.

Each afternoon, the CCD will host a Networking Hour, which will include FREE cocktails and appetizers. All medical students, residents, fellows, post docs, other allied healthcare and research professionals are welcome to stop in and network with peers.

DIVERSITY FORUM / WOMEN'S FORUM

Diversity Forum

Sunday, May 17, 2020

Time: 11:45 a.m.–1:15 p.m.

Loews Philadelphia Hotel,
Commonwealth Hall BCD (2nd Floor)

The annual ATS Diversity Forum focuses on diversity within the fields of pulmonary, critical care, and sleep medicine and research. All conference attendees, including past MTDS recipients, are invited to attend this luncheon which provides an opportunity for discussion, delicious food and networking. Attendees will find inspiration and valuable career insights.

Our speaker will be Horace M. Delisser, MD and the Associate Professor of Medicine at the Perelman School of Medicine–University of Pennsylvania, who will address career and diversity issues followed by a question and answer period.

The Minority Trainee Development Scholarships (MTDS), which recognize trainees who are members of underrepresented minority groups will also be presented at this forum. MTDS recipients are selected for the quality of the science in their submitted abstract, among other criteria. At this Forum we will also recognize the recipient of the 2020 ATS Fellowship in Health Equality. The Minority Trainee Development Scholarships are supported by the American Thoracic Society.

The cost for Diversity Forum lunch is \$20.00.



MTDS awardees are honored during the Diversity Forum at the ATS International Conference.



Women's Forum

Monday, May 18, 2020

Time: 11:45 a.m.–1:15 p.m.

Loews Philadelphia Hotel,
Commonwealth Hall BCD (2nd Floor)

The annual ATS Women's Forum recognizes the achievements and supports the advancement of women in pulmonary, critical care, and sleep medicine and research. The forum provides a valuable opportunity for women to meet new colleagues and ATS leaders. Men are also welcome to attend the forum.

Attendees will find value in the inspirational messages, a delicious lunch, career insights the speakers share as well as vibrant networking opportunities.

Heather Zar, MD, PhD, ATSF, Professor and chair of the Department of Pediatrics and Child Health at Red Cross Children's Hospital, at the University of Cape Town will discuss issues that are relevant to female medical professionals followed by a question and answer period.

We will also recognize and hear remarks from the 2020 recipient of the Elizabeth A. Rich, MD award presented to an outstanding woman in ATS who has made significant contributions in the fields of pulmonary, critical care and sleep medicine.

The cost for Women's Forum lunch is \$20.00.

Both forums are organized and presented by the ATS Membership Committee, and its chair Clement Ren, MD, MBA, ATSF.

BEAR CAGE

The American Thoracic Society is pleased to invite you to:

BEAR Cage (Building Education to Advance Research)

Monday, May 18, 2020 1–3 p.m.

Science & Innovation Center

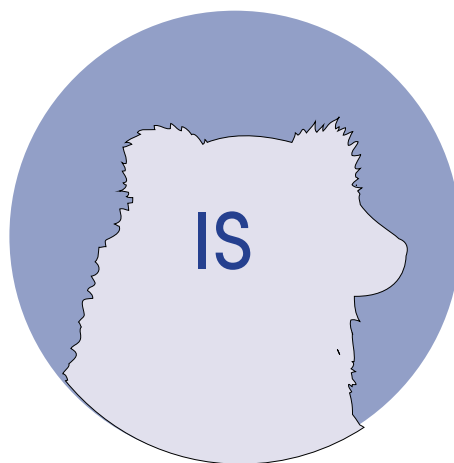


Hosted by the ATS Drug Device Discovery and Development (DDDD) Committee, the 6th Annual BEAR Cage (Building Education to Advance Research) competition features early career investigators who submitted an innovative clinical or translational research proposal for the opportunity to participate in the live event at ATS 2020.

Join us to see the top three finalists competitively pitch their proposals to a panel of translational science experts representing academia, industry, and governmental sectors.

Come support and cheer on the finalists as they compete for the \$10,000 grand prize!
All are encouraged and welcome to attend.

2020 BEAR Cage Finalists



The goal of this unique event is to promote productive discussion of these innovative research ideas in the setting of a fun, yet competitive, forum promoting opportunities for collaboration and mentorship.

For more information, please contact DDDD@thoracic.org

Philadelphia, PA
May 15 - May 20, 2020
conference.thoracic.org



ATS 2020
Where today's science meets tomorrow's care™

SCIENCE AND INNOVATION CENTER

The Science & Innovation Center, located in the Grand Hall (200 Level) is a forum for scientists and researchers to meet, network, learn and rest.

The Science & Innovation Center is organized by representatives of Assemblies on: Allergy, Immunology and Inflammation (All), Pulmonary Infections and Tuberculosis, (PI-TB), Respiratory Cell and Molecular Biology (RCMB), and Respiratory Structure and Function (RSF).

HOURS

Sunday May 17 to Tuesday May 19
7 a.m. to 5 p.m.

DAILY

Complimentary breakfast served at 7 a.m.
Light refreshments served throughout the day!
Informal networking and rest area all day!

Sunday, May 17	Monday, May 18	Tue May 19
7:30–8:15 a.m. Aging and Regeneration	7:30–8:15 a.m. Enhancing Your Academic Footprint via Social Media	7:30–8:15 a.m. Early Career Professionals Coffee Corner
8:15–9 a.m. Navigating ATS	8:15–9 a.m. Beyond Alum and Capsular Polysaccharides: Novel Vaccine Approaches for Pulmonary Infection	8:15–9 a.m. Mentorship Matters: How to Connect, Motivate and Achieve
9:15–10 a.m. PRDS Awards Ceremony	9:15–10 a.m. How to Study the Lung Microbiome	9:15–10 a.m. Non-invasive imaging in clinical research / Can we have better imaging modalities for quantifying changes in pulmonary structure & function?
10:15–11 a.m. Human Lung Cell Atlas for Study of Health, Disease and Aging	10:15–11 a.m. Get in the Game: Executive Coaching as a Tool for Leadership Development in Medicine and Research	10:15–11 a.m. The Use of Phenotypes/Endotypes in Study of Complex Diseases
11 a.m.– 12:30 p.m. Lunch and Learn: Improving the Quality and Reproducibility of Flow Cytometry in the Lung	11 a.m.– 12:30 p.m. Lunch and Learn: Translational Aspects of Clinical Trials / Working with Industry	11 a.m.– 12:30 p.m. Lunch and Learn: Use of Big Data in Translational Research, Couple With New Tech/Analyses - Cytek and Multidimensional Analyses Like tSNE/Spade
12:45–1:30 p.m. Benefits of Participating In ATS - A PhD Perspective	BEAR CAGE 1–3 p.m. 	1–1:45 p.m. Lung Organoids L Modeling Lung Development and Lung Diseases
1:30–3 p.m. Rising Star and SIC Abstract Awards		1:45–2:45 p.m. AI in Healthcare and Research
3–5 p.m. PhD and Basic Science Reception		2:45–3:30 p.m. Patient Advocacy in Lung Disease Crossover with ILD Science
	3:30–4:30 p.m. MTDS Reception	3:30–5 p.m. <i>Relax and unwind with us!</i>

SOCIAL MEDIA

Get Social!

The ATS and The Members in Transition and Training Committee (MITT) have created a social media platform specifically for early career professionals!



Our Twitter account will keep you updated on the latest news in medical education, career development, and ATS News relevant to early career professionals.

@atsearlycareer

HASHTAGS

#ATS2020

General 2020 International Conference

#ATSEarlyCareer

General Early Career Professionals