

Assembly on Pulmonary Circulation (PC) Newsletter



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IN THIS ISSUE

Message from the Assembly Chair1-2
Program Committee Report.....3-7
Planning Committee Report.....7
Web Committee Report.....8
Early Career Professionals8-9
Women in PVD Working Group.....9
Journal Club Committee Report.....9-10
Mentoring Program.....10
ATS Guideline Methodology Training Program....11

Message from the Assembly Chair

Welcome to the Pulmonary Circulation Assembly and our Spring Newsletter! This newsletter is full of information about the Assembly and all of our accomplishments in the past year. I am thrilled that we can connect in person at our 2023 International Conference in Washington, D.C., which, as always, brings the very best opportunities to hear the latest in research, clinical care, education, and health care policy. I can't wait to see you all in person at our Pulmonary Circulation Assembly meeting on Monday, May 22 at 5 pm ET!

I would like to thank all the members of the Pulmonary Circulation Assembly that have supported the Assembly and the ATS over the last year by participating in the many online events, by contributing with abstract, program, grant, and project submissions and reviews, and by participating in conference planning activities. Also, thank you very much for supporting the ATS journals through your paper submissions and reviewer activities.

The last year has been an exciting year for the Pulmonary Circulation community. There has been great progress in pulmonary vascular research and clinical care, and we were able to see each other at many conferences. The past, present and upcoming Pulmonary Circulation Assembly activities reflect this progress and community.

Our Program Committee Chair Dr. Corey Ventetuolo and Chair-Elect Dr. Stephen Chan have put together a truly tremendous program for our Assembly for the 2023 International Conference. I would like to thank them for their dedication and hard work! The return to in-person programming last year brought some changes, and the current program continues to build on the many successful and well-received changes to the format. I can't wait for all the abstract presentations, symposia, and workshops that have been programmed for the Conference! We are also thrilled to announce that the Pulmonary Circulation Assembly will be joining the ATS Basic Science Core Group for the 2024 International Conference. This will be an outstanding opportunity to promote pulmonary vascular basic and translational science research within ATS and to foster collaboration with other assemblies. Special thanks to Drs. Ventetuolo and Chan for facilitating this and to Drs. Kara Goss and Eric Schmidt who will be representing our assembly in the Basic Science Core Working Group.

The Planning Committee, chaired by Dr. Mahendra Damarla and co-chaired by Dr. Natalie Bauer, was active reviewing Assembly project applications and Assembly award nominations. We are excited that - for the first time since 2019 our Assembly will be able to host the beloved and widely recognized Grover Conference again this year.

As always, our Early Career Working Group headed by Dr. Rebecca Vanderpool has been tremendously busy. The group brought terrific online programming to our early career members and also to our social media accounts. We are excited to report that we launched an apprentice program as an opportunity for more early career colleagues to get to know how our Assembly and the ATS work. We have been truly impressed by the many valuable contributions of our

apprentices and are looking forward to working with next year's class!

The Journal Club committee led by Dr. Dan Lachant has organized several well attended journal clubs. I was impressed by the quality and impact of the science as well as the fantastic and insightful discussions. These online activities provide much needed and much appreciated opportunities for our Assembly members to engage and connect with colleagues, exchange scientific ideas, and foster new collaborations. The launch of the new "Difficult Cases" series has been a terrific new addition to the Pulmonary Circulation on-line programming and has been very well received.

Drs. Sandeep Sahay and Meghan Cirulis are now chairing the web committee and have tackled a re-organization and modernization process of our Assembly's website. They contributed new on-line content (including a well-attended and well-received webinar on the 2022 ESC/ERS Pulmonary Hypertension guidelines). A podcast series will be launched in the near future. Please stay tuned to find out more about these upcoming changes.

I am excited to report that our Assembly had several major achievements over the last year. First, we were able to resume our flagship Grover conference. While this meeting had to undergo several changes with regards to location and format, this will be a highly exciting and cutting-edge conference in a fantastic location and with inspiring science, and we can't wait to get everybody together for this for the first time in four years. I would like to thank Drs. Anna Hemnes, Vinicio de Jesus Perez and Martin Wilkins for all their efforts in making sure this will be the best Grover conference ever. In addition, I would like to extend a huge thanks to Ms. Miriam Rodriguez and her team at the American Thoracic Society, who put an incredible amount of effort in to make sure this conference can take place. I also would like to thank the leadership of the Pulmonary Vascular Research Institute, who demonstrated great flexibility and collaborative spirit in order to avoid overlap with their annual conference. I am so proud of the amazing collaborative spirit of the pulmonary circulation community! Second, we were very successful in incorporating early career members into the activities of our assembly. As mentioned above, we successfully launched the apprenticeship program. In addition, we added several early career members to our committees. We are very grateful for all their hard work and contributions. Third, we were finally able to launch a working group for women in Pulmonary Circulation to foster scientific exchange and help with career development topics specific to female researchers. This important new working group is led by Drs. Ke Yuan and Larissa Shimoda. We thank the ATS for supporting this important initiative!

In addition to these new endeavors, we continue the activities that we launched in the prior year. The *Outstanding Mentored Investigator Award* is now in its second year. This award was created to recognize scientific achievements from ATS Pulmonary Circulation members that are early in their careers to encourage ongoing commitment to science. We will announce our second awardee at our Pulmonary Circulation Assembly meeting on May 22! Furthermore, the Pulmonary Circulation Assembly continues to oversee the *ATS Early Career Investigator Award in Pulmonary Vascular Disease Program* (formerly known as "Entelligence"). We are thrilled to continue contributing to this important program and help train the next generation of scientists. Several Pulmonary Circulation Assembly members have been added to the review committee (chaired by Dr. Ron Oudiz). The proposals that were submitted were of outstanding quality and the award process was highly competitive. A luncheon for the winners will be held at ATS 2023.

The PC Assembly continues to serve as a home for trainees, early career investigators, and seasoned scientists and clinicians to receive mentorship and critical feedback, and to find opportunities to serve and disseminate knowledge. It provides a forum to network with peers and connect with friends. We will continue to provide these opportunities virtually as well as in-person at the 2023 International Conference and Grover Conference. While many terrific things happen at these conferences, our goal is to serve our members and provide relevant content throughout the year. Please get involved and engage with our Assembly through social media, through journal clubs and other online events, through submitting projects, through participation in committees, and, most importantly, through submitting your best science and ideas for presentation in 2024! We are always open for new ideas and new initiatives.

Lastly, I wanted to thank our Assembly members for the opportunity to serve as your Assembly Chair for the last two years. This was truly the honor of a lifetime. It was a privilege to work with all the amazing PC Assembly members, inspiring ATS colleagues, and wonderful ATS staff. Dr. Vinicio de Jesus Perez will take over as Assembly Chair at ATS 2023, and I am very excited to be working with him in continuing to move the Assembly forward so that we can make the largest possible impact in advancing science and improving the lives of our patients and their caregivers.

Tim Lahm, MD, ATSF

Assembly Chair

Assembly on Pulmonary Circulation (PC) Membership Meeting

Monday, May 22, 2022
5:00 pm - 7:00 pm

Building Marriott Marquis DC
Room: Liberty Ballroom I-L
Floor: M4

American Thoracic Society
ASSEMBLIES



Want to know how the ATS Assemblies and Committees really work?
Would you like to get more involved?

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www.thoracic.org/go/get-involved




PROGRAM COMMITTEE

Corey E. Ventetuolo, MD, MS (Chair) & Stephen Y. Chan, MD, PhD (Chair-Elect)

The Program Committee Chair and Chair-Elect Corey Ventetuolo and Stephen Chan have programmed an exciting program for our meeting in Washington. The chairs wish to thank the assembly members for submitting all their excellent work (388 abstracts and counting with late breakers!) and the Program Committee for their dedication and assistance with programming. Pulmonary Circulation will have eight symposia, five poster discussion sessions, and twelve thematic poster sessions to choose from full of content on pulmonary vascular disease, thromboembolic disease, the microcirculation and more! We look forward to the participation of all of our facilitators and moderators, including apprentices and emerging investigators, and the dynamic discussions in DC!

ATS 2023 International Conference Assembly on Pulmonary Circulation (PC) Sessions

Session Code	Session Title	Session Type	Session Date	Session Start Time	Session End Time
A14	THIS IS GETTING COMPLICATED: EPIGENETICS, -OMICS, AND CELL SIGNALING IN PULMONARY HYPERTENSION	Mini Symposium	5/21/2023	9:00 AM	11:00 AM
A26	PRECISION-BASED APPROACHES TO PULMONARY VASCULAR DISEASE	RAPiD: Rapid Abstract Poster Discussion Session	5/21/2023	9:00 AM	11:00 AM
A57	GREAT CASE! INTERESTING CASES IN PULMONARY VASCULAR DISEASE	Thematic Poster Session	5/21/2023	9:00 AM	4:15 PM
A58	VISUALIZING THE FUTURE: IMAGING IN PULMONARY HYPERTENSION	Thematic Poster Session	5/21/2023	9:00 AM	4:15 PM
A59	CLOTS, CLOTS, AND MORE CLOTS: VENOUS THROMBOEMBOLIC DISEASE	Thematic Poster Session	5/21/2023	9:00 AM	4:15 PM
A60	LET'S MEET AT DUPONT CIRCLE: NEW MOLECULAR TRAFFIC PATTERNS IN PULMONARY HYPERTENSION	Thematic Poster Session	5/21/2023	9:00 AM	4:15 PM
A97	RISE OF THE MACHINES: -OMICS AND COMPUTATIONAL BIOLOGY IN PULMONARY HYPERTENSION	Mini Symposium	5/21/2023	2:15 PM	4:15 PM

B8	BEYOND THE LUNGS: EXTRAPULMONARY MANIFESTATIONS OF PULMONARY VASCULAR DISEASE	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B55	GETTING TO THE HEART OF CARDIOPULMONARY ANOMALIES AND DIAGNOSTIC DILEMMAS IN PH	Thematic Poster Session	5/22/2023	9:00 AM	4:15 PM
B56	-OMICS, MACHINES, AND DEVICES IN PULMONARY HYPERTENSION	Thematic Poster Session	5/22/2023	9:00 AM	4:15 PM
B57	INTERMEDIATES, CORRELATES, AND SURROGATES, OH MY!: NOVEL END POINTS AND ASSESSMENTS IN PVD	Thematic Poster Session	5/22/2023	9:00 AM	4:15 PM
B58	DON'T FORGET ABOUT THE BLOOD VESSELS! PULMONARY VASCULAR FUNCTION IN ACUTE LUNG INJURY	Thematic Poster Session	5/22/2023	9:00 AM	4:15 PM
B59	BREAKING BAD: NEW DRUGS AND FORMULATIONS FOR PULMONARY HYPERTENSION AND RV FAILURE	Thematic Poster Session	5/22/2023	9:00 AM	4:15 PM
B60	LIFE MOVES FAST! LATE BREAKERS IN PULMONARY HYPERTENSION	Thematic Poster Session	5/22/2023	9:00 AM	4:15 PM
B89	TRANSCRIPTOMIC PROFILING OF PULMONARY VASCULAR LESIONS UNRAVEL MECHANISMS OF PULMONARY ARTERIAL HYPERTENSION	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B97	RISKY BUSINESS: TREATMENTS AND CLINICAL TARGETS IN PULMONARY HYPERTENSION	Mini Symposium	5/22/2023	2:15 PM	4:15 PM
C26	UNRAVELING THE GORDIAN KNOT: MULTI-DIMENSIONAL -OMICs AND SIGNALING MOTIFS IN PULMONARY VASCULAR DISEASE	Poster Discussion Session	5/23/2023	9:00 AM	11:00 AM
C62	CANCER, CLOTS, AND OTHER PULMONARY VASCULAR OBSTRUCTIONS	Thematic Poster Session	5/23/2023	9:00 AM	4:15 PM
C63	THINKING OUTSIDE THE BOX: NEW INSIGHTS INTO SUBGROUPS OF PULMONARY HYPERTENSION	Thematic Poster Session	5/23/2023	9:00 AM	4:15 PM
C64	EXPANDING THE VENN DIAGRAM: COVID-19 AND THE PULMONARY VASCULATURE	Thematic Poster Session	5/23/2023	9:00 AM	4:15 PM
MTE36	REMOTE PHYSICAL ACTIVITY MONITORING IN PULMONARY VASCULAR DISEASE	Meet the Expert	5/23/2023	10:15 AM	11:15 AM
C87	A MEASURED RESPONSE: ASSESSING TREATMENT OUTCOMES IN PULMONARY HYPERTENSION	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
C107	AT THE CROSSROADS OF DISEASE: METABOLIC AND INFLAMMATORY DRIVERS IN PULMONARY VASCULAR DISEASE	Poster Discussion Session	5/23/2023	2:15 PM	4:15 PM
D18	MOLECULAR TRAFFIC HUBS IN PULMONARY VASCULAR DISEASE	Mini Symposium	5/24/2023	8:00 AM	10:00 AM
D28	HOW CAN WE DO BETTER: EMERGING DIAGNOSTICS AND THERAPEUTICS IN PULMONARY VASCULAR DISEASE	Poster Discussion Session	5/24/2023	8:00 AM	10:00 AM
D8	UNDER THE MAGNIFYING GLASS: OMICS AND DEEP PHENOTYPING IN PULMONARY VASCULAR DISEASES	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM

MTE49	PHENOTYPING SYSTEMIC SCLEROSIS ASSOCIATED PULMONARY HYPERTENSION	Meet the Expert	5/24/2023	9:15 AM	10:15 AM
D106	HOT OFF THE PRESSES! LATE BREAKERS IN PULMONARY VASCULAR DISEASE	Poster Discussion Session	5/24/2023	12:00 PM	2:00 PM

**ATS 2023 INTERNATIONAL CONFERENCE
ADDITIONAL SESSIONS OF INTEREST**

Session Code	Session Title	Session Type	Session Date	Start Time	End Time
A11	CARING FOR HISTORICALLY MARGINALIZED PATIENTS: ETHICAL, LEGAL AND ADVOCACY PRIMER FOR PROVIDERS	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A10	ASTHMA HOT TOPIC 2023: WHICH "ICS PLUS BRONCHODILATOR" RELIEVER FOR WHICH PATIENT?	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A9	USING TECHNOLOGY TO SAVE THE BRAIN AND BODY: NOVEL INTERVENTIONS TO MANAGE PAIN, ANXIETY, DELIRIUM, AND PROMOTE MOBILITY IN ICU	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A8	BRONCHOPULMONARY DYSPLASIA ACROSS THE LIFESPAN	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A7	THE NEW ATS CLINICAL PRACTICE GUIDELINES FOR PULMONARY REHABILITATION	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A6	BEYOND TRANSCRIPTOMICS: THE NEXT FRONTIER IN COPD/EMPHYSEMA	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A89	CAN ENVIRONMENTAL INTERVENTIONS CHANGE THE SOCIAL DETERMINANTS OF HEALTH?	Scientific Symposium	5/21/2023	2:15 PM	3:45 PM
A87	NEW TREATMENT APPROACHES FOR BRONCHIECTASIS	Scientific Symposium	5/21/2023	2:15 PM	3:45 PM
A88	NEURO-IMMUNE INTERACTIONS IN LUNG DEVELOPMENT AND DISEASE	Scientific Symposium	5/21/2023	2:15 PM	3:45 PM
B12	ATS CLINICAL PRACTICE GUIDELINES: CLINICAL PRACTICE ON THE CUTTING EDGE	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B7	SICKLE CELL LUNG DISEASE ACROSS THE LIFESPAN: WHERE ARE WE NOW?	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B8	BEYOND THE LUNGS: EXTRAPULMONARY MANIFESTATIONS OF PULMONARY VASCULAR DISEASE	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B11	GLOBAL INSIGHTS ON THE LONG-TERM SEQUELAE OF INFECTIONS: BEYOND COVID	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B9	SEX-SPECIFIC MECHANISMS OF LUNG DISEASE PATHOGENESIS THROUGH THE LENS OF SINGLE CELL RNA SEQUENCING	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B6	NON-PAP ALTERNATIVES FOR OSA: FROM ACCEPTED TO REVOLUTIONARY	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM

B10	REIGNITING THE CANCER MOONSHOT: ATS = MISSION CONTROL FOR LUNG CANCER	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B92	INNOVATIVE APPROACHES TO PERSONALIZED SEVERE ASTHMA MANAGEMENT	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B90	IMPROVING THE DIAGNOSIS AND MANAGEMENT OF PEDIATRIC ACUTE RESPIRATORY DISTRESS SYNDROME	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B88	LEAPS AND BOUNDS: REDUCING HEALTHCARE'S CARBON FOOTPRINT	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B87	CONTROVERSIES IN PEDIATRIC OBSTRUCTIVE SLEEP APNEA: A PRO/CON DEBATE	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B89	TRANSCRIPTOMIC PROFILING OF PULMONARY VASCULAR LESIONS UNRAVEL MECHANISMS OF PULMONARY ARTERIAL HYPERTENSION	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B86	PRECISION MEDICINE IN PNEUMONIA	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
C11	ADVANCING CLINICAL ISSUES TO ATS AND CAPITOL HILL: THE OXYGEN THERAPY EXEMPLAR	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C6	DISPARITIES IN RESPIRATORY GENOMICS RESEARCH: STRATEGIES TO ADVANCE SCIENCE AND CLINICAL CARE	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C5	DISMANTLING STRUCTURAL RACISM FROM RISK AND DISEASE PREDICTION IN PULMONARY AND CRITICAL CARE MEDICINE	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C8	NEW CONCEPTS AND UPDATE IN THE DIAGNOSIS AND MANAGEMENT OF NTM AND TB INFECTIONS	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C9	REHABILITATION FOR THE POST-COVID POPULATION	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C10	OPIOID USE DISORDER, SLEEP DEFICIENCY, AND VENTILATORY CONTROL: BIDIRECTIONAL MECHANISMS AND THERAPEUTIC TARGETS	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C7	CANCER IN THOSE WHO HAVE NEVER SMOKED: NEW INSIGHTS FROM BENCH TO BEDSIDE	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C89	ACHIEVING HEALTH EQUITY: REDUCING THE IMPACT OF SDOH THROUGH RESEARCH AND ADVOCACY	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
C85	A PATH TOWARDS A MORE DIVERSE AND INCLUSIVE WORKFORCE	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
C88	BIOLOGICAL IMPACT OF COVID-19 ACROSS THE LIFESPAN	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
C87	A MEASURED RESPONSE: ASSESSING TREATMENT OUTCOMES IN PULMONARY HYPERTENSION	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
C86	BEYOND THE TRANSCRIPTOME: HOW THE MULTI-"OMIC" UNIVERSE PROVIDES NOVEL INSIGHTS INTO IPF/ILD PATHOGENESIS	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM

D5	REVISITING BEST BUY INTERVENTIONS FOR THE DIAGNOSIS AND MANAGEMENT OF CHRONIC RESPIRATORY DISEASES IN LOW- AND MIDDLE-INCOME COUNTRIES	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D6	OBESITY-RELATED ASTHMA: MECHANISTIC STUDIES BEGIN TO INFORM THERAPEUTICS	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D10	AN AGE-FRIENDLY FRAMEWORK FOR CARING FOR OLDER ADULTS WITH CHRONIC LUNG DISEASE	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D7	WANT TO BE AN ADVOCATE FOR LUNG HEALTH? LEARN FROM SUCCESS!	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D8	UNDER THE MAGNIFYING GLASS: OMICS AND DEEP PHENOTYPING IN PULMONARY VASCULAR DISEASES	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D9	IT'S ABOUT TIME! THE CIRCADIAN CLOCK IN LUNG DISEASE, FROM BENCH TO BEDSIDE	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D11	THE EVOLVING ROLE FOR IMMUNOTHERAPY IN LUNG CANCER	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D86	HUMANS, ANIMALS, THE ENVIRONMENT: WHY IS THE ONE HEALTH APPROACH NEEDED FOR EMERGING HEALTH ISSUES?	Scientific Symposium	5/24/2023	12:00 PM	1:30 PM
D87	THE UN HIGH LEVEL MEETING ON TB 2023: A CHANCE TO BEAT THIS PARTICULAR PANDEMIC	Scientific Symposium	5/24/2023	12:00 PM	1:30 PM
D88	BEYOND BIOENERGETICS: CELLULAR METABOLISM IN LUNG HEALTH AND DISEASE	Scientific Symposium	5/24/2023	12:00 PM	1:30 PM
D89	OSA-ASSOCIATED INFLAMMATION AND COMORBIDITIES: CAUSES AND CONSEQUENCES	Scientific Symposium	5/24/2023	12:00 PM	1:30 PM

PLANNING COMMITTEE

Mahendra Damarla, MD (Chair) & Natalie Bauer, PhD (Co-Chair)

After a long overdue hiatus, The Grover Conference will be held at the Devil's Thumb Ranch in Colorado on October 16-20, 2023. Drs. Anna Hemnes, Martin Wilkins, and Vinicio de Jesus Perez are set to lead an outstanding conference entitled: "Precision Medicine for pulmonary vascular diseases: the Future is Now." We are excited to report that a Pulmonary Circulation Assembly project entitled 'Lung endothelium in health and disease' chaired by Drs. Rebecca Hough, Troy Stevens and Mahendra Damarla was recently Renewed by the ATS for a Workshop Report! The Planning Committee is meeting in early March to review applications for the Early Career Achievement Award and the Outstanding Mentored Investigator Award. Looking forward to another great in-person ATS this year!

Submit an Assembly/Committee Project Application for Funding in FY2024!

We are happy to announce that ATS will once again accept **NEW Assembly/Committee Projects for FY2024**. 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, Mahendra Damarla, MD at mdamarl1@ihmi.edu or Assembly Planning Committee Co-Chair Natalie Bauer at nbauer@southalabama.edu.**

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

WEB COMMITTEE

Sandeep Sahay, MD, MSc & Meghan M Cirulis, MD MS (Co-Chairs)

The Web Committee has continued to promote journal clubs and webinars and was hosting a webinar on the 2022 ESC PH guidelines in Spring 2023. Near term goals for the Web Committee include updating the content of the PC Assembly website and rolling out a more regular podcast focused on Pulmonary Vascular Disease. The committee plans to be an active presence at the ATS International Conference in Washington, D.C. later this year and aims to increase assembly membership and engagement.

The Web Editorial committee has been busy promoting and growing the Pulmonary Circulation Assembly's virtual presence. @ATS_PC on Twitter has surpassed 1K followers, increasing visibility and attendance for Pulmonary Circulation Assembly events. For those that would like to know more about what's going on in Pulmonary Circulation, please follow us on **Twitter @ATS_PC** to get real time tweets about 'everything' Pulmonary Circulation as well as the latest updates and information on upcoming conferences, Journal Clubs, social events, etc.

We are looking for additional members to help with content and assembly publicity; if interested in getting involved, please email ssahay@houstonmethodist.org or meghan.cirulis@imail.org.

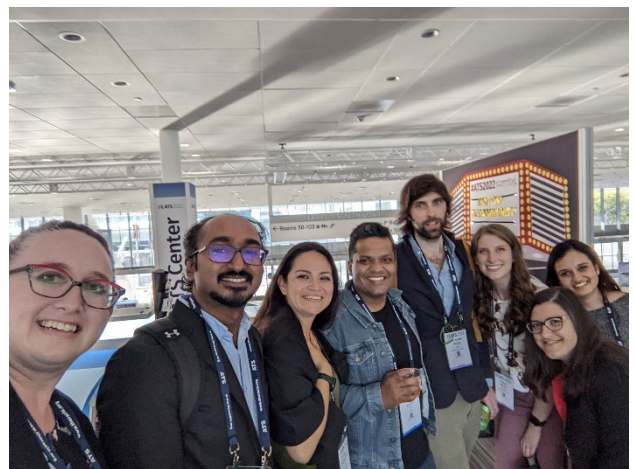


EARLY CAREER WORKING GROUP

Rebecca R Vanderpool, PhD (Chair)

On behalf of the Pulmonary Circulation Early Career Working Group, I would like to thank the members that took time out of their busy schedule to participate in the early career activities in 2022. We are continuing the PC Early Career Highlights on Twitter, organizing virtual happy hours focused on career development activities and participation in the Apprenticeship and Teaching competition programs through ATS.

A highlight from this past year was being able to meet in person and socialize at #ATS2022. I would also like to welcome the new members to the committee, Dr. Suellen D'Arc Dos Santos Oliveira, Dr. Justin Lui, Dr. Sue Gu and Dr. Navneet Singh. As a working group we continue to grow and expand our activities.



The goal of the Early Career Professional Working Group is to showcase early career professionals with a diverse array of academic interests to promote and disseminate their work and foster community through collaboration and networking. Our plan in 2023 is to organize more early career content with virtual happy hours and Early Career Highlights, continue to participate in the Apprenticeship program and teaching competition, increase engagement and interaction at poster sessions, organize a PC Early Career Reception at the ATS International Conference.



WOMEN IN PULMONARY VASCULAR DISEASE WORKING GROUP

Ke Yuan, PhD & Larissa Shimoda, PhD (Co-Chairs)

The PC Assembly launched a working group for women in Pulmonary Circulation to foster scientific exchange and help with career development topics specific to female researchers in this field. This group operates under the umbrella of the newly launched ATS Working Group for Women in Pulmonary. The acronym for the working group is WoW (Women in Pulmonary Vascular Disease Working Group). We are excited to announce the eight core members of WoW: Ke Yuan, PhD (Boston Children's/Harvard), Larissa Shimoda, PhD, (Johns Hopkins), Katherine Cox Flaherty, MD (Brown University), Daniela Valdez Jasso, PhD (UCSD), Karin Tran Lundmark, MD (Lund University), Nadine Al-Naanani, MD (UPenn), Kadija Hersi, MD (NIH), and Kara Goss, MD (UT Southwestern). We welcome senior PC members to become WoW mentors. We thank the ATS for supporting this important initiative! Please stay tuned for information on future events and initiatives. If you would like to get involved, or if you have any ideas or questions, please contact Drs. Yuan (Ke.Yuan@childrens.harvard.edu) and Shimoda (Ishimod1@jhmi.edu).

JOURNAL CLUB WORKING GROUP

Daniel Lachant, DO (Chair)

On behalf of the Pulmonary Circulation Journal Club co-editors, I would like to thank the presenters, authors, and discussants that took time out of their busy schedule and participated in 2022. We were able to present six Journal Clubs with continued record attendance and started a new quarterly difficult Pulmonary Hypertension case conference. We owe Bridget Nance a big debt of gratitude for her continued assistance in coordinating each Journal Club. I would also like to welcome our new Journal Club co-editor, Dr. Jurjan Aman.

The goal of the current Journal Club format is to allow investigators, early-stage career scientists, or trainees the opportunity to present their own or other recently published papers about pulmonary vascular disease. We are interested in all topics, including basic science through clinical trials. Through the ATS webinar platform, members of the online audience are able to participate in a stimulating but informal group discussion with leaders in the field. The Journal Club co-editors and ATS support staff assist with the organizing and scheduling so that the presenter only focuses on the article presentation. A typical presentation is no more than 20-25 minutes. Thus, the bulk of the webinar is a moderated discussion with the expert discussants and the online audience. Our plan during the next academic year is to have another six journal clubs and four difficult case conferences.

We are always looking for authors interested in presenting their exciting science or trainees/junior faculty who want to get involved with the pulmonary circulation ATS assembly. If you would like to present your recently published work, an interesting article, or a difficult or interesting case, please do not hesitate to reach out to one of the co-editors and we can assistance with coordinating:

Daniel Lachant (Daniel.Lachant@urmc.rochester.edu), Roberto Bernardo (Roberto-Bernardo@ouhsc.edu), Elizabeth Sonntag (elizabeth.sonntag@vcuhealth.org), Maryam Sharifi-Sanjani (sanjani@pitt.edu), Jurjan Aman (j.aman@amsterdamumc.nl)

MENTORING PROGRAM

Dustin Fraidenburg, MD

The Pulmonary Circulation Assembly Mentoring Program was able to return to face to face activities this past year using a hybrid model of either in-person or virtual mentoring. The mentoring program has continued to grow year over year, matching experienced and knowledgeable mentors with trainee and early career mentees that have shown interest in similar areas related to the pulmonary circulation. We have had wonderful feedback regarding the mentoring program and look to continue to grow this opportunity in the PC assembly with both in-person and virtual options offered for mentorship during the ATS International Conference.

The goals of our program are to support early career professionals and trainees within the ATS community, provide mentorship opportunities to take full advantage of the resources available within the PC assembly and the ATS community. Mentors and mentees are expected to meet once either in-person or virtually over the platform of their choice to discuss key areas of interest, personal development, and career goals. Mentorship can extend beyond the initial meeting if the mentor and mentee choose, but this is not mandatory. We would like to thank the volunteer Mentors in advance for their participation in this program and their investment of time and expertise. The success of this program relies on the participation and generosity of ATS members who are willing to share their insights and experience with others. We look forward to another great year and encourage both Mentors and Mentees to sign up before the deadline in April 2023 by using the following link:

<https://www.thoracic.org/members/assemblies/assemblies/pc/mentoring-program/index.php>.

Assembly Mentoring Programs' Meeting Spot

Struggling to find a quiet location to meet with your mentor? The Assembly Mentoring Programs is offering a meeting spot exclusively for mentors and mentees to meet.

Renaissance Hotel

(Lobby level: Red Bud Room)

Sunday, May 21 – Monday, May 22 from 7 am to 7 pm

Please note, this space is exclusively for Mentoring Program participants*

ATS Contact- Nicole Feijoo at NFeijoo@thoracic.org

ATS GUIDELINE METHODOLOGY TRAINING PROGRAM

Kevin Wilson

The ATS has a Guideline Methodology Training Program that provides hands-on training in guideline development. An informational program is being held on Monday, May 22nd from 7:00 to 8:30 PM in the Mint Room (meeting level 4) of the Marriott Marquis. Anyone who is interested in learning more about clinical practice guideline development and the ATS training program is welcome to attend. Light appetizers will be served. Please RSVP to kwilson@thoracic.org. Space is limited.

Additional information:

Clinical practice guideline development has changed dramatically over the past two decades. Formal standards must now be met as defined by the Institute of Medicine (now the National Academy of Medicine), which include a specific approach to identifying evidence, summarizing evidence, formulating recommendations, and rating both the quality of evidence and the strength of the recommendations. The ATS and other guideline developers have learned that to successfully adhere to these standards, a guideline methodologist is necessary on each guideline committee. Guideline methodologists are individuals who are capable of leading systematic reviews (i.e., develop search strategies, select studies, extract data, perform meta-analyses, and construct evidence tables and summary of findings tables) and leading the formulation and grading of evidence-based recommendations. The requirement that there be a methodologist on every guideline committee has created an imbalance, with the demand for methodologists far exceeding the supply. As organizations move toward continuously updating guidelines and demand increases, this imbalance will worsen.

To combat this trend and build methodological capacity, the ATS has a methodology training program that takes individuals who have an interest in learning guideline methodology and places them on a guideline panel that needs methodological support. The trainee does the hands-on methodological work for the panel with guidance from the ATS methodologist and, in return, gains experience and middle co-authorship on the guideline. After working on one or two such guideline projects, the trainee will likely have the skills necessary to become an independent methodologist. We believe that this is a potential career pathway, particularly well-suited for clinician educators. Additional benefits of the program include a) systematic reviews performed during the development of the guideline are often publishable as independent entities and the trainee would be the first author on such derivatives, and b) participation in a methodology training workshop.

For more information on the training program, see Wilson KC, et al. American Thoracic Society Guideline Methodology Training Program. *ATS Scholar* 2022; 3(3): 379-389. Available at <https://www.atsjournals.org/doi/full/10.34197/ats-scholar.2022-0037PS>.