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. It is impossible to ignore the fact that for the second year in a row, we will not be able to meet in person as an Assembly, but I am very hopeful that 2022 will bring a return to more in person meetings and the opportunity to come together and celebrate our community’s accomplishments. I am thrilled that we do have the opportunity to connect virtually in our 2021 International Conference, which, as always, brings the very best opportunities to hear the latest in research, clinical care and health care policy while allowing for attendees to connect and interact as we have all gotten better at online platforms in the past year. We will have our annual Pulmonary Circulation Assembly meeting on May 5 at 5pm ET and I look forward to seeing you all on zoom!

Our Program Committee Chair and Chair-Elect had put together a truly tremendous program for our Assembly and brought a real enthusiasm to developing the junior membership’s role in the Program Committee. I wish I had the opportunity to thank Elena Goncharova and Brian Graham in person for their dedication and hard work, but I will do it in this newsletter instead! Thank you both!

Our Early Career Working Group headed by Rebecca Vanderpool has been quite busy this year and brought great online programming to our early career members and also to our social media accounts. I am excited about the apprentice program as an opportunity for more people to get to know how our Assembly and ATS work.

Speaking of online content, Jarrod Barnes has been keeping our website up to date and working with Jason Ellinoff on some well attended journal clubs. I have participated in some myself and found the format to be very easy to use and really enjoyed the opportunity to engage with colleagues near and far in timely – and much appreciated - scientific discussions.

As a fellow, junior investigator and now as a faculty member, the PC Assembly has provided me with a home where I can receive mentorship, critical feedback, opportunities to serve and a network around the world of peers and friends. We have worked to continue to provide these opportunities virtually in the past year so that we can continue to serve our members and provide relevant content throughout the year. I encourage you to get involved and be excited about the 2022 International Conference. Please engage with our Assembly though social media, though online journal clubs, through participation in committees and, most importantly, through submitting your best science for presentation in 2022!

On a last note, it has been an honor to serve as your Assembly Chair for the past two years and work with you all. I will pass the virtual baton to Tim Lahm at our Assembly meeting and am very excited to see the Assembly grow and progress in the future.

Sincerely,
Anna Hemnes
There have been major challenges with switching to a virtual format.

We have programmed for the 2021 conference:

- 2 scientific symposia which are interactive
- 1 scientific symposia which is pre-recorded/on demand
- 1 post-graduate course
- 1 meet-the-expert session

We reviewed 269 abstracts, about 60% of the number from last year. The top scoring abstracts were programmed into 2 interactive mini-symposia, one basic/translational and the other clinical (9 abstracts each). The remainder were programmed into 8 thematic poster sessions.

### ATS 2021 INTERNATIONAL CONFERENCE ASSEMBLY ON PULMONARY CIRCULATION

<table>
<thead>
<tr>
<th>Code</th>
<th>Session Title</th>
<th>Session Type</th>
<th>Session Time (EST)</th>
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<tbody>
<tr>
<td></td>
<td><strong>Sunday, May 16, 2021</strong></td>
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<tr>
<td>A5</td>
<td>CLINICAL CONTROVERSIES IN PULMONARY HYPERTENSION: A PRO/CON DEBATE FROM BEST ABSTRACTS</td>
<td>Scientific Symposium</td>
<td>10:00 AM - 11:30 AM</td>
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<td><strong>Tuesday, May 18, 2021</strong></td>
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<tr>
<td>ME13</td>
<td>WHO GROUP 3 PULMONARY HYPERTENSION: TO TREAT OR NOT TO TREAT</td>
<td>Meet the Experts</td>
<td>8:00 AM - 9:00 AM</td>
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<td>C7</td>
<td>BEYOND VASCULAR RESIDENT CELLS: ONE NEEDS MANY PIECES TO PLAY AN ORCHESTRA</td>
<td>Scientific Symposium</td>
<td>10:00 AM - 11:30 AM</td>
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<tr>
<td></td>
<td><strong>Wednesday, May 19, 2021</strong></td>
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<tr>
<td>D3</td>
<td>COME TOGETHER - CLINICAL ADVANCES IN PULMONARY HYPERTENSION: LESSONS FROM BEST ABSTRACTS</td>
<td>Mini Symposium</td>
<td>8:00 AM - 9:30 AM</td>
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<td><strong>Wednesday, June 9, 2021</strong></td>
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<td>PG9</td>
<td>PULMONARY HYPERTENSION IN HEART FAILURE WITH PRESERVED EJECTION FRACTION: A CLOSER LOOK AT THE LEFT HEART</td>
<td>Postgraduate Course On-Demand</td>
<td>2:30 PM - 4:00 PM</td>
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### SESSIONS OF GENERAL INTEREST

<table>
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<tr>
<th>Code</th>
<th>Session Title</th>
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<tbody>
<tr>
<td></td>
<td><strong>Sunday, May 16, 2021</strong></td>
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<tr>
<td>A1</td>
<td>REHABILITATION AND COVID-19: OPPORTUNITIES AND CHALLENGES</td>
<td>Scientific Symposium</td>
<td>8:00 am - 9:30 am</td>
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<tr>
<td>A11</td>
<td>ATS PRESIDENT’S SYMPOSIUM: CAN RACIAL AND ETHNIC DISPARITIES IN RESPIRATORY HEALTH BE ELIMINATED?</td>
<td>Scientific Symposium</td>
<td>3:30 pm - 5:00 pm</td>
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<td></td>
<td><strong>Monday, May 17, 2021</strong></td>
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<tr>
<td>B1</td>
<td>MIND THE GAP: ENDING GENDER DISCRIMINATION AND SEXUAL HARASSMENT IN CRITICAL CARE</td>
<td>Scientific Symposium</td>
<td>6:00 am - 7:30 am</td>
</tr>
<tr>
<td>B7</td>
<td>BREAKING NEWS: CLINICAL TRIAL RESULTS IN PULMONARY MEDICINE</td>
<td>Scientific Symposium</td>
<td>10:00 am - 11:30 am</td>
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The Pulmonary Circulation Web Editorial Committee is made up of a mixture of pulmonologists and research scientists that are interested in understanding and curing pulmonary vascular disease. The goal of the Pulmonary Circulation Web Editorial Committee is to disseminate knowledge and information through use of the website and social media platforms. Over the past year, we have been active in streamlining the website and social media to ensure seamless alignment for capturing and promoting key content including Journal Clubs and Podcasts.

The Pulmonary Circulation Assembly Journal Club has created exciting new content with webinars and important journal recaps with expert commentary. Upcoming and past Journal Clubs can be viewed on the Journal Club webpage. In addition, you can use this website to reserve your seat for the journal club presentations. We encourage submissions for potential articles or topics for the future! This is a great way for early career professionals to build their CV. Please feel free to contact one of the journal club editors: Drs. Jason Elinhoff (elinoffj@cc.nih.gov), Andrea Frump (anfrump@iu.edu), Daniel Lachant (daniel_lachan@urmc.rochester.edu) or Roberto J. Bernardo, MD, MS (Roberto-Bernardo@ouhsc.edu) Ke Yuan, PhD (Ke.Yuan@childrens.harvard.edu) if you are interested.

We also have interests in Podcasts and would like to increase our numbers using this platform. Past podcasts can be viewed on the PC Podcast webpage. If you are interested in helping with the Podcasts or have ideas you would like to contribute, please contact Jarrod Barnes (barnesj5@uab.edu) for more information.

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, Podcasts, etc.

We are looking to grow our Web Team! If you are interested in getting involved with the Pulmonary Circulation Assembly and the Web Committee on any level please contact the PC Web Director, Jarrod Barnes (barnesj5@uab.edu) or the Early Career Investigators Working Group Chair, Rebecca Vanderpool (vanderpoolrr@email.arizona.edu) for more details.
On behalf of the PC Journal Club co-editors, I would like to thank the presenters, authors and discussants that participated in our webinar presentations in 2020. In addition, we would like to sincerely thank Bridget Nance for all of her assistance in orchestrating the final product. We featured a variety of excellent studies this past year (see below for details) and we could not have done it without enthusiastic colleagues who generously volunteered their time. This year, we welcomed two new co-editors to the PC Journal Club, Drs. Ke Yuan and Roberto Bernardo, and also saw a noticeable increase in our live, online webinar audience!

The goal of the current PC Journal Club format is to allow investigators, particularly early-stage career scientists, the opportunity to present their recent papers. 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 authors/presenters really only focus 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 authors, invited expert discussants and the online audience.

We are always looking for authors interested in presenting their exciting science! If you would like to present your recently published work, please do not hesitate to reach out to one of the co-editors: Jason Elinoff (elinoffj@cc.nih.gov), Roberto Bernardo (Roberto-Bernardo@ouhsc.edu), Andrea Frump (anfrump@iu.edu), Daniel Lachant (daniel_lachant@urmc.rochester.edu), and Ke Yuan (Ke.Yuan@childrens.harvard.edu).

2020 Journal Club Highlights

Feb 2020 (Co-Sponsored with the Respiratory Structure and Function Assembly)
Presenter: Dr. Vikramjit Khangoora
Participating Author(s): Drs. Jennifer Ho and Gregory Lewis
Expert Discussant(s): Drs. Rebecca Vanderpool, Marc Simon and Steve Nathan

Aug 2020
Presenter: Dr. Erin Gibson (First Author)
Participating Author(s): Drs. Shannon Macauley and Naresha Saligrama
Expert Discussant(s): Drs. Rebecca Vanderpool, William Oldham and Meghan Cirulis

Oct 2020
Presenter: Drs. Chanil Valasarajan and Christoph Zehendner (Co-first authors)
Participating Author(s): Dr. Soni Pullamsetti
Expert Discussant(s): Drs. Sebastien Bonnet and Stephan Chan

Dec 2020
Article: "Sex Differences in Right Ventricular-Pulmonary Arterial Coupling in Pulmonary Arterial Hypertension” Am J Respir Crit Care Med 2020 Oct 1;202(7):1042-1046.
Presenter: Dr. Khodr Tello (First author)
Participating Author(s): Dr. Tim Lahm
Expert Discussant(s): Drs. Rebecca Vanderpool and Corey Ventetuolo

EARLY CAREER PROFESSIONALS WORKING GROUP REPORT
Rebecca Vanderpool, BS, MS, PhD, Chair

The Early Career Working Group in the PC Assembly worked hard to stay connected in the virtual world in 2020. We all missed the typical in person conference experience and networking from the international conference. We embraced the virtual Zoom sessions to plan a number of events including a journal club focused on discussing how to support early career researchers in the time of COVID and a virtual Happy Hour focused on Women in Pulmonary Vascular Disease. We joined the ATS Apprenticeship Program to help facilitate early involvement of graduate students and postdoctoral scholars in the PC assembly leadership. One goal in 2021 is to continue to increase the awareness of articles and researcher from the early career researchers in the Pulmonary Circulation Assembly.

Working Group members:
The American Thoracic Society is pleased to announce our new 2020 ATS Fellows

David Itiro Kasahara  
Arrowhead Pharmaceutical

Abebaw Yohannes  
Azusa Pacific University

Elena Goncharova  
University of California, Davis

Jose Antonio Castro Rodriguez  
Pontificia Universidad Catolica de Chile

David Griffith  
National Jewish Health

Alexander Sy  
Wake Forest Health

Susmita Chowdhuri  
School of Medicine, Pulmonary/Critical Care and Sleep

Samya Nasr  
University of Michigan

Adam Benjafied  
ResMed

Richard Casaburi  
Lundquist Institute for Biomedical Innovation at Harbor-UCLA Medical Center

Obianuju Ozoh  
Department of Medicine, College of Medicine, University of Lagos

Lida Hariri  
Massachusetts General Hospital, Harvard Medical School

Yuksel Peker  
Koc University School of Medicine

Usha Raj  
University of Illinois at Chicago

Basak Coruh  
University of Washington

James Donohue  
University of North Carolina at Chapel Hill

Marcus Jones  
Pontificia Catholic University of Rio Grande do Sul

Lisa Maier  
National Jewish Health

Blanca Himes  
University of Pennsylvania

Yvonne Jean Huang  
University of Michigan

R. Scott Stephens  
Johns Hopkins University

Timothy Girard  
University of Pittsburgh School of Medicine

Motoko Yamauchi  
Department of Respiratory Medicine, Nara Medical University

Jennifer Ingram  
Duke University

Meilin Han  
University of Michigan

Sanjay R. Patel  
University of Pittsburgh

Mariani Sockrider  
Baylor College of Medicine

Micheala Aldred  
Indiana University

Max Saltzer  
University of South Florida College of Public Health & Morsani College of Medicine

Peter Calverley  
University of Liverpool

Angela Rogers  
Stanford University

Rodney Britt  
Nationwide Children's Hospital

L. Keoki Williams  
Wayne State University School of Medicine & Center for Individualized and Genomic Medicine Research (CIGMA), Henry Ford Health System

Praveen Akuthota  
University of California San Diego

Sunil Sharma  
West Virginia University

Erin Wetherbee  
University of Minnesota / Minneapolis VAHCS

Jacqueline Kaqima  
Liverpool School of Tropical Medicine

Ammar Saadoun Alishash  
The University of Alabama at Birmingham

Nandita Nadig  
Medical University of South Carolina

Daniel Obaseki  
Obafemi Awolowo University

Julie A. Barta, MD  
Korman Respiratory Institute at Thomas Jefferson University

Sivaraja Subramaniam  
DeltaCare Hospital

Dr. Neeraj Vij  
Johns Hopkins University School of Medicine, Precision Theraonotics Inc & VUI Biotech

The ATS Fellow designation is a mark of distinction, conferring recognition on members for their accomplishments, dedication, and contributions to the Society as well as to the fields of pulmonary, critical care, and sleep medicine.

The ATS Fellow application period will open in May 2021. The new ATS Fellows will be announced this Fall and recognized at ATS 2022.

For more information about the ATS Fellows, visit our website:
https://www.thoracic.org/members/membership/ats-fellows.php