

IN-PERSON AND VIRTUAL

THE 7TH ALFRED P. FISHMAN SYMPOSIUM

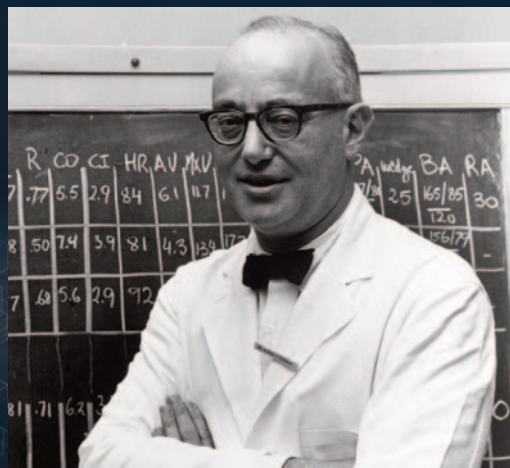
NEW SCIENTIFIC DISCOVERIES

AND IMPACT ON PATIENTS

WITH PULMONARY

HYPERTENSION OR

PULMONARY EMBOLISM



Friday–Saturday
April 11–12, 2025

In-Person Meeting Location

Arthur H. Rubenstein Auditorium at the
Smilow Center for Translational Research
3400 Civic Center Blvd.
Philadelphia, PA 19104

CME/CE-ACCREDITED CONFERENCE



This conference will be live streamed

<http://upenn.cloud-cme.com/Fishman2025>



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PROGRAM OVERVIEW & TARGET AUDIENCE

The Alfred P. Fishman Symposium will present cutting-edge topics pertinent to various types of pulmonary vascular disease. Major advances in research and understanding of the pathobiology and physiology in different types of pulmonary hypertension have translated into novel treatments for patients and a new way of looking at what constitutes successful treatment. Evolving treatment paradigms require a re-evaluation of clinical trial designs which are focused on patient well-being.

This activity has been designed for physicians, nurse practitioners, physician assistants, respiratory therapists, nurses, residents, fellows, and students who may encounter patients with pulmonary hypertension or pulmonary embolism in their practices.

LEARNING OBJECTIVES

Upon completion of this activity, physicians and health care providers will be able to:

- Review how recent scientific discoveries in pulmonary hypertension can directly translate to improved patient outcomes.
- Discuss the different types of pulmonary hypertension and the appropriate treatment.
- Describe the approach to risk stratification and choice of therapies or referral for lung transplantation.
- Review the new standard of care in treatment of pulmonary embolism and follow-up.
- Discuss novel and alternative approaches to studying treatments in patients with pulmonary hypertension.

HOSTING DEPARTMENT

The Alfred P. Fishman Symposium is hosted by the Pulmonary Hypertension/Pulmonary Vascular Disease Program in the Department of Medicine at Penn Medicine.

SERVICES FOR THE DISABLED If special arrangements are required for an individual with a disability to participate this meeting, please contact the Office of Continuing Medical and Interprofessional Education no later than April 4, 2025, at 215-898-6400.

NONDISCRIMINATION STATEMENT The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). www.upenn.edu/affirm-action.

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ACCREDITATION



In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

DESIGNATION OF CREDIT

Physicians: Penn Medicine designates this live activity for a maximum of 11.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



ABIM MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 11.25 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Nurses: This program provides 11.25 NCPD hours.

Physician Assistants: AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*[™] from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 11.25 Category 1 credits for completing this activity.

Credits Per Day

Friday: **7.0** Saturday: **4.25** **TOTAL: 11.25***

**Learners must attend both days to claim the maximum 11.25 credits.*

Certificates and Transcripts: After the conference has concluded, all participants will receive a follow-up email with a link and instructions on where to complete the post-test, evaluation and obtain their credits. After participants complete these elements, the credits will be available for viewing on your transcript or available for printing at <https://upenn.cloud-cme.com>. Please note that the individual certificate will not be mailed.



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LIVE AND VIRTUAL PRESENTATIONS

The Alfred P. Fishman Symposium will be held Friday-Saturday, April 11-12, 2025 by in-person or live-stream (virtual) attendance. The live and virtual presentations will follow the scheduled agenda in real time (EST).

IN-PERSON MEETING LOCATION

Arthur H. Rubenstein Auditorium at the Smilow Center for Translational Research
3400 Civic Center Blvd., Philadelphia, PA 19104

Directions & Parking:

The Arthur H. Rubenstein Auditorium at the Smilow Center for Translational Research is located on floor 1 of the Perelman Center for Academic Medicine, 3400 Civic Center Blvd. Philadelphia, PA. We strongly recommend you use GPS for exact directions to and from your starting point. Public transportation to and from campus is available. Please visit <http://www.upenn.edu/services/transportation> for options.

Monday-Friday parking is available at 3600 Civic Center Parking Garage. Parking is \$20 per day. This garage provides shuttle service to the Smilow Center. On Saturday, parking is available at the Penn Museum Parking Garage, 3220 South Street, Philadelphia, PA. Cost per day for this garage is \$22. Parking fees will not be validated or reimbursed. Both parking garages are within a 1-2 block walk to the Smilow Center.

Overnight Accommodation within Walking Distance:

The Study at University City Hotel
20 South 33rd Street, Philadelphia, PA 19104
215-387-1400

TO ATTEND BY LIVE-STREAM (VIRTUAL):

Attendees who are registered to attend virtually will receive an email that includes a link to join the symposium 48 hours in advance. All virtual attendees will be required to sign into the meeting using your first name, last name and email address in order to be marked as attended and receive credit, if applicable.



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REGISTRATION INFORMATION

Please register online at <https://upenn.cloud-cme.com/Fishman2025>.

Verified attendance includes access to view the presentations (videos and slides) online for one year. Pre-registration is required to attend. Walk-ins are discouraged. Please be sure to register in advance.

IN-PERSON REGISTRATION:

The fees to attend in-person are as follows: \$250 for physicians, \$350 for Industry attendees, \$125 for nurse practitioners, physician assistants and other healthcare professionals, \$100 for residents, fellows and students, and \$50 for Penn Medicine faculty, staff, residents, fellows, and students.

All preregistered in-person attendees will receive access to the symposium, the program handout, continental breakfast, lunch, and breaks. Attendees will be required to sign-in to be marked as attended, receive credit and view the recorded content.

LIVE-STREAM (VIRTUAL) REGISTRATION:

The fees to attend virtually are as follows: \$300 for physicians, \$400 for Industry attendees, \$175 for nurse practitioners, physician assistants and other healthcare professionals, \$150 for residents, fellows and students, and \$100 for Penn Medicine faculty, staff, residents, fellows, and students.

Attendees registered to attend virtually will receive an email that includes the link to join the symposium and the electronic program handout within 48 hours of the symposium. Virtual attendees will be required to sign onto the Live Stream broadcast using their first name, last name and email address to be marked as attended, receive credit and view the recorded content.

*Penn Medicine staff must register using a Penn Medicine email address to receive the discounted registration fee.

Need to Register by Mail?

Please note: mailed registrations may take more than 5-10 business days before they are received because we continue to experience longer delays in receiving mail. We encourage all attendees to register online. See the registration form for mailing instructions. All registrations will be confirmed by email as long as your registration is received before April 7, 2025.

BE SURE TO CHECK YOUR SPAM BOX FOR EMAILS REGARDING THIS CONFERENCE.

CANCELLATION POLICY

In order to process refunds for course withdrawals, cancellations must be received in writing by April 4, 2025 (subject to a service charge equivalent to 10% of the registration fee, but no less than \$25.00). No refunds will be issued thereafter.

The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.



IN-PERSON AND VIRTUAL THE 7TH ALFRED P. FISHMAN SYMPOSIUM

FACULTY

COURSE DIRECTOR

Steven M. Kawut, MD, MS

Professor of Medicine and Epidemiology
Director, Pulmonary Hypertension/Pulmonary Vascular Disease Program
Penn Medicine
Philadelphia, PA

NURSE PLANNER

Christine Archer-Chicko, CRNP, MSN

Nurse Practitioner (NP)
Penn Medicine
Philadelphia, PA

SPEAKERS

Hilary DuBrock, MD, MS

Associate Professor of Medicine
Mayo Clinic
Rochester, MN

Alex Fanaroff, MD

Assistant Professor of Medicine
Penn Medicine
Philadelphia, PA

Lauren M. Glassmoyer, MD, FACC, FSCAI

Assistant Professor of Clinical Medicine
Penn Medicine
Philadelphia, PA

Mardi Gomberg-Maitland, MD, MSc

Professor of Medicine
Director, Pulmonary Hypertension Program
The George Washington University
Washington, DC

Carin Gonsalves, MD

Professor
Co-Director, Division of Interventional Radiology
Jefferson Health
Philadelphia, PA

John T. Granton, BSc, MD, FRCPC

Professor of Medicine
Director, Pulmonary Hypertension Program
University of Toronto
ON, Canada

Daniel C. Grinnan, MD

Associate Professor of Medicine
Virginia Commonwealth University
School of Medicine
Richmond, VA

Bradley A. Maron, MD

Director, Pulmonary Hypertension Program
Co-Director, University of Maryland-Institute for Health Computing (UM-IHC)
Director of Scientific Operations, UM-IHC
Senior Associate Dean for Precision Medicine
University of Maryland School of Medicine
Baltimore, MD

Stephen Mathai, MD, MHS

Associate Professor of Medicine
Co-Director, Ann Dana Kusch Multidisciplinary Program for Interstitial Lung Disease and Pulmonary Hypertension Research
Johns Hopkins University School of Medicine
Baltimore, MD

Vallerie McLaughlin, MD

Kim A Eagle M.D. Endowed Professor of Cardiovascular Medicine
Professor of Internal Medicine, Medical School
University of Michigan
Ann Arbor, MI

Jasleen Minhas, MD

Assistant Professor of Medicine
Penn Medicine
Philadelphia, PA



IN-PERSON AND VIRTUAL THE 7TH ALFRED P. FISHMAN SYMPOSIUM

FACULTY

SPEAKERS (CONTINUED)

Steven D. Nathan, MD, FCCP

Professor of Medicine
University of Virginia
Richmond, VA
Medical Director, Advanced Lung Disease Program
and Lung Transplant Program
Inova Fairfax Hospital
Falls Church, VA

Estefania Oliveros, MD, MSc

Assistant Professor, Medicine
Director of Research, Pulmonary Hypertension,
Right Heart Failure & CTEPH/PTE Program
Lewis Katz School of Medicine at Temple University
Philadelphia, PA

Kurt Prins, MD, PhD

Associate Professor of Medicine
University of Minnesota School of Medicine
Minneapolis, MN

Corey E. Ventetuolo, MD, MS

Associate Professor of Medicine
Associate Director, RI Pulmonary
Hypertension Center
Brown University
East Providence, RI

Jason Weatherald, MD, MSc, FRCPC

Associate Professor
Faculty of Medicine & Dentistry
University of Alberta
Edmonton, AB, Canada

Alison Witkin, MD

Associate Program Director
Assistant Professor of Medicine
MGH-BIDMC Harvard
Boston, MA

Paul B. Yu, MD, PhD

Associate Professor of Medicine
Director, Cardiovascular Research Center
Cardiology Division
Harvard Medical School
Boston, MA



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FACULTY

PENN MEDICINE MODERATORS

Unless otherwise noted, speakers are members of the University of Pennsylvania Health System and/or Penn Medicine, Philadelphia PA.

Jason S. Fritz, MD

Associate Professor of Clinical Medicine

Jennifer L Keen, MD

Assistant Professor of Clinical Medicine

Marwa Oudah, MD

Pulmonary Hypertension Fellow

Harold I. Palevsky, MD

Professor of Medicine

Chief, Pulmonary, Allergy and Critical Care

Penn Presbyterian Medical Center

Medical Director, Pulmonary Vascular

Disease Program

Steven C. Pugliese, MD

Assistant Professor of Clinical Medicine

Director, Pulmonary Embolism

Response Team

Co-director, Comprehensive

Pulmonary Embolism Program

K. Akaya Smith, MD

Associate Professor of Clinical Medicine

Clinical Director, Pulmonary Hypertension/

Pulmonary Vascular Disease Program

DISCLOSURES

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the *ACCME Standards for Integrity and Independence in Accredited Continuing Education*.

Faculty disclosure information will be made available in the conference materials and syllabi.

Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of products or devices within their presentations.

AGENDA

FRIDAY, APRIL 11, 2025

- 7:00 AM – 7:45 AM **In-person Attendee Sign-in and Continental Breakfast**
- 7:30 AM – 7:45 AM **Virtual Attendee Sign-in**
- 7:45 AM – 8:00 AM **Welcome & Introduction**
Steven M. Kawut, MD, MS
- 8:00 AM – 8:30 AM **People Living with Pulmonary Arterial Hypertension – In Their Own Words**
Moderators: Christine Archer-Chicko, CRNP, MSN and Tina Walker, CRNP
TBD

Moderators: Jason S. Fritz, MD and Jennifer L. Keen, MD

- 8:30 AM – 9:00 AM **Slow Metabolism: The Right Ventricle in Pulmonary Hypertension**
Kurt Prins, MD, PhD
- 9:00 AM – 9:30 AM **The Science Leading to Sotatercept and Beyond**
Paul B. Yu, MD, PhD
- 9:30 AM – 10:00 AM **Sex Healing in PAH**
Corey E. Ventetuolo, MD, MS
- 10:00 AM – 10:15 AM Break

Moderators: Jasleen Minhas, MD and Harold I. Palevsky, MD

- 10:15 AM – 10:45 AM **Talking to People who (may) Have a New Diagnosis of Pulmonary Hypertension**
Daniel C. Grinnan, MD
- 10:45 AM – 11:15 AM **Magic 8-Ball Says the Patient Has HFpEF PH or Network Medicine**
Bradley A. Maron, MD
- 11:15 AM – 11:45 AM **Connect the Tissue Disease Dots in Pulmonary Hypertension**
Stephen Mathai, MD, MHS
- 11:45 AM – 1:00 PM Lunch

Moderators: Marwa Oudah, MD and K. Akaya Smith, MD

- 1:00 PM – 1:30 PM **WSPH Treatment Algo in Pulmonary Hypertension**
Hilary DuBrock, MD, MS
- 1:30 PM – 2:00 PM **The Hospitalized patient with PAH**
Estafania Oliveros, MD
- 2:00 PM – 2:30 PM **Treatment of ILD-PH – When to Hold ‘em and When to Fold ‘em**
Steven Nathan, MD
- 2:30 PM – 2:45 PM Break



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AGENDA

FRIDAY, APRIL 11, 2025 *(continued)*

Moderators: Steven C. Pugliese, MD and Hari Shankar, MD

- 2:45 PM – 3:15 PM **To Transplant, or not to Transplant**
John Granton, MD, FRCPC
- 3:15 PM – 4:00 PM **PE(nn) Wars: Systemic 'lytics vs. Cather-based Therapy**
Alison Witkin, MD and Carin Gonsalves, MD
- 4:00 PM – 4:30 PM **Looking for an Opening: Balloon Pulmonary Angioplasty**
Lauren M. Glassmoyer, MD, FACC, FSCAI
- 4:30 PM **Adjourn**

SATURDAY, APRIL 12, 2025

Re-imagining Clinical Trials in Pulmonary Hypertension

- 8:00 AM – 8:20 AM **In-person Sign-in & Continental Breakfast**
- 8:20 AM – 8:30 AM **Welcome & Introduction**
Steven M. Kawut, MD, MS
- 8:30 AM – 9:00 AM **Clinical Research Participant – What do I Want from PH Studies/Therapies?**
Patient - TBD
- 9:00 AM – 9:30 AM **Recruiting Minority Members into PH Clinical Trials – Why and How?**
Alex Fanaroff, MD
- 9:30 AM – 10:00 AM **Minimizing Health Care/Research Contact Days:
No Place Like Home**
TBD
- 10:00 AM – 10:30 AM **Digital Health in Clinical Trials**
Jasleen Minhas, MD, MS
- 10:30 AM – 10:45 AM Break
- 10:45 AM – 11:15 AM **Comorbidities, Inclusion Criteria, and Treatment Effects – More or Less**
Vallerie McLaughlin, MD
- 11:15 AM – 11:45 AM **Data and Safety Monitoring in Clinical Trials**
Mardi Gomberg-Maitland, MD, MSc
- 11:45 AM – 12:15 PM **What's the (End) Point?**
Jason Weatherald, MD, MSc, FRCPC
- 12:15 PM Pick up Boxed Lunch
Adjournment

*Five to ten minutes of Q&A is allotted at the end of each presentation.

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NEW SCIENTIFIC DISCOVERIES AND IMPACT ON PATIENTS WITH
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FRIDAY – SATURDAY
APRIL 11–12, 2025

We strongly encourage you to register for this conference online by check or credit card at
<http://upenn.cloud-cme.com/Fishman2025>

Questions? Contact us at:

penncme@penmedicine.upenn.edu • Phone: 215-898-6400 or 215-898-8005

Please note: we are unable to accept faxed registration forms.

Please print or type

Name (First)	(Last)	
Academic Degree		
Medical Specialty		
Affiliation (Hospital, Office, or Company)		
Address (<input type="checkbox"/> Affiliation or <input type="checkbox"/> Home)		
City	State	Zip
Phone	Fax	
E-mail		

REGISTRATION FEES

(pre-payment is required to be officially registered)

IN-PERSON ATTENDANCE:

DAYS ATTENDING Friday Saturday

- \$250 for physicians
- \$350 for Industry attendees
- \$125 for nurse practitioners, physician assistants and other healthcare professionals
- \$100 for residents, fellows and students
- \$50 for Penn Medicine faculty, staff, residents, fellows, and students

LIVE-STREAM (VIRTUAL) ATTENDANCE:

DAYS ATTENDING Friday Saturday

- \$300 for physicians
- \$400 for Industry attendees
- \$175 for nurse practitioners, physician assistants and other healthcare professionals
- \$150 for residents, fellows and students
- \$100 for Penn Medicine faculty, staff, residents, fellows, and students

PAYMENT METHOD

- If you are paying by check or credit card, please register online at
<http://upenn.cloud-cme.com/Fishman2025>
- If you are paying by check, you may mail your completed registration form and check made payable to **The Trustees of the University of Pennsylvania/CME** to:
 Conference Manager
 Office of Continuing Medical & Interprofessional Education
 Academic Programs, Penn Medicine, JMEC, SPE, 6th floor
 3400 Civic Center Blvd, Bldg. 421, Philadelphia, PA 19104-5162
- Do not include any credit card information on the registration form or share via email.