

Assembly on Pulmonary Rehabilitation (PR) Newsletter



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IN THIS ISSUE

Message From The Assembly Chair1

Planning Committee Report.....2

Program Committee Report3-6

Nominating Committee Report.....6

Web Committee Report.....6-9

Early Career Professionals9

US Pulmonary Rehabilitation Reimbursement Working Group Report ...10-11

Outcome Measures Working Group Report.....11

PhD, Basic & Translational Scientists Working Group Report.....11-13

ATS Guideline Methodology Training Program...13

Message from the Assembly Chair

Welcome to the Pulmonary Rehabilitation Assembly’s Spring newsletter. I hope the newsletter will give you an overview of what the Assembly has been working on over the last 12 months, as well as our future plans. It goes without saying that progress would not be made if it were not for the hard work and dedication of the members who support the assembly.

Many of you will still be dealing with the aftermath of the COVID-19 pandemic, hopefully by now all staff should be repatriated to pulmonary rehabilitation services, although many services have struggled to regain the space where we delivered our centre based programmes. We are now facing enormous waiting lists to deal with the pandemic backlog. Many alternative and novel models of care have emerged during the pandemic and have been carried forward into current practice. It is beholden upon the pulmonary rehabilitation community to evaluate these new models to ensure a high quality of service is maintained. Hopefully there will be a surge of trials evaluating these new interventions to allow us to take those forwards to a wider community with confidence.

The Pulmonary Rehabilitation Executive Committee is keen to increase opportunities for members to be involved in the Assembly’s activities. In particular we are focused on supporting junior members and early career researchers being involved, and have worked hard this year to encourage this, particularly when opportunities to meet face to face are limited. There are many different ways to be involved, many are listed below. We would like to encourage you to attend our assembly meeting and meet the Executive Committee, we are a hugely support group of people passionate about PR. Alternatively you can contact me directly, or any of the chairs below to understand opportunities for you within our assembly.

We are excited that the ATS will be back in Washington this year, and look forward to meeting as many of you as possible.

The Assembly Membership Meeting, to be held on Sunday, May 21, 2023.

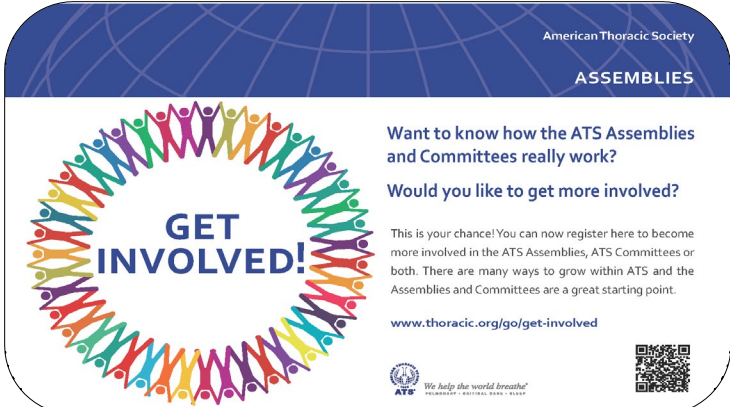
Everyone is welcome and I look forward to see you there!

Sally J. Singh, PhD
Assembly Chair

Assembly on Pulmonary Rehabilitation (PR) Membership Meeting

Sunday, May 21, 2023
5:00 pm - 7:00 pm

Building Marriott Marquis DC
Room: Marquis Ballroom Salon 12-13
Floor: M2




American Thoracic Society
ASSEMBLIES


GET INVOLVED!

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Would you like to get more involved?

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PLANNING COMMITTEE REPORT

Michael Steiner, MBBS, MD, FRCP (Chair)

The PR assembly planning committee continues to support and encourage project proposals to develop the work of the ATS in the pulmonary rehabilitation field. This year we have renewed two project proposals;

1. The Frailty in PR workshop report (Lead Matt Maddocks) has been accepted for publication in Annals of the American Thoracic Society. Congratulations Matt and the team on the fruition of this work.
2. The Pulmonary Rehabilitation Clinical Practice Guideline has been drafted with publication on schedule. Likewise congratulations and thanks to Carly Rochester, Anne Holland and the guideline group for getting this important work done.

The 2023 call for project proposals will open shortly after the ATS congress in Washington. As always the timelines will be tight so now is the time to start thinking about proposals. Don't hesitate to get in touch with the planning committee if you need advice and guidance on this. We are keen to support any assembly member in developing these projects.

Finally, my thanks to members of the planning committee for their support for the work of the committee over the last year.

- **Assembly Projects**

- The frailty workshop report (Led Professor Matthew Maddocks) been accepted and is in production for publication in Annals of ATS. It links to an accompanying ATS Patient Fact Sheet on frailty, which I think will be published in AJRCCM. The final task will be to populate the Assembly web pages with frailty outcome measures suited to rehabilitation interventions, i.e. which have a focus on physical frailty.
- The Pulmonary Rehabilitation Clinical Practice Guideline has been drafted with publication on schedule (Led by Professor Anne Holland and Dr Carly Rochester). There has been a huge amount of work by a number of sub groups addressing discrete questions. A special thank you to Grace Anne Dorney Koppel who has supported the team bringing the voice of the individual with COPD to the document.

Assembly/Committee Project Applications for FY2024

Assembly members interested in submitting a Project application should start developing their ideas. Applications for NEW Assembly Projects for 2024 will accepted July 1 through July 31, 2023.

If you have an idea or suggestion for a project application and need assistance, please contact the **PR Planning Committee Chair, Michael Steiner**, at ms346@le.ac.uk.

For questions regarding submissions, please see the Project Application Resource Center, or contact Miriam Rodriguez at: (212)315-8639 or mrodriguez@thoracic.org

PROGRAM COMMITTEE REPORT

Frits Franssen, MD, PhD (Chair), Chris Burtin, PT, PhD (Chair- Elect)

During the ATS 2023 International Conference (May 19 - 24 in Washington, DC), the Assembly on Pulmonary Rehabilitation will organize 2 Scientific Symposia, 2 Mini-Symposia, 2 Poster Discussion Sessions, 2 Thematic Poster Sessions and 3 Meet the Expert Sessions. Details can be found in the table below.

ATS 2023 International Conference Assembly on Pulmonary Rehabilitation (PR) Sessions

Session Code	Session Title	Session Type	Session Date	Session Start Time	Session End Time
PR-MS01	TAKING PULMONARY REHABILITATION TO THE NEXT LEVEL	Mini Symposium	05/21/2023	9:00 AM	11:00 AM
PR-TP01	POST-COVID19 REHABILITATION	Thematic Poster Session	05/21/2023	9:00 AM	4:15 PM
182	THE NEW ATS CLINICAL PRACTICE GUIDELINES FOR PULMONARY REHABILITATION	Scientific Symposium	05/21/2023	9:15 AM	10:45 AM
PR-PD01	RAPID – EXCITING DEVELOPMENTS IN PULMONARY REHABILITATION	Poster Discussion Session	05/22/2023	9:00 AM	11:00 AM
PR-TP03	THE MULTIPLE COMPONENTS OF PULMONARY REHABILITATION	Thematic Poster Session	05/22/2023	9:00 AM	4:15 PM
MTE-26	HOW TO ASSESS THE OUTCOME OF A PULMONARY REHABILITATION PROGRAMME?	Meet the Expert	05/22/2023	12:00 PM	1:00 PM
PR-PD02	OPTIMIZING THE INTERVENTIONS AND PROGRAMME MODELS OF PULMONARY REHABILITATION	Poster Discussion Session	05/23/2023	9:00 AM	11:00 AM
444	REHABILITATION FOR THE POST-COVID POPULATION	Scientific Symposium	05/23/2023	9:15 AM	10:45 PM
PR-MS02	THE SCIENCE AND CLINICAL PRACTICE OF PULMONARY REHABILITATION	Mini Symposium	05/23/2023	2:15 PM	4:15 PM
MTE-44	VIRTUAL PULMONARY REHABILITATION: IDENTIFYING KEY STRATEGIES AND CONQUERING THE CHALLENGES TO ESTABLISHING A SUCCESSFUL PROGRAM	Meet the Expert	05/23/2023	12:00 PM	1:00 PM
MTE-37	EXERCISE TEST IN NEW ERA: UPDATED QUALITY IN PULMONARY REHABILITATION AFTER COVID-19	Meet the Expert	05/23/2023	12:00 PM	1:00 PM
MTE44	VIRTUAL PULMONARY REHABILITATION: IDENTIFYING KEY STRATEGIES AND CONQUERING THE CHALLENGES TO ESTABLISHING A SUCCESSFUL PROGRAM	Meet the Expert	5/23/2023	12:00 PM	1:00 PM
C96	THE SCIENCE AND CLINICAL PRACTICE OF PULMONARY REHABILITATION	Mini Symposium	5/23/2023	2:15 PM	4:15 PM

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

Session Code	Session Title	Session Type	Session Date	Session Start	Session End
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

NOMINATING COMMITTEE REPORT

Anne Holland, PT, PhD (Chair)

Candidates have been nominated for positions on the committee and voting opened in December. To date we do not know the outcome, the results will be announced at the assembly meeting. We would like to thank our excellent candidates for standing, and we will announce results at the conference.

WEB COMMITTEE REPORT

Alex Robert Jenkins, BS(Hons), MPhil, PhD (Web Director)

The committee has continued its tradition of producing a large amount of content for assembly members as part of another successful year. The following link brings you to the Assembly's website where you can access content we have produced to date: <https://www.thoracic.org/members/assemblies/assemblies/pr/index.php>

We welcome the continued submission of any content ideas as well as volunteers to partake in webinars, podcasts and/or quarterly bites to alex.jenkins@mcgill.ca.

Journal Club: Since May 2022, the Web Committee have organized eight online journal clubs (see table below). We would like to take this opportunity to highlight that our journal clubs are available to both ATS members and non-ATS members. For those who miss our Journal Club sessions, we'd like to highlight that all our journal clubs are recorded and can be accessed via the ATS PR Assembly website at any time with any questions post-recording being discussed using the DocMatter platform. We'd like to take this opportunity to thank all the authors, presenters and expert panel members who have participated in our journal clubs this year. Thanks must also go to Bridget Nance at ATS for providing technical support throughout.

Date	Article
June 2022	Cox, Narelle., et al. "Tele-rehabilitation for chronic respiratory disease: a randomised controlled equivalence trial" <i>Thorax</i> (2022).
September 2022	Philip, Keir., et al. "An online breathing and wellbeing programme (ENO Breathe) for people with persistent symptoms following COVID-19: a parallel-group, single-blind, randomised controlled trial" <i>Lancet Resp Med</i> (2022).
October 2022	Spielmanns, Marc., et al. "Using a smartphone application maintains physical activity following pulmonary rehabilitation in patients with COPD: a randomised controlled trial" <i>Thorax</i> (2022).
November 2022	Mosher, Christopher., et al. "Cost-effectiveness of pulmonary rehabilitation among US adults with chronic obstructive pulmonary disease" <i>JAMA Network Open</i> (2022)
January 2022	McNarry, Melitta., et al. "Inspiratory muscle training enhances recovery post-COVID-19: a randomised controlled trial" <i>ERJ</i> (2022).
February 2023	Scott, Hayley., et al. "Comparing the effect of acute moderate and vigorous exercise on inflammation in adults with asthma: a randomized controlled trial" <i>Annals of ATS</i> (2022). – <i>Yet to be recorded at the time of writing</i>
March 2023	Finnegan, Sarah., et al. "Brain activity measured by functional brain imaging predicts breathlessness improvement during pulmonary rehabilitation" <i>Thorax</i> (2022). – <i>Yet to be recorded at the time of writing</i>
April 2023	Simpson, Andrew., et al. "Group-based pulmonary telerehabilitation is feasible, safe, beneficial and well-received in patients that have been hospitalised with COVID-19" <i>ERJ Open</i> (2022). – <i>Yet to be recorded at the time of writing</i>

Podcasts: Since May 2022, we have recorded four podcasts with a further three planned prior to the end of the term. They are all available to download (with the historical podcasts) from the assembly website: <https://www.thoracic.org/members/assemblies/assemblies/pr/podcasts.php>. Thank you to everyone who contributed over the past year and to Maribel Lim at ATS Head Office for her technical support.

- **Technical aspects of assessing physical activity in chronic lung disease** with Dr. Linzy Houchen-Wolloff & Dr. Astrid Blondeel – pending recording at the time of writing
- **Latest advances in pulmonary rehabilitation reimbursement** with Dr. Francois Abi-Fadel & Chris Garvey – pending recording at the time of writing
- **Tele-rehabilitation in a post-COVID population** with Dr. Muhammad Sameed & Dr. Carl Leochico – pending recording at the time of writing
- **Measuring fatigue in chronic respiratory disease** with Dr. Felipe Machado, Dr. Yvonne Goertz & Maarten van Herck.
- **The role of speech pathologists in a multi-disciplinary pulmonary rehabilitation team** with Dr. Hayley Lewthwaite & Dr. Anne Vertigan.
- **Systematic reviews in the context of pulmonary rehabilitation** with Dr. Alex Jenkins & Dr. Arwel Jones.
- **Pulmonary rehabilitation strategies for children with residual lung disease from ARDS** with Dr. Andres Herrera-

Camino & Dr. Stephen Kirkby

Quarterly Bites: We have continued the success of our quarterly bites, which capture different views about subjects of interest and highlight relevant content in both the clinical and academic settings. We have had a further five quarterly bites this year - see below. Thank you to those who have participated.

- **Behavior change theories and frameworks in pulmonary rehabilitation:** *Rachel Tappan*
- **American Thoracic Society International Conference 2022: Highlights in pulmonary rehabilitation:** *Dr. Francois Abi-Fadel*
- **Pre-rehabilitation for lung transplant candidates: Developing a robust hybrid model:** *Dr. Manoela Ferreira & Dr. Lisa Wickerson*
- **Pulmonary rehabilitation in non-COPD populations:** *Dr. Claire Nolan (in preparation at the time of writing)*
- **Recommendations on physical activity in chronic respiratory disease:** *Dr. Heleen Demeyer (in preparation at the time of writing)*

Early career professional spotlight: This is a new feature we have added to our content output to provide early career professionals with a platform to introduce themselves on a personal level and share their favourite piece of work undertaken to date. This feature can be found under the early career professional tab of our website. Since January 2022, we have completed six spotlight features (see below). Thank you to all the early career professionals who have supported this feature to date.

- **January:** *Dr. Jana De Brandt*
- **April:** *Sophie Collins*
- **July:** *Dr. Stephanie Robinson*
- **October:** *Dr. Mark Orme*
- **January:** *Dr. Antenor Rodrigues*
- **April:** *Dr. Michele Schaeffer*

ERS Literature Reviews: Literature reviews on the latest published research in the field of pulmonary rehabilitation compiled by Dr. Anouk Vaes and Dr. Sarah Houben-Wilke continue to be published on a bi-monthly basis on our webpage. We would like to thank Dr. Vaes and Dr. Houben-Wilke and the Rehabilitation and Chronic Care assembly of the ERS for sharing these updates with us.

Twitter: We opened our Twitter account in 2015 and now have 2,251 followers. Our twitter handle is @PR_Assembly so please do follow us if you use this platform. We tweet about @PR_Assembly activities, relevant publication updates, re-tweet all relevant PR related tweets. These and other issues related to the Assembly are regularly communicated through this account. We hope to see this platform continue to develop as a means of communication for our multi-disciplinary assembly members and patients across multiple continents.

Membership: Sadly, we have said goodbye to a few members of our committee over the last 12 months including Rachel Tappan, Dr. Andres Herrera-Camino, and Dr. Tania Janaudis-Ferreira. As a committee, we would like to thank Rachel, Andres & Tania for their contributions and dedication to this committee during their time as serving members. We wish you all the best for your future endeavors!

Whilst we have lost committee members, we have also added to the team. Firstly, we welcomed Dr. Muhammad Sameed to the committee who joined via the ATS apprenticeship program and has been a great asset to the group from the word go. More recently, we have recruited Dr. Leslie Seijo, Dr. Katie Menson, Dr. Alan Hamilton, and Dr. Mariana Hoffman following an advertisement for new members. We are delighted to welcome all these new members to the group! A position to join the committee will be available for 2023 through the ATS apprenticeship program for anyone who should be interested.

Our enthusiastic, dedicated, and diverse international group of committee members all contribute to the activity outlined in this report. A huge thank you must go to all committee members for their efforts.

We are very grateful to all the people who have contributed to helping us make a success of the ATS PR web-committee activities described above. We encourage all assembly members to be involved, but particularly want to encourage our new or more junior faculty members to volunteer – please don't wait to be asked; we are keen to hear from you. Please e-mail alex.jenkins@mcgill.ca with your ideas and/or what you would like to be involved with.

Web Committee Members: Dr. Alex Jenkins (Canada), Dr. Dmitry Rozenberg (Canada), Dr. Linzy Houchen-Wolloff (UK), Dr. Enya Daynes (UK), Dr. Francois Abi Fadel (USA), Dr. Hayley Lewthwaite (Australia), Dr. Muhammad Sameed (USA), Dr. Leslie Seijo (USA), Dr. Katie Menson (USA), Dr. Mariana Hoffman (Australia), and Dr. Alan Hamilton (Canada).



EARLY CAREER PROFESSIONALS WORKING GROUP REPORT

Ruth E. Barker, PhD, MRes (Chair)

Sadly, Dr. Sarah Roark's tenure as chair ended in May 2022. We would like to thank Dr. Roark for all her contributions and work over the past few years.

With Dr Roark as chair, we hosted several virtual "Happy Hours" including "Meet the Professor featuring Dr. Will Man", "How to submit a great abstract" and "Apprenticeship Program Q&A" with support of the ATS.

The Apprenticeship Program has also been a success under Dr Roark, and continues to be so with a three new apprentices for 2022/2023, supporting the Program Committee, Web Committee and Planning Committee. This program offers our assembly apprentices the opportunity to have excellent development experiences as well as enrich our committees and assembly.

We will also continue to be involved in the mentor Program in 2023 and look forward to inviting assembly members to submit applications to the program when it opens.

Finally, we have welcomed new members to the committee this year and a new chair. We are developing a series of activities to further grow the activity of this working group to offer more support for early career professionals to network within the assembly.

The most up to date information from the ECWG is posted to Twitter under the PR Assembly, as well as via the working group section of the PR assembly site on the ATS website.

If you are an early careers member of the assembly, please consider joining! Reach out to the working group chair, Dr Ruth Barker (ruth.barker@wessexahsn.net), if interested.

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

US PULMONARY REHABILITATION REIMBURSEMENT WORKING GROUP REPORT

Christine Mary Garvey, FNP, MSN, MPA, MPH (Chair)

PR payment / government affairs

Evidence of improved cost savings¹ and survival following PR in post hospitalization COPD patients strengthens the current substantial evidence base of PR as the standard of care in COPD. Despite its effectiveness, PR continues to be significantly underutilized and underfunded in the US. Gary Ewart, Chief, ATS Advocacy & Government Relations is working to coordinate a meeting with the Centers for Medicare and Medicaid (CMS) to discuss PR utilization and outcomes, and to better understand options for overcoming barriers to equitable payment and access.

Gary Ewart and members of our working group along with American College of Chest Physicians (ACCP), American Association for Cardiovascular and Pulmonary Rehabilitation (AACVPR) and American Association for Respiratory Care (AARC) recently helped avert a significant reduction of Medicare payment for outpatient respiratory services codes frequently used for billing PR services for many patients.

PR Public Awareness:

We will launch our third annual PR social media campaign highlighting cost savings, effectiveness, underpayment and poor access to coincide with National PR week March 12-18, 2023. We are inviting 20 pulmonary and patient organizations to join this campaign. Thanks to Alex Jenkins and Enya Daynes of the ATS PR webpage committee for their help.

Reimbursement Tools for Providers:

The ATS US PR Assembly Reimbursement Working Group has collaborated with AACVPR and AARC to update the PR Reimbursement Toolkit <https://www.aacvpr.org/Learn/PR-Reimbursement-Toolkit>. AACVPR is providing an in-depth PR payment education initiative. A detailed summary of the PR toolkit update was recently published in the ATS Coding and Billing Quarterly newsletter.

Judy Corn, ATS Senior Director, Patient Education and Documents has overseen updating of the Livebetter.org PR program database and will soon combine this with an updated Moscovice PR program database. We thank Grace Anne Dorney Koppel for her very generous support of this project. This large combined database will be a much

needed open access resource for clinicians, patients, caregivers and the public.

Grace Anne Dorney Koppel and the Dorney Koppel Foundation continue to lead important national initiatives for persons with COPD, those in rural settings and, most recently, exploring improved PR access for US veterans.

1. Mosher C, Nanna M, Jawitz O, Raman V, Farrow N, et al. JAMA Network Open. 2022;5(6):e2218189. doi:10.1001/jamanetworkopen.2022.18189

OUTCOME MEASURES ADVISORY GROUP REPORT

Suzanne C. Lareau, RN, MS, ATSF, Linzy Houchen-Wolloff, PhD & Felipe Vilaça Cavallari Machado, PT (Co-Chairs)

The Outcomes Advisory Group was established in May 2019 by Sue Lareau and Rachael Evans. The outcomes that were chosen to be developed first were; **field tests** (Sally Singh), **health related quality of life**-HRQoL (Claire Nolan) and **learning outcomes** (Felicity Blackstock).

To date, the following outcomes have been developed:

- Fatigue
- Field tests
- HRQoL
- Learning

Outcomes on **Fatigue**, developed by *Maarten van Herck* and *Yvonne Goertz* have recently been uploaded to the ATS website. A podcast accompanying the **Fatigue** measures can be found at:

<https://breatheeasy.transistor.fm/episodes/measuring-fatigue-in-chronic-respiratory-disease>

Outcomes on **Body Composition**, developed by *Felipe Machado* are in the process of being uploaded to the website.

Dyspnea outcomes, developed by *Enya Daynes* and *Hayley Lewthwaite* are in the process of being finalized.

Outcomes on **Frailty** and **Balance** are in the process of development.

We would especially like to thank Clarice Tang, who provided valuable editing for most of the outcomes.

We would like volunteers to develop outcomes on depression and anxiety. Please contact either Linzy (Linzy.Houchen@uhl-tr.nhs.uk) or Sue (Suzanne.Lareau@CUAnschutz.edu) with your interest.

PhD, BASIC AND TRANSLATIONAL SCIENTISTS WORKING GROUP REPORT

Samantha M. Yeligar, MS, PhD and James D. Londino, PhD (Members)

The Ph.D. and Basic and Translational Scientist Working Group (PBTS WG) has been in existence since January 1, 2019 and is charged with enhancing the value of ATS membership for basic and translational scientists, specifically Ph.D. scientists. The PBTS WG consists of thirty-six members that are drawn from each of the fourteen ATS Assemblies. The WG meets monthly *via Zoom* to discuss issues of importance to (1) non-clinical ATS members (i.e., Ph.D. scientists) and (2) research-intensive physician-scientists. The current co-chairs of the PBTS WG are Drs. Samantha Yeligar (Assembly on PI-TB) and James Londino (Assembly on RCMB). Despite consisting of members from all fourteen ATS Assemblies, the Assembly on RSF is the administrative home for the PBTS WG, and we are very thankful to the Assembly on RSF for their strong and continuing support of our efforts.

During the past year, the PBTS WG has been extraordinarily active in developing programs for its constituency as well devising strategies to recruit Ph.D. scientists to the Society. We have highlighted some of the WG's efforts in the

subsequent text.

1. Research Integrity. There is a need for formally recognized research integrity training for basic science and translational researchers as scientific organizations increasingly require training to be specified in grant applications and for fellowships. The Research Integrity subcommittee, headed by Thomas Mariani, Ph.D. (Assembly on RCMB), was formed with the goal of promoting ATS as a recognized leader among professional societies in promoting the basic principles of Research Integrity through education, information dissemination and collaboration and to make integrity a part of all ATS members' research practices, procedures, and processes.

2. Seminar. With the goal of highlighting Ph.D. scientists and innovative methods/techniques in a seminar format, the Seminar subcommittee was formed under the co-leadership of Nicholas Jendzjowsky, Ph.D. (Assembly on All) and Lindsay McDonald, Ph.D. (Assembly on RCMB). The planned structure for 2-3 seminars per year with the co-sponsorship of assemblies within the ATS is a discussion of the research, preferably by a Ph.D. early career scientist, followed by discussion. We are also reaching out to stake holders in funding agencies to discuss how research techniques fit into their funding portfolio.

3. Survey. To understand the rationale as to why Ph.D. scientists attend the ATS International Conference but are not ATS members, Janette Burgess, Ph.D., ATSF (Assembly on RSF) has assembled a subcommittee of PBTS WG members to design a survey to answer this question. This survey will be distributed to all 2023 ATS International Conference attendees who hold a Ph.D. or equivalent and spend 50% or more of their time in research yet are not currently ATS members. The PBTS WG hopes to use the survey data to understand how the ATS and PBTS WG can be best equipped to address their needs.

4. Equity and ATS Opportunities. Under the co-leadership of Carolyn Cannon, M.D., Ph.D. (Assembly on PI-TB) and Melissa Valerio-Shewmaker, M.D., M.P.H. (Assembly on BSHSR), among several focuses, the Equity and ATS Opportunities subcommittee is working on emphasizing a parity in the fee structure for Ph.D. scientists at the conference. This subcommittee has also worked with the ATS Health Equity and Diversity Committee to help promote diversity.

5. Assembly Project. On behalf of the PBTS WG, Bethany Moore, Ph.D., ATSF spearheaded the development and submission of an Assembly Project through the Assembly on RSF entitled "Ph.D.s in Clinical Departments: Barriers, Opportunities and ATS Membership". This project addressed the perception that many Ph.D. scientists contribute to the mission of subspecialty clinical divisions within Departments of Medicine and of Pediatrics, yet barriers exist for them to attain tenure-track faculty status. By convening a virtual meeting in 2022 of Medical School Deans, Department Chairs, Division Directors, NIH Administrators, and Ph.D. scientists with a vested interest in adult and pediatric pulmonary, critical care, and sleep medicine, the organizers of this project hoped to demonstrate to Division Directors the importance of including Ph.D. scientists in their hiring plan and providing the necessary support for their ultimate success. A manuscript, currently in revision, detailing the contributions of Ph.D. scientists in clinical departments came out of this project's successful completion.

6. Brochure. Along with graphic designers at the ATS, a PBTS WG subcommittee headed by James Londino, Ph.D. (Assembly on RCMB) has put together a two-sided brochure highlighting the advantages of ATS membership for Ph.D. scientists. This brochure specifically targets Ph.D. scientists who attend the ATS International Conference but who are not currently ATS members. A hard copy of this brochure will be available at various locales at the 2023 ATS International Conference in Washington, D.C. In addition, an electronic version will be available online.

7. PBTS WG/Science and Innovation (SIC) Center Collaboration Events. On February 8, 2022, PBTS WG members, Natalie Bauer, Ph.D. (Assembly on PC) and Samantha Yeligar, M.S., Ph.D. (Assembly on PI-TB), co-chaired a networking event along with the SIC entitled "Successful Collaborations". At this event, two U.S. - and two European (U.K.)-based M.D. and Ph.D. scientific collaborators discussed how their professional scientific relationship evolved and became successful. Afterwards, participants went into separate breakout rooms for an in-depth discussion on the formation and endurance of these collaborations with either the U.S.- or European (U.K.)-based collaborators. The PBTS WG/SIC hope to provide more Ph.D.-centric events in the upcoming year. In addition, the PBTS WG co-hosted the Science and Innovation Center Ph.D. Reception at the 2022 ATS International Conference in San Francisco, CA.

8. Awards. A PBTS WG Awards subcommittee was established and is co-chaired by Karen Ridge, Ph.D. (Assembly on RCMB) and Anne-Karina Perl, Ph.D. (Assembly on RCMB). The purpose of this subcommittee is to identify and nominate worthy basic and translational scientists (i.e., Ph.D. scientists) for the annual Assembly- and

ATS-wide awards.

Finally, if you would like to become involved with the PBTS WG or have any issues you feel that WG could effectively address, please feel free to e-mail either Samantha Yeligar (samantha.yeligar@emory.edu) or James Londino (james.londino@osumc.edu).

Reception for PhDs & Other Basic Science Researchers

Sunday, May 21 from 3 p.m. - 5 p.m. The reception will be held in the Science and Innovation Center (SIC) at the Walter E. Washington Convention Center (Reception area in Hall D, Level 2). There will be food provided and activities during the event will include an opportunity to get to meet and network with other scientists, to engage with leaders from the ATS and assemblies and to provide feedback regarding activities or programs that ATS could offer to benefit the basic and translational science members, especially those who are not also clinicians.

Register Here: <https://conference.thoracic.org/program/events/reception-phd-other-basic-science-researchers.php>

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>.