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Allergy, Immunology and Inflammation

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MESSAGE FROM THE ASSEMBLY CHAIR

Dear AII Assembly Colleagues,

It has been my sincere pleasure and privilege to serve as the Chair of the Allergy, Immunology and Inflammation (AII) Assembly of the American Thoracic Society (ATS) for the past year. First I want to thank our former chair, Dr. Mitch Olan for his capable leadership and excellent tutelage and patience during the transition! Second, I want to tell you what the AII assembly has meant to me personally and why it is such an honor to serve in the leadership of this organization.



Bethany Moore, PhD

As a PhD-trained molecular immunologist, it was daunting to embark on a career as a junior faculty member in a clinical department, especially when I had not previously worked in the field of lung biology. My Division Chief at the time, Dr. Galen Toews, encouraged me to attend and present at the ATS International Conference early in my research-track faculty career. Not only did he encourage me to attend, but he also invited me to the AII business meeting where he introduced me to a number of other researchers that were also interested in various aspects of lung immunology and lung remodeling. Next, he encouraged me to volunteer and get involved! I really had no idea at the time how important those connections would be in helping to advance my career and ultimately transition to the tenure track. I made contacts that would become valued collaborators and learned who I could turn to for various mutant mice or scientific protocols. I met role models who talked honestly about the challenges of balancing family and career. I also met generous scientists who were willing to give of their time and attention in discussing scientific ideas, offering advice on grant submissions, drafting workshop reports and writing letters of recommendation and evaluation for my promotions. I found mentors from outside my institution that could provide sage advice on career advancement and who offered me opportunities to be a visiting professor or to serve as a facilitator of a scientific session at the conference to enhance my reputation. All of these things helped me learn how to be a successful scientist and faculty member and I know that I would not be where I am today without the connections that I made through ATS and AII.

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MESSAGE FROM THE ASSEMBLY CHAIR (*Continued*)

Thus, I am eager to “pay it forward” and do my best to help this organization meet the various needs of its members.

What you may not know is that the AII assembly is the 3rd largest in ATS with 3188 primary and secondary members this year! The two largest assemblies are Clinical Problems and Critical Care. We are the largest assembly to have a focus on both translational and basic science research. We are also a geographically diverse assembly with 1431 international members. One of the things that I am most proud of for this year, is that we are the assembly that raised the most money for the ATS Foundation to support research grants! Our assembly raised an impressive \$96,351 with 8 first time donors and a total participation from just over 10% of our members. Given that the total ATS Assembly Challenge Campaign raised \$434,534, I am so pleased that our assembly contributed 22% of that total amount. I think this shows just how much our members value that ATS and the research opportunities it affords our members!

Perhaps one of the most visible signs of our research footprint within ATS is found in the number of abstracts that we program. Of the approximately 7176 abstracts submitted for presentation at the ATS International Conference, 642 of those were programmed by our assembly under the leadership of Andrew Fontenot, MD and Benjamin Medoff, MD and members of our Program Committee. See the session details later in the newsletter.

I am also indebted to the outstanding efforts of our other assembly committee members and leaders for their work to advance and advocate for the interests of our members. This newsletter contains updates from each of our standing committees and I hope you will read on to see what is new in each of them and how to get involved!

For those of you who are members of the Section on Genetics and Genomics, this will be an important year as your leadership is surveying the membership to determine whether there is interest in becoming a separate assembly. Please educate yourself about the pros and cons of this decision and provide your input! My final plug is for the AII assembly mentorship program. This is a terrific opportunity for junior professionals to be paired with a senior mentor to provide career guidance! Please consider signing up to be either a mentee or a mentor! It is a terrific way for junior members to get involved and for senior members to have a chance to give back to the organization. Please see information at <https://www.thoracic.org/members/assemblies/assemblies/aII/mentoring-program/>

Finally, please know that I am always eager to hear your ideas, suggestions and stories! Do not hesitate to contact me by email at Bmoore@umich.edu or by phone 734-647-8378 (Eastern Standard Time Zone).

PLANNING COMMITTEE REPORT

Gustavo Matute-Bello, MD, Chair

The Planning Committee is responsible for helping evaluate proposals from AII members for funding by the ATS. This year there were 4 proposals that were selected from AII primary and secondary members for support. We are excited that Dr. Rob Tighe’s proposal for a workshop report on flow cytometry methods for examining cells in the lung scored so favorably and was a primary submission from our assembly. Our group also evaluates nominations for AII assembly awards.

PROGRAM COMMITTEE REPORT

Andrew Fontenot, MD, Chair & Benjamin Medoff, MD, Chair-Elect

On behalf of the Program Committee, I am proud to report the completion of an outstanding program for the 2018 ATS International Conference in San Diego. The AII Program Committee is comprised of 38 AII members who have done an incredible job of reviewing abstracts submitted to the international conference and helping to identify themes for programming. We are also responsible for identifying chairs, co-chairs and facilitators for these sessions. In addition, the Program Committee is responsible for programming major symposia, sunrise seminars, meet-the-professor sessions, and post-graduate courses. This year, the Program Committee reviewed 593 abstracts. These abstracts were programmed into 5 mini-symposia, 6 poster discussion sessions, and 13 thematic poster sessions. The following is a list of the sessions AII has programmed for the upcoming 2018 conference.

Scientific Symposia:

- ATS/JRS/CTS/ERS Symposium on Severe Asthma; Rationalizing Targeted Therapeutics
- Immunometabolism: The Complex Interplay between Metabolic Reprogramming and Immunity
- Th17 Cells: Friend, Foe or Both in Chronic Lung Diseases
- Unraveling the Mysteries of the Mitochondria in Pulmonary Inflammation/Injury
- Translational Immunology and Lung Disease: Integrating Pathobiology to Therapy
- Leveraging Molecular Mechanisms of Granuloma Formation in Sarcoidosis to Improve Care

Mini-Symposia:

- Lung Immunology in Health and Disease
- Immune Pathways in Lung Injury and Repair
- Where There Is Smoke, There Is Lung Disease
- Immunotherapy in Lung Disease
- Genetics and Genomics of Obstructive Lung Disease

Poster Discussion Sessions:

- Clinical and Mechanistic Studies of Lung Fibrosis
- Mechanisms and Clinical Features of Severe Asthma
- Alveolar Macrophage Diversity in Lung Injury and Repair
- Asthma Clinical and Mechanistic Studies
- Infections and Immunity
- Mechanistic and Translational Studies In COPD

EARLY CAREER PROFESSIONALS WORKING GROUP REPORT

Rachel Scheraga, MD, Chair

The Early Career Group is hard at work trying to figure out how to help junior professionals get the most out of ATS to enhance their learning and their career. Our assembly has important activities that are just for AII members, but we also partner with other assemblies for some projects. Here are just a few of the things that our committee is doing. If you want to get involved in any of the following types of activities...just let me or Dr. Moore know! Our Early Career group successfully moderated 5 journal clubs on topics related to our assembly this year and these (and past journal clubs) can be found on line at the following URL: <https://www.thoracic.org/members/assemblies/assemblies/aai/journal-club/>

These journal club forums are an excellent way to hear about the latest literature and to get a chance to ask questions of the lead authors and get additional insight from the authors of the work through an interactive forum. Have a great idea for a paper you want to see us discuss...let us know!

Our group is also developing a number of podcasts about research and clinical topics as well as career development. Watch this site: <https://www.thoracic.org/members/assemblies/assemblies/aai/podcasts.php>
Our most recent podcast was a primer on tips and tricks to grant writing.

Another major initiative for our group is to work on ways to improve the mentor-mentee program to help everyone get the most out of this amazing opportunity. Mentees and mentors can sign up for the program at: <https://www.thoracic.org/members/assemblies/assemblies/aai/mentoring-program/>

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ECP WORKING GROUP REPORT (*Continued*)

We are always eager to hear feedback about what worked well and not so well in setting up the interactions and what kinds of information mentees want from the mentors they are assigned. This is a fabulous opportunity for a junior professional to have a one on one opportunity to meet with senior members of our assembly to provide scientific and/or career advice. What a great way to get a start on those letters you will someday need for promotion! We are so appreciative of the senior members who give of their time. The feedback from the mentees is overwhelmingly positive!

Our group helps to plan the joint AII-RCMB reception each year at ATS. This is an opportunity for our two assemblies, which have significant overlap in scientific interests and secondary memberships to mix and mingle. We hope you will join us this year, and if you are a PI, please consider sponsoring your fellow or student to attend! Sign up on the registration page for the conference.

Currently, we are working on a new program to allow for “AII apprenticeships” on the Program or Planning Committees. These would be opportunities for junior professionals to volunteer on one of these committees and see how the process works from the inside! Watch your email for an announcement on how to apply.

MEMBERS IN TRANSITION AND TRAINING (MITT) COMMITTEE

AII Liaison, Megan Ballinger, PhD

The MITT committee is in charge of developing the early career roadmap that is distributed before the conference to all early career working groups as well as T32 and fellowship directors. In addition, it will be included on the ATS app and limited paper copies will be available at registration. This is a great resource for people attending the conference for the first time that are overwhelmed by the size of the conference.

Centers at ATS 2018:

This year, there will be two centers that will be located at the ATS conference. These centers will be a great place for networking and will have complementary breakfasts and light refreshment available.

Center for Career Development (CCD):

The CCD will offer programming targeted for early career professional throughout the ATS. It will host programmed sessions about ATS 101, getting involved in medical education, marketing yourself, leadership in medicine, giving feedback, and mentorship. In addition, MITT will be hosting forums for each of the different ATS journals (Blue, Red and White) where the editors will be present to address questions. The CCD will also be hosting the BEAR cage session, which is a Ted style talk in which pre-selected individuals pitch their novel translational research ideas in a fun, yet competitive forum.

Science and Innovation Center (SIC):

The SIC is designated to be the center for basic science research within the ATS. We have programmed sessions to learn about new technologies, such as iPSC and CyTOF, and updates on hot new research topics, such as pathogenesis of pneumonia and mitochondrial biology. In addition, there will be early career networking sessions and a special meet and greet with NIH officials. The SIC will also host the AII rising star award and the AII basic science abstract award. Finally, there will be a reception for PhDs and other basic science researchers to gather. Please see the SIC schedule later in the newsletter for information about the timing of these events.

ATS 2018 - SAN DIEGO, CA
SESSIONS SPONSORED BY THE ASSEMBLY ON ALLERGY, IMMUNOLOGY AND INFLAMMATION

Session Code	Session Title	Session Time	
Postgraduate Courses			
Friday, May 18, 2018			
PG4	ASTHMA STATE OF THE ART 2018	8:00 AM	4:00 PM
Saturday, May 19, 2018			
PG17	STUDYING PHARMACOGENOMICS IN LUNG DISEASE AND CRITICAL ILLNESS	8:00 AM	4:00 PM
Scientific Symposium			
Sunday, May 20, 2018			
A5	SETTING THE STAGE: MITOCHONDRIAL DYSFUNCTION AS A DRIVER OF CHRONIC DISEASE	9:15 AM	11:15 AM
A7	LEVERAGING MOLECULAR MECHANISMS OF GRANULOMA FORMATION IN SARCOIDOSIS TO IMPROVE CARE	9:15 AM	11:15 AM
A11	ATS/JRS/CTS/ERS SYMPOSIUM ON SEVERE ASTHMA: RATIONALIZING TARGETED THERAPEUTICS	9:15 AM	11:15 AM
A85	MITOCHONDRIAL DYSFUNCTION AND REPROGRAMMING IN LUNG AGING AND DISEASE	2:15 PM	4:15 PM
Monday, May 21, 2018			
B9	TH17 CELLS: FRIEND, FOE OR BOTH IN CHRONIC LUNG DISEASES	9:15 AM	11:15 AM
B85	IMMUNOMETABOLISM: THE COMPLEX INTERPLAY BETWEEN METABOLIC REPROGRAMMING AND IMMUNITY	2:15 PM	4:15 PM
Tuesday, May 22, 2018			
C8	TRANSLATIONAL IMMUNOLOGY AND LUNG DISEASE: INTEGRATING PATHOBIOLOGY TO THERAPY	9:15 AM	11:15 AM
Wednesday, May 23, 2018			
D8	UNRAVELING THE MYSTERIES OF THE MITOCHONDRIA IN PULMONARY INFLAMMATION/INJURY	9:15 AM	11:15 AM
Jointly-Developed Symposium			
Sunday, May 20, 2018			
A86	ATS MYTHBUSTERS: BIOENGINEERING APPROACHES WILL REVOLUTIONIZE RESPIRATORY MEDICINE IN THE NEXT TEN YEARS	2:15 PM	4:15 PM
A90	CRACKING THE VACCINE CODE IN TB: INNATE IMMUNITY	2:15 PM	4:15 PM
Tuesday, May 22, 2018			
C85	SCIENTIFIC BREAKTHROUGHS: CELL FUNCTION, FATE AND FITNESS: ROLE OF MITOCHONDRIA	2:15 PM	4:15 PM
Sunrise Seminars			
Monday, May 21, 2018			
SS101	SEVERE ASTHMA FOR THE CLINICIAN	7:00 AM	8:00 AM

Sunrise Seminars			
Tuesday, May 22, 2018			
SS201	UNIFYING DIAGNOSIS: IMPLEMENTATION AND UTILITY OF A MULTIDISCIPLINARY APPROACH TO CTD-ILD	7:00 AM	8:00 AM
SS202	THE IMMUNOLOGY OF SEPSIS FROM AN INTENSIVIST'S PERSPECTIVE	7:00 AM	8:00 AM
Wednesday, May 23, 2018			
SS301	LOOKING FOR PATTERNS AND BEYOND IN RESPIRATORY DISEASES	7:00 AM	8:00 AM
Meet The Professor Seminars			
Sunday, May 20, 2018			
MP401	UPDATE IN ASTHMA: FROM GUIDELINES TO IMPLEMENTATION	12:15 PM	1:15 PM
Monday, May 21, 2018			
MP501	REFRACTORY ASTHMA: A MULTIDISCIPLINARY APPROACH	12:15 PM	1:15 PM
Tuesday, May 22, 2018			
MP601	PRIMARY IMMUNODEFICIENCY AND PULMONARY DISEASE	12:15 PM	1:15 PM
Mini-Symposium			
Sunday, May 20, 2018			
A14	LUNG IMMUNOLOGY IN HEALTH AND DISEASE	9:15 AM	11:15 AM
Monday, May 21, 2018			
B15	IMMUNE PATHWAYS IN LUNG INJURY AND REPAIR	9:15 AM	11:15 AM
B93	WHERE THERE IS SMOKE, THERE IS LUNG DISEASE	2:15PM	4:15 PM
Wednesday, May 23, 2018			
D12	IMMUNOTHERAPY IN LUNG DISEASE	9:15 AM	11:15 AM
D92	GENETICS AND GENOMICS OF OBSTRUCTIVE LUNG DISEASE	1:30 PM	3:30PM
RAPiD: Rapid Abstract Poster Discussion Sessions			
Sunday, May 20, 2018			
A21	CLINICAL AND MECHANISTIC STUDIES OF LUNG FIBROSIS	9:15 AM	11:15 AM
A101	MECHANISMS AND CLINICAL FEATURES OF SEVERE ASTHMA	2:15 PM	4:15 PM
Tuesday, May 22, 2018			
C21	ALVEOLAR MACROPHAGE DIVERSITY IN LUNG INJURY AND REPAIR	9:15 AM	11:15 AM
C101	ASTHMA CLINICAL AND MECHANISTIC STUDIES	2:15 PM	4:15 PM
Wednesday, May 23, 2018			
D21	INFECTIONS AND IMMUNITY	9:15 AM	11:15 AM
D101	MECHANISTIC AND TRANSLATIONAL STUDIES IN COPD	1:30 PM	3:30PM
Thematic Poster Sessions			
Sunday, May 20, 2018			
A31	ALLERGY AND ASTHMA CASE REPORTS	9:15 AM	4:15 PM
A32	UPDATES IN ALLERGIC DISEASE	9:15 AM	4:15 PM
A33	ASTHMA MECHANISMS	9:15 AM	4:15 PM
A34	ASTHMA CLINICAL STUDIES I	9:15 AM	4:15 PM
A35	ASTHMA CLINICAL STUDIES II	9:15 AM	4:15 PM

ATS 2018 - SAN DIEGO, CA
SESSIONS SPONSORED BY THE ASSEMBLY ON ALLERGY, IMMUNOLOGY AND INFLAMMATION

Thematic Poster Sessions

Monday, May 21, 2018

B31	ACUTE LUNG INJURY AND ARDS: TRANSLATIONAL AND MECHANISTIC STUDIES	9:15 AM	4:15 PM
B32	CLINICAL STUDIES IN AUTOIMMUNE LUNG DISEASE	9:15 AM	4:15 PM

Tuesday, May 22, 2018

C31	MECHANISTIC INSIGHTS INTO LUNG INFECTION	9:15 AM	4:15 PM
C32	LUNG TRANSPLANTATION: CLINICAL STUDIES	9:15 AM	4:15 PM
C33	SEPSIS: CELLULAR STUDIES	9:15 AM	4:15 PM
C34	COPD POTPOURRI	9:15 AM	4:15 PM
C35	CLINICAL STUDIES IN IMMUNODEFICIENCY	9:15 AM	4:15 PM
C36	CLINICAL STUDIES IN SARCOIDOSIS	9:15 AM	4:15 PM

**ATS 2018 INTERNATIONAL CONFERENCE
 ADDITIONAL SESSIONS OF INTEREST TO ALL ASSEMBLY**

Session Code	Session Title	Session Time	
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Postgraduate Courses

Friday, May 18, 2018

PG6	SARCOIDOSIS UPDATE	8:00 AM	4:00 PM
PG11	GENETIC PULMONARY MEDICINE	8:00 AM	4:00 PM
PG14	ARE YOUR MITOCHONDRIA HAPPY? A BEGINNERS GUIDE TO ASSESSING MITOCHONDRIAL FUNCTION AT THE BENCH	8:00 AM	4:00 PM

Saturday, May 19, 2018

PG19	INTERSTITIAL LUNG DISEASE: UPDATE AND EVOLVING TRENDS IN DIAGNOSIS AND MANAGEMENT	8:00 AM	4:00 PM
PG21	A HANDS-ON INTRODUCTION TO STUDYING THE LUNG MICROBIOME	8:00 AM	4:00 PM

Scientific Symposium

Sunday, May 20, 2018

A3	FELLOWS CASE CONFERENCE	9:15AM	11:15 AM
A6	GLYCOBIOLOGY AND GLYCOMICS OF LUNG DISEASES	9:15AM	11:15 AM
A10	PATHOBIOLOGY OF AGE-RELATED LUNG DISEASE: FROM BENCH TO BEDSIDE	9:15AM	11:15 AM
A87	MECHANISMS OF PERSISTENT ORGAN DYSFUNCTION AFTER CRITICAL ILLNESS	2:15 PM	4:15 PM

Monday, May 21, 2018

B2	INTERSTITIAL LUNG DISEASE (ILD), IDIOPATHIC INTERSTITIAL PNEUMONIA (IIP) AND HYPERSENSITIVITY PNEUMONITIS (HP): CONTROVERSIES IN MANAGEMENT. A PRO/CON DEBATE	9:15AM	11:15 AM
B5	MITOCHONDRIA AND NUCLEAR-DERIVED DANGER-ASSOCIATED MOLECULAR PATTERNS (DAMPS) IN PULMONARY DISEASES	9:15AM	11:15 AM

**ATS 2018 INTERNATIONAL CONFERENCE
ADDITIONAL SESSIONS OF INTEREST TO AII ASSEMBLY**

Session Code	Session Title	Session Time	
Scientific Symposium			
Monday, May 21, 2018			
B7	GENETICS, EPIGENETICS, AND GENOMICS OF CHILDHOOD LUNG DISEASES	9:15AM	11:15 AM
B9	TH17 CELLS: FRIEND, FOE OR BOTH IN CHRONIC LUNG DISEASES	9:15AM	11:15 AM
B82	CONTROVERSIES IN THE DIAGNOSIS AND TREATMENT OF COPD	2:15 PM	4:15 PM
Tuesday, May 22, 2018			
C5	MITOCHONDRIA-TARGETED THERAPEUTICS FOR PREVENTING OR TREATING LUNG DISEASES	9:15AM	11:15 AM
C6	COPD PROGRESSION: CULPRITS AND MODIFIERS	9:15AM	11:15 AM
C82	SHIFTING FOCUS: HOW TO STUDY LUNG HEALTH INSTEAD OF DISEASE	2:15 PM	4:15 PM
Wednesday, May 23, 2018			
D9	CONTROVERSIES IN CLINICAL PEDIATRIC PULMONOLOGY	9:15AM	11:15 AM
Workshop Sessions			
Sunday, May 20, 2018			
WS2	BRONCHOSCOPIC CRYOBIOPSY IN INTERSTITIAL LUNG DISEASE: EVIDENCE AND TECHNIQUE	11:45 AM	1:15 PM
Tuesday, May 22, 2018			
WS5	CAREER DEVELOPMENT WORKSHOP: SWIMMING IN THE SEA OF BIG DATA FOR PULMONARY RESEARCH	11:45 AM	1:15 PM

WEB COMMITTEE REPORT

Matthew C. Exline MPH, MD, Chair and Praveen Akuthota, MD Co-Chair

Our committee is responsible for editing and building content for the AII website including podcasts, journal clubs and other educational materials. A major focus for our group is to keep the information in the Asthma Center up to date with the help of Dr. Mark Aronica. I am pleased to announce that Dr. Jose Gomez Villalobos from Yale will serve as the co-chair for this committee in 2018. We welcome your ideas for content and your participation!

AII INTERNATIONAL RELATIONS ADVISORY COMMITTEE

Ross Vlahos, PhD Chair and Njira Lugogo, MD, Co-Chair

The AII International Relations Working Group was actually created in the year 1999 as a home for the assembly's international members and those interested in international issues. While the group started as a Working Group, it has become clear that the work of this committee is long-term and important for advising the executive council. Therefore, this year, the AII International Relations group formally become an advisory committee rather than a working group. The goal of this group is to help identify international members to participate in AII programming events and to help identify and address the needs of members from outside the United States. Our assembly has a very large international membership and we welcome input from anyone. We are especially eager to help identify programmatic needs that could be facilitated through the Planning or Program Committees as well.

Assembly on Allergy, Immunology and Inflammation Membership Meeting

Monday, May 21st

4:30pm-7:00pm

Manchester Grand Hyatt, San Diego

Harbor Ballroom G-I

Second Level, Harbor Tower

Allergy, Immunology and Inflammation & Respiratory Cell and Molecular Biology

Joint Reception

Monday, May 21st

7:00pm-10:00pm

Manchester Grand Hyatt, San Diego

Harbor Ballroom D-F

Second Level, Harbor Tower

SECTION ON GENETICS AND GENOMICS REPORT

Blanca E Himes, PhD, Chair and Michael Cho, MPH, MD, Co-Chair

The SGG includes members from several ATS assemblies who use various omics approaches (e.g., genomics, transcriptomics, epigenomics, metabolomics, proteomics) to better understand and improve diagnosis, prognosis, and treatment of pulmonary, critical care, and sleep disease processes, and achieve the goals of precision medicine. This year, we led two workshops, presented podcasts and journal clubs, and had an active presence on social media. We continued discussions about the benefits and downsides of forming an assembly separate from AII, and welcomed members of the former ATS metabolomics and proteomics working group. Please be sure to complete the email survey sent out to gather more input.

During the ATS 2017 meeting, Craig Hersh and Gerard Koppelman led an ATS workshop entitled “High Throughput Sequencing in Respiratory, Critical Care, and Sleep Medicine Research,” and Ann Wu and Blanca Himes led a workshop entitled “An Official Research Statement of the ATS and NHLBI: Current Status and Future Directions in Lung Precision Medicine Research” in which various SGG members participated. Documents related to these workshops will be completed in 2018.

Our social media and web presence continued to increase thanks largely to efforts by Kaity Allen, Brian Cade, Rachel Kelly, and Chris Rider. You can follow us on Facebook <https://www.facebook.com/ATSSGandG> and Twitter https://twitter.com/ATS_GG.

To learn more about some of our members, visit our Featured Researchers page: <https://www.thoracic.org/members/assemblies/sections/gg/featured-researchers>.

Jose Gomez and Katie Steiling led two journal clubs that are available online <https://www.thoracic.org/members/assemblies/sections/gg/journal-club>. We welcome suggestions for papers or podcast topics that are of interest to you. Please contact us via email or find us at ATS.

Please join us for the **Section on Genetics & Genomics (SGG) Membership Meeting** at the ATS International Conference in San Diego, CA.

SGG Chair: Blanca E. Himes, PhD & Co-Chair: Michael H. Cho, MPH, MD



FEATURING A SPECIAL PRESENTATION BY

Rob Knight

Director, Center for Microbiome Innovation
University of California, San Diego

The Knight lab has produced software tools and laboratory techniques that enabled high-throughput microbiome science, including the QIIME pipeline and UniFrac. He is co-founder of the Earth Microbiome Project, the American Gut Project, and Biota, Inc.. His work has linked microbes to a range of health conditions and enhanced our understanding of microbes in environments ranging from the oceans to the tundra.

Time: Sunday, May 20th 6:00-8:00 pm
Location : Manchester Grand Hyatt
Hotel, Seaport Ballroom C
(Second Level Seaport Tower)



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Be sure to follow us at [@ATS_Assemblies](https://twitter.com/ATS_Assemblies) for news on webinars, deadlines, and other things you might have missed in your inbox!



Assembly Mentoring Programs' Meeting Spot

Struggling to find a quiet location to meet with your mentor? Look no further! This year at the 2018 ATS International Conference in San Diego, CA, the Assembly Mentoring Programs is offering a meeting spot exclusively for mentors and mentee to meet.

The Assembly Mentoring Programs' Meeting Spot will be located at the Manchester Grand Hyatt in the Balboa A room on the Second Level in the Seaport Tower. The room will be available:
Sunday May 20th – Tuesday May 22nd, 2018 from 7 a.m. to 7 p.m.

Light snacks and beverages will be offered throughout the day. Laptops and printers will be made available for use and don't forget to pick up your Assembly Mentoring Program Ribbon and Pin!

We hope you can join us at the Assembly Mentoring Program's Meeting spot!

Interested in joining a mentoring program? Visit our Assemblies homepage and click on ATS Mentoring Program to learn more or contact Melinda Garcia at mgarcia@thoracic.org

Submit an Assembly/Committee Project Application for funding in FY2019!

We are happy to announce that ATS will once again accept NEW Assembly/Committee Projects for FY2019. All interested applicants should begin developing their ideas for Assembly/Committee Project Applications. Applications will be available on the ATS website at www.thoracic.org.

Please consider submitting an application for an Assembly/Committee project. If you have a suggestion for a project application and you need assistance, please contact your Assembly Planning Committee Chair Gustavo Matute-Bello, MD at matuteb@u.washington.edu.

For questions regarding submissions please contact Miriam Rodriguez at
tel: (212) 315-8639 or email: mrodriguez@thoracic.org.

Best of ATS Video Lecture Series (BAVLS)

Do you have an amazing teaching video that you want to share with the world? Then consider submitting to the Best of ATS Video Lecture Series (BAVLS). For more information, please visit: <https://www.thoracic.org/professionals/clinical-resources/video-lecture-series/index.php>

2nd Annual ATS Walking Challenge

Walk for a good cause! Track steps and stay active with the Second Annual ATS Walking Challenge. For every participant who walks 30,000 steps TEVA Respiratory will make a donation of \$100 to the ATS Foundation, for a total maximum donation of \$50,000. Remember – 100% of all donations to the ATS Foundation fund new research awards. [Click here](#) for more details.

Invitation to Join ATS Signature Global Health Program: Methods in Epidemiologic, Clinical and Operations Research (MECOR)

Loyal to its tagline, the American Thoracic Society helps the world breathe; the ATS has been working to build research capacity in low- and middle-income countries through its Methods in Epidemiologic, Clinical, and Operations Research (MECOR) program for 25 years. This intensive course for physicians and related health care professionals increases capacity and leadership in pulmonary, critical care, and sleep medicine research beyond its US borders and US membership.

This spring, the ATS launched MECOR 2.0, which includes a ground-up redesign of the curriculum, course organization, and faculty/mentorship offerings. The updated program capitalizes and builds upon the program's extensive experience and expertise. The curriculum utilizes a "flipped classroom" teaching model with seminar style classroom sessions and a focus on one to one instruction with a learning management system for students, faculty, and alumni (CANVAS).

Since its initiation in 1994, the scope of the ATS MECOR program has grown tremendously. Today, its footprint is truly global with more than 1800 graduates from its global network of courses. Courses and partners include in **Africa**, the Pan African Thoracic, in **China**, the Chinese Thoracic Society, in **India**, the US Centers for Disease Control and the Indian Council for Medical Research, in **Indonesia**, the Indonesian Society for Respiriology, in the **Mediterranean**, the Turkish Thoracic Society, in **Latin American** the Latin American Thoracic Society, and in **Southeast Asia**, the Vietnamese National TB Program and the University of Sydney.

To join the ATS MECOR program as a faculty member or mentor, please use the link below to complete an application. For more information on the ATS MECOR Program, please go to the ATS website at:

[ATS MECOR Program](#)

[ATS MECOR Faculty Application](#)

Official ATS Documents: Informational Opportunities at the 2018 ATS International Conference in San Diego

If you're developing or interested in developing an Official ATS Document (Clinical Practice Guidelines, Policy Statements, Research Statements, Workshop Reports, or Technical Statements), please consider attending one or more of these opportunities while you are in San Diego at the ATS International Conference:

- **Documents Development & Implementation Committee (DDIC) Workshop/Meeting:** Friday, May 18th from 6-9 PM, Manchester Grand Hyatt, Golden Hill AB (Seaport Tower, 3rd Level). This session is required for all Guideline Panel Chairs and Chairs of new non-guideline projects. It is also recommended for Chairs of ongoing non-guideline projects. Anyone who is interested in Official ATS Documents is welcome to attend. Please RSVP to John Harmon at jharmon@thoracic.org if you have not already done so. A light dinner will be served.
 - ⇒ 6-7 PM – Presentations by DDIC members about the Official Document types, methodological requirements for each, and other practical issues (e.g., conflict of interest management, review, and approval)
 - ⇒ 7-9 PM – Current Guideline Chairs (or their designees) will give progress reports and then troubleshoot informally with DDIC members and ATS staff. New Guideline Chairs will have the opportunity to listen to these reports and learn about the "trials and tribulations" of guideline development from experienced peers.
- **Ad Hoc meetings:** Whether you are developing or want to develop an official ATS document, you can schedule an appointment to discuss your idea with Dr. Kevin Wilson (ATS Documents Editor) or Dr. Jan Brozek (ATS Methodologist). To schedule a meeting, email Kevin Wilson at kwilson@thoracic.org or Jan Brozek at brozekj@mcmaster.ca.
- **Documents Meeting Space:** Meeting space will be available to document developers from Sunday-Wednesday. Contact Kimberly Lawrence at klawrence@thoracic.org for additional details.
- **Guideline Methodology Training Program Information Session:** Monday, May 21st from 7-8:30 PM, Manchester Grand Hyatt, Hillcrest AB (Seaport Tower, 3rd Level). The guideline methodology training program provides mentored training in the skills necessary to serve as a lead methodologist for a clinical practice guideline project. Anyone who is interested in learning more about the training program is welcome to attend. A brief description of the program will be provided, followed by time for questions and answers. A light dinner will be served. RSVP to kwilson@thoracic.org is required. Space is limited.
- **Meet the Professors:** A Meet the Professors Session entitled "Official ATS Documents: How to Get Involved" is being hosted by Dr. Raed Dweik (Chair of the Documents Development and Implementation Committee) and Dr. Kevin Wilson (ATS Documents Editor) on Tuesday, May 22nd from 12:15-1:15pm. Registration is available through the Conference Registration Website.

ATS Assembly Members Give Generously to the ATS Foundation

Thank you for participating in the [2017 ATS Assembly Challenge!](#)

The annual challenge taps into the grassroots community — and competitive spirit — of the ATS assemblies in support of the ATS Foundation.



Bethany B. Moore, PhD, chair for the Assembly on Allergy Immunology & Inflammation, receives All's Assembly Challenge award from Nicholas S. Hill, MD, ATS Foundation Secretary-Treasurer

The results are: the Assembly on **Allergy Immunology & Inflammation** raised the most dollars with \$96,351; **Nursing** had the highest member participation with 18.64 percent; **Critical Care** had the highest number of first-time givers in December with 13 new donors.

Many members made gifts supporting the [Research Program](#) and other core programs in the final days of 2017. There was tremendous energy around the Challenge this year, with assembly chairs crafting special messages to their members. Most chairs sent two or more personal emails to their members during the Challenge.

Congratulations to the Allergy Immunology & Inflammation, Nursing, and Critical Care assemblies! They will receive special recognition in ATS communications, at ATS 2018, and within their own assemblies.

The ATS Foundation would like to thank all ATS assemblies for their outreach and generosity during the Challenge. You provided a big boost to Foundation year-end giving campaigns—and a boost to our upcoming grant-making capacity for talented investigators. Thank you for your enthusiastic support!

Truly, your energy, creativity, and participation were outstanding. Thank you for everything you do for the ATS, the Foundation, young investigators, patients, and respiratory health worldwide.

To learn more about the ATS Foundation or to make a gift, visit foundation.thoracic.org



Eileen G. Collins, PhD, chair for the Assembly on Nursing, receives Nursing's Assembly Challenge award from Nicholas S. Hill, MD, ATS Foundation Secretary-Treasurer



John P. Kress, MD, chair for the Assembly on Critical Care, receives CC's Assembly Challenge award from Nicholas S. Hill, MD, ATS Foundation Secretary-Treasurer

ATS 2018 SCIENCE & INNOVATION CENTER

San Diego Convention Center | Sails Pavilion (Upper Level)

The Science & Innovation Center is a forum for scientists and researchers to meet, network, learn, and rest. The Science & Innovation Center is organized by representatives of the Assembly on Allergy, Immunology and Inflammation (All), Pulmonary Infections and Tuberculosis (PI-TB), Respiratory Cell and Molecular Biology (RCMB), and Respiratory Structure and Function (RSF).

DAILY:

- + Complimentary breakfast served at 7 a.m.
- + Light refreshments served at noon
- + Informal networking & rest area all day

Sunday, May 20, 2018	Monday, May 21, 2018	Tuesday, May 22, 2018
<p>ATS 101 Series 7:15 - 8 a.m.</p> <p>Topic: iPSC: Innovation and Promise for Lung Disease</p> <p>Speaker: Amy Firth, PhD, University of South California</p>	<p>ATS 101 Series 7:15 - 8 a.m.</p> <p>Topic: Mass Cytometry (CyTOF) for Translational Lung Research</p> <p>Speaker: Jeffrey Atkinson, MD, Washington University in St. Louis</p>	<p>Early Career Professionals Coffee Corner 7:15 - 8 a.m.</p> <p>Meet representatives from Early Career Working groups from All, RCMB, RSF and PI-TB</p>
<p>ATS 101 Series 11:15 a.m. - 12 p.m.</p> <p>Topic: Pathogenesis of Pneumonia</p> <p>Speaker: Joseph P. Mizgerd, Sc.D., Boston University</p>	<p>ATS 101 Series 11:15 a.m. - 12 p.m.</p> <p>Topic: Mitochondria Biology</p> <p>Speaker: Navdeep Chandel, PhD, Northwestern University</p>	<p>Special Meet and Greet Session with NIH Officials 11:15 a.m. - 12 p.m.</p> <p>Topic: Meet and Greet with NHLBI Program Officers</p> <p>Speaker: Matt Craig, PhD Neil Aggarwal, MD, National Institutes of Health</p>
<p>Rising Stars 1:15 - 3 p.m.</p> <p>All Rising Stars: 1:15 - 2</p> <p>RCMB Rising Stars: 2 - 2:45</p>	<p>Rising Stars 1:15 - 3 p.m.</p> <p>PI-TB Rising Stars: 1:15 - 2</p> <p>RSF Rising Stars: 2 - 2:45</p>	<p>SIC Abstract Awards 1:15 - 3 p.m.</p> <p>All Abstract winner: 1:20 RCMB Abstract winner: 1:45 PI-TB Abstract winner: 2:10 RSF Abstract winner: 2:35</p>

Reception for PhDs & Other Basic Science Researchers
Sunday, May 20, 2018
3:30 - 5 p.m.



ATS 2018
Where today's science meets tomorrow's care™

San Diego, CA
May 18 - May 23, 2018
conference.thoracic.org

Physicians planning to take the ABIM critical care MOC assessment have a new resource to prepare for the exam: the ATS Review for the Critical Care Boards

The ATS Review for the Critical Care Boards and Questions Book provide an in-depth review of critical care topics that will be on the American Board of Internal Medicine Critical Care Medicine Certification examination. Chapters include:

- Renal, Endocrine and Metabolic Disorders
- Infectious Diseases
- Pharmacology and Toxicology
- Pulmonary Diseases
- Gastrointestinal Disorders
- Surgery, Trauma, and Transplantation
- Cardiovascular Disorders
- Neurologic Disorders
- Hematologic and Oncologic Disorders
- Ethics, Research and Administration

Learn more, order, and begin studying by [visiting](#) the ATS Store

Education Committee to offer Educational Consulting Office Hours during the 2018 International Conference

- Are you planning to submit a proposal for programming at the 2019 International Conference, but don't know where to start?
- Do you want to maximize your chances of having your Postgraduate Course Proposal programmed in 2019?
- Would you like to review feedback you received on a 2018 proposal that wasn't programmed?
- Would you like feedback on a presentation you're giving at this year's International Conference?

If you answered 'yes' to any of the above, stop by the Science and Innovation Center, where members of the Education Committee will be available to answer questions, no appointment necessary. Consulting will be offered on a first-come, first-served basis on:

Monday 5/21 from 10-11AM, 12-1 PM, and 3-4 PM

Tuesday 5/22 from 10-11AM, 12-1PM, and 3-4PM

Wednesday 5/23 from 10-11AM, and 12-1PM

Restoring Joy in Health Care Booth

What does burnout look like and how can we change things personally and professionally for the better?

Explore the **Restoring Joy in Health Care booth (#904)** to crowd source ways to improve the professional environment, get a chair massage or visit with a therapy dog to bring you back to center. Therapy dogs are in the booth from 11 a.m. to 2 p.m. each day.

Interactive booth in the Exhibit Hall (with puppies)

San Diego Convention Center

Hall C (Ground Level), Booth 904

Assembly Members: Help Us to Help You!

Have you:

- ◇ Moved?
- ◇ Changed your title?
- ◇ Added a new specialty, credential or other information?
- ◇ Or perhaps we just do not have a complete profile for you!

Please take a minute to update your contact information, assembly affiliations, and demographic profile today. And now you can also upload your PHOTO to your member profile!

Log in: <https://www.thoracic.org/login/ats-member-login.php>

By keeping your profile current, you help us provide programs and services that are most targeted to you.

Help Available for Assembly Members on Clinical and Research Ethics and Conflict Management

The ATS Ethics and Conflict of Interest Committee is a society-wide committee appointed by the ATS President to be a resource and contribute to ATS education on biomedical and organizational ethics. Its seventeen members are from many ATS assemblies and sections, and many have leadership roles in their institution's ethics committees, advanced degrees in medical or nursing ethics, and have published on related issues.

Assembly members are encouraged to use the committee for advice and help in developing programs, statements, and conference sessions relevant to clinical or research ethics or managing conflicts of interest (COI), as well as in dealing with the ethical issues you face in the workplace. In recent years, the committee developed ATS statements on Managing Conscientious Objections and Responding to Requests for Potentially Inappropriate Therapies, and produced podcasts on other topics that are available within the ATS Breathe Easy podcasts on the ATS website. It also oversees ATS management of COI. The Committee is chaired by David Chooljian, MD, JD. Questions and requests for help can go through the committee's staff member, Shane McDermott, at smcdermott@thoracic.org or 212-315-8650.

American Thoracic Society

ASSEMBLIES



Want to know how the ATS Assemblies and Committees 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 Assemblies, ATS Committees or both. There are many ways to grow within ATS and the Assemblies and Committees are a great starting point.

www.thoracic.org/go/get-involved



We help the world breathe
PULMONARY • CRITICAL CARE • SLEEP



If you are unable to join us at the ATS conference or the All business meeting this year, please fill out the attached questionnaire and email it to Beth Moore at bmoore@umich.edu. That way we can capture your feedback!

American Thoracic Society Allergy Inflammation and Asthma Assembly Interest Query

Your name: _____

Your institution: _____

Your email: _____

Your phone: _____

Your area of expertise: _____

Please check (✓) the boxes below for the topics that interest you or represent activities you would like to be involved with:

<input type="checkbox"/>	Working to develop a proposal for a symposia for the international conference on a broad theme listed here: _____ We will work to identify a group of people to work together and can facilitate the conference calls to help organize this.
<input type="checkbox"/>	Join a working group for mid-career professionals (late Asst. Professors, Assoc. Professors) to identify ATS or All programming of interest/need for this career stage. This would likely involve a yearly meeting at ATS and several phone calls per year.
<input type="checkbox"/>	Participate in an advisory subgroup to develop ideas and identify needs for early career professionals . This would involve several phone calls/emails to develop ideas to share with the Early Career Professionals working group for implementation.
<input type="checkbox"/>	Work in an advisory subgroup to identify individuals to nominate for ATS or All awards . This will likely involve emails and one or two conference calls and will report to the All Planning Committee.
<input type="checkbox"/>	Develop an assembly project . This can be to organize a workshop on a particular topic or could work to develop a clinical practice guideline. This would likely involve several conference calls and possibly a face to face meeting at ATS. The Planning Committee would provide guidance to help you. Please indicate your topic of interest: _____
<input type="checkbox"/>	Work to create an on-line journal club . This will involve some planning phone calls and emails, identification of a paper, coordinating a time for the authors and web committee to record the event and possible time editing for posting on the website.
<input type="checkbox"/>	Edit, review and create Patient and Family Education Materials . You will work to review and update current ATS documents on topics of interest to our assembly and can work to create new ones. Will likely involve emails and face to face meetings to coordinate among all assemblies. This subgroup would work in collaboration with the All Planning Committee
<input type="checkbox"/>	Participate in the Program Committee which reviews abstracts and works to program All sessions at the conference. This committee is limited to 30 members, but we are eager to create a database to replace members rotating off.
<input type="checkbox"/>	Develop a Sunrise Seminar to be given by you or someone else
<input type="checkbox"/>	Serve on the All Planning Committee which reviews applications for assembly projects and reviews nominations for assembly awards. Size of committee is limited, but we are eager to create a database to replace members rotating off.
<input type="checkbox"/>	Serve on the All Web Committee to review current web content and create new content. Size of committee is limited, but we are eager to create a database to replace members rotating off.
<input type="checkbox"/>	Work to develop an active social media platform for All assembly members and business. This could be as simple as agreeing to a "week to tweet"
<input type="checkbox"/>	Help to edit and develop on line content for the All Asthma Center
<input type="checkbox"/>	Participate in an advisory subgroup to develop ideas/program content of relevance to International Members .
<input type="checkbox"/>	Work in an advisory committee on issues related to members in industry . This would likely involve emails and conference calls to make suggestions to the executive committee.
<input type="checkbox"/>	Participate as a career development mentor for a junior colleague
<input type="checkbox"/>	Participate as a career development mentee to be paired with a more senior colleague
<input type="checkbox"/>	Volunteer to serve as a session chair, poster discussion facilitator or thematic poster session facilitator at the International Conference Meeting .
<input type="checkbox"/>	Other suggestions or comments: