

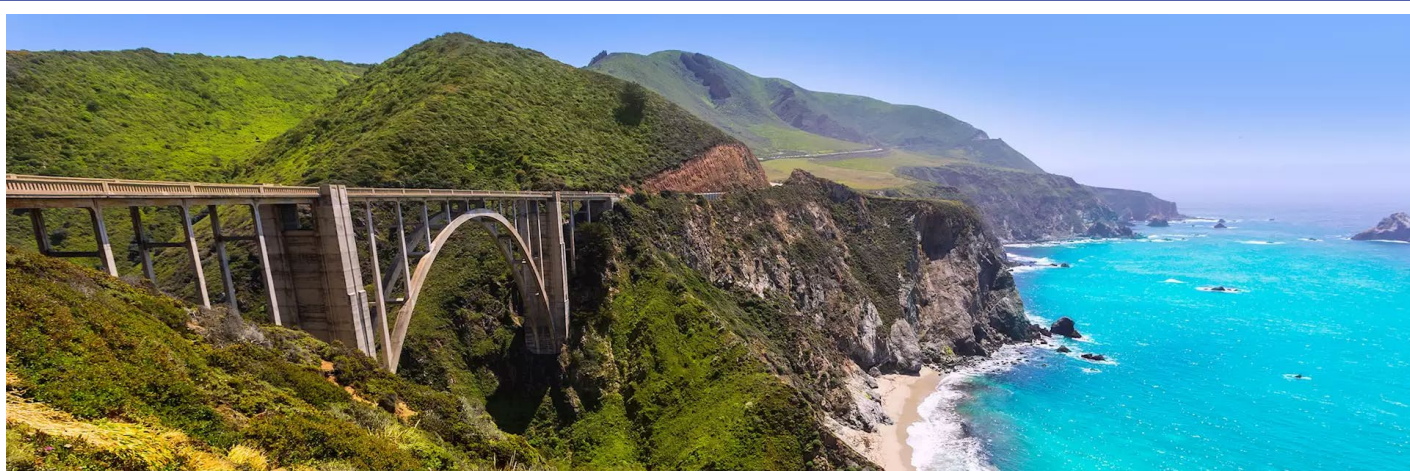
California Thoracic Society Annual Educational Conference

Pulmonary Physiology • Ventilator Management
Infectious Lung Diseases • Critical Care
Pulmonary Emboli • Hot Topics in Pulmonary

Thursday January 12, 2023 - Sunday January 15, 2023

Jointly Provided by:

The American Thoracic Society and the California Thoracic Society



Earn up to 13.25 CME Credits

6.75 Credits Available Friday/6.5 Credits Available Saturday

A Comprehensive Two Day Program For Pulmonologists, Critical Care Physicians, Internal Medicine Physicians, Hospitalists, Radiologists, Sleep Specialists, In-Training Fellows and Residents, Nurse Practitioners, Physician Assistants, Registered Nurses, Respiratory Therapists, Sleep Technologists, Pharmacists, and other healthcare professionals in the field of Pulmonary, Critical Care, and Sleep Medicine



PORTOLA HOTEL & SPA
AT MONTEREY BAY



California
Thoracic Society
ATS Chapter

Register Today

Accredited Continuing Education Statements

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) and is jointly provided by the American Thoracic Society (ATS) and California Thoracic Society (CTS).

The ATS is accredited by the ACCME to provide continuing medical education for physicians.
The ATS designates this live activity for a maximum of 13.25 AMA PRA Category 1 Credit(s)™.

Physicians should only claim credits commensurate with the extent of their participation in the activity.
Note: 6.75 CME credits available for Friday; 6.5 CME credits available for Saturday.

The California Thoracic Society is approved by the California Board of Registered Nursing
Provider #CEP599 for a total of 13.25 contact hours.

The course meets the requirements for CE for RCPs in California and is provided in cooperation with the California Society for Respiratory Care.

Course Information

Activity Summary

This conference brings together regional and national experts to discuss the latest advances in Pulmonary, Critical Care, and Sleep Medicine.

Friday first addresses pulmonary physiology, including cardiopulmonary exercise testing, pulmonary function testing, and pediatric physiology. Next, we review ventilator management, including waveform interpretation, home ventilation, and insurance/DME issues. Finally, we review infectious diseases, including fungal infections, nontuberculous mycobacteria, and long COVID.

Saturday begins with updates on critical care, with a focus on palliative care, ethics, rehabilitation, nutrition, and sleep. Next, we discuss pulmonary embolism, including creation of a pulmonary embolism response team, interventional treatments, and chronic thromboembolic disease. Finally, we conclude with hot topics in pulmonary/critical care medicine, including expanded use of antifibrotics, biologics for asthma, and targeted cystic fibrosis therapies.

Target Audience

The program is designed for Pulmonologists, Critical Care Physicians, Internal Medicine Physicians, Hospitalists, Radiologists, Sleep Specialists, In-Training Fellows and Residents, Nurse Practitioners, Physician Assistants, Registered Nurses, Respiratory Therapists, Sleep Technologists, Pharmacists, and other healthcare professionals in the field of Pulmonary, Critical Care, and Sleep Medicine

Educational Objectives

- Describe current applications of cardiopulmonary exercise testing to clinical assessment and management of patients, and recognize the limitations of pulmonary function testing in evaluation of small airways disease
- Recognize the challenges of implementing and managing home ventilation, including indications, technical aspects, longitudinal assessment, and navigating insurance and durable medical equipment companies
- Identify appropriate diagnostic and therapeutic approaches for respiratory fungal and nontuberculous mycobacterial infections, as well as long COVID
- Describe the impact of palliative care, ethics, rehabilitation, nutrition, and sleep on the critically ill patient
- Implement strategies for treatment of pulmonary embolism, including creation of a pulmonary embolism response team and advanced interventional therapies
- Apply evidence based treatments for interstitial lung disease with expanded use of antifibrotics, asthma with biologic therapies, and cystic fibrosis with targeted therapies



California

Friday January 13, 2023

Pulmonary Physiology

8:00 am – 8:45 am - Keynote - The New Frontier of Cardiopulmonary Exercise Testing

- William Stringer MD (Harbor-UCLA)

8:45 am – 9:15 am - Impact of Race on Interpretation of Spirometry

- Aaron Baugh MD (UC San Francisco)

9:15 am – 9:30 am Break

9:30 am – 10:00 am - Beyond PFT: Oscillometry for the Diagnosis of Small Airways Disease

- Cathy Sassoon MD (UC Irvine)

10:00 am – 10:30 am - Crash Course on Pediatric Pulmonary Physiology for the Adult Provider

- Sumit Bhargava MD (Stanford)

10:30 am – 10:40 am Question and Answer

10:40 am – 11:00 am Break

Ventilator Management

11:00 am – 11:30 am - What Do Those Lines Mean? Troubleshooting the Ventilator Waveform

- Justin Phillips RRT (UC San Francisco)

11:30 am – 12:00 pm - Outside the ICU - Home Non-Invasive and Invasive Device Management

- Jeremy Orr MD (UC San Diego)

12:00 pm – 12:30 pm - Denied Again - Navigating Approval from Insurance Companies and DME Barriers for Oxygen Delivery and Home Ventilation

- Krystal Craddock RRT (UC Davis)

12:30 pm – 12:40 pm Question and Answer

12:40 pm – 1:40 pm Lunch

Hands-On Session

1:40 pm – 2:40 pm

- **Remote Spirometry** - Anna Breiburg, DNP APRN (VA Palo Alto)

- **CPET Bike Equipment and Interpretation** - William Stringer MD (Harbor-UCLA)

- **Secretion Clearance 1** - Meghan Marmor MD (Stanford)

- **Secretion Clearance 2** - Justin Phillips RRT (UC San Francisco)

2:40 pm – 3:00 pm Break

Infectious Diseases

3:00 pm – 3:30 pm - Infectious Diseases are Fun-gi: Update on Fungal Lung Disease and Coccidioidomycosis

- George Thompson MD (UC Davis)

3:30 pm – 4:00 pm - Do You Know Lady Windermere? Update on NTM Guidelines and Airway Clearance

- Shoshana Zha MD PhD (UC San Francisco)

4:00 pm – 4:30 pm - Long COVID is No Joke: Multidisciplinary Approach to Management of Long COVID

- Nisha Viswanathan, MD (UC Los Angeles)

4:30 pm – 4:40 pm Question and Answer

4:40 pm – 5:10 pm Break

Non-CME

5:10 pm – 6:00 pm Well-Being in Pulmonary, Critical Care, and Sleep Medicine (NON-CME)

Ni-Cheng Liang, MD (Scripps Health)

6:00 pm – 7:00 pm Women in Pulmonary, Critical Care, and Sleep Medicine (NON-CME)

Angela Wang, MD (UCSD)



California

Saturday January 14, 2023

Update on Critical Care

8:00 am – 8:45 am - Keynote - Palliative Care and Ethics in the Intensive Care Unit

- David Chooljian, MD (Loma Linda)

8:45 am – 9:15 am - Rehab and Nutrition in the Intensive Care Unit

- Isabel Pedraza MD (Cedars-Sinai)

9:15 am – 9:45 am - Alarm Fatigue: Sleep in the Intensive Care Unit

- Shazia Jamil MD (Scripps/UC San Diego)

9:45am – 9:55 am Question and Answer

9:55 am – 10:20 am Break

Pulmonary Embolism

10:20 am – 10:50 am - Creating a Pulmonary Embolism Response Team

- Janine Vintch MD & Srikanth Reddi, MD (Harbor-UCLA)

10:50 am – 11:20 am - Interventional Modalities for Acute Pulmonary Embolism

- John Moriarty MD (UC Los Angeles)

11:20 am-11:50 am - The Current State of CTED/CTEPH and the Post Pulmonary Embolism Syndrome

- Richard Channick MD (UC Los Angeles)

11:50 am – 12:00 pm - Pro: Catheter Directed Therapy Should be Used for Intermediate High Risk PE

- John Moriarty MD (UC Los Angeles)

12:00 pm – 12:10 pm - Con: Catheter Directed Therapy Should Not be Used for Intermediate High Risk PE

- Richard Channick MD (UC Los Angeles)

12:10 pm – 12:20 pm Question and Answer

12:20 pm – 1:30 pm Lunch

Hands-On Session

1:30 pm – 2:30 pm

- **New Generation PAP Devices for OSA** - Chirag Pandya MD (Stanford)

- **Home Ventilators and Mouthpiece Ventilation** - Michelle Cao, DO (Stanford) and Christal Hawkins RRT (UC San Diego)

- **Oxygen Delivery** - Chris Garvey FNP MSN (UC San Francisco) & Krystal Craddock RRT (UC Davis)

- **Ventilator Waveforms** - Brooks Kuhn MD (UC Davis)

2:30 pm – 3:00 pm Break

Hot topics in Pulmonary: From One Size Fits All to Targeted Therapy

3:00 pm – 3:30 pm - Update on Antifibrotics for Interstitial Lung Disease

- Brett Ley, MD (Kaiser San Francisco)

3:30 pm – 4:00 pm - Update on Biologic Therapy for Asthma

- Lauren Eggert MD (Stanford)

4:00 pm – 4:30 pm - Update on targeted therapy for cystic fibrosis

- Andrea Glassberg MD (Kaiser Sacramento) & Alica Mirza, MD (Kaiser Oakland)

4:30 pm – 4:40 pm Question and Answer

4:40 pm – 5:10 pm Break

Non-CME

5:10 pm – 7:00 pm Poster Session



California



Non-CME Events

Thursday January 12, 2022

7:00 pm – 8:30 pm -Meet and Greet Reception - (Sponsor TBD)

Friday January 13, 2022

7:00 am – 7:45 am Non-CME Breakfast (Sponsor and topic TBD)

5:10 pm – 6:00 pm Well-Being in Pulmonary, Critical Care, and Sleep Medicine

Ni-Cheng Liang, MD (Scripps Health)

6:00 pm – 7:00 pm Women in Pulmonary, Critical Care, and Sleep Medicine (Sponsor TBD)

Angela Wang, MD (UCSD)

Saturday January 14, 2022

7:00 am – 7:45 am Non-CME Breakfast (Sponsor and topic TBD)

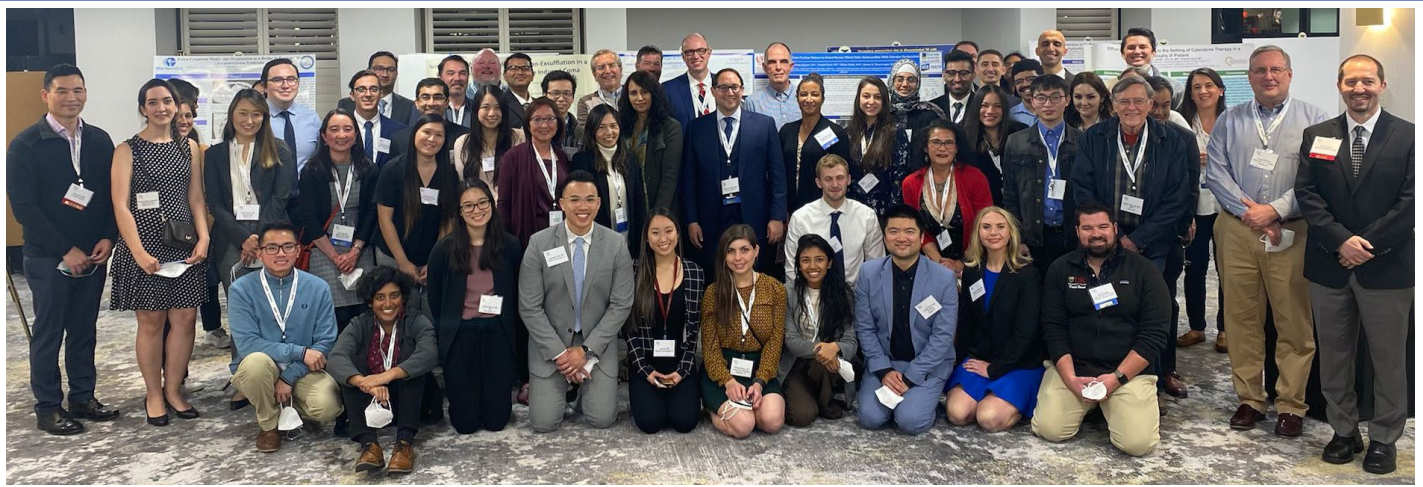
5:10 pm – 7:00 pm Fellows/Multidisciplinary Poster Session

Sunday January 15, 2022

8:30 am – 9:30 am Non-CME Breakfast (Sponsor and topic TBD)



California



Fellow/Multidisciplinary Poster Competition

Competition information

The California Thoracic Society (CTS) poster competition is open to all trainees and early career professionals, including residents, fellows, nurses/NPs, and respiratory therapists who reside in the state of California. We are calling for both scientific research abstracts and case reports pertaining to pulmonary medicine, thoracic imaging, thoracic surgery, critical care, or sleep medicine. If you have a great case or research abstract you are submitting to ATS, please feel free to submit your abstract to the CTS poster competition- you can present the same case/research at both conferences.

Please submit your abstract or case report by December 15, 2022 at 5:00 pm PDT by completing the on-line Submission Form. Accepted abstracts will be notified after December 30, 2022.

Industry posters are allowed for an additional sponsorship fee - They will not participate in the competition and will not get the abstract registration discount.

Submission link

<https://calthoracic.org/2023-poster-abstract-submission/>

Awards

President's Award - Best Overall Abstract
Outstanding Research Abstract
Outstanding Critical Care Case Report
Outstanding Pulmonary Case Report

Poster Information

- Recommended Size: 48"w x 36"h (122cm w x 91cm h) - You can use the same poster for CTS and ATS
- Please plan to hang your poster up by 4:30 on Saturday January 14, 2023
- Location is in the Portola Room (in the lobby) of the Portola Hotel and Spa
- All presenters must be registered for the conference and trainee presenters receive discounted registration
- We will provide tape to affix your posters to the poster boards

Registration

Abstract presenters are required to register for the main conference and are encouraged to attend. Presenters will be given a discounted registration fee of \$65, which covers the entire conference.



California

Faculty

William Stringer, MD (Harbor-UCLA)
Sumit Bhargava, MD (Stanford)
Justin Phillips, RRT (UC San Francisco)
Jeremy Orr, MD (UC San Diego)
Krystal Craddock, RRT (UC Davis)
Meghan Marmor, MD (Stanford)
Shoshana Zha, MD PhD (UC San Francisco)
Isabel Pedraza, MD (Cedars-Sinai)
Shazia Jamil, MD (Scripps Health)
Janine Vintch, MD (Harbor-UCLA)
Srikanth Reddi, MD (Harbor-UCLA)
John Moriarty, MD (UC Los Angeles)
Richard Channick, MD (UC Los Angeles)
Chirag Pandya, MD (Stanford)
Chris Garvey, FNP MSN (UC San Francisco)
Brooks Kuhn, MD MAS (UC Davis)
Aaron Baugh, MD (UC San Francisco)
Catherine Sassoon, MD (UC Irvine)
George Thompson, MD (UC Davis)
Lauren Eggert, MD (Stanford)
Anna Breiburg, DNP APRN (VA Palo Alto)
Nisha Viswanathan, MD (UC Los Angeles)
Christal Hawkins, RRT (UC San Diego)
Brett Ley, MD (Kaiser San Francisco)
Andrea Glassberg, MD (Kaiser Sacramento)
Alicia Mirza, MD (Kaiser Oakland)
Michelle Cao, DO (Stanford)
David Chooljian, MD (Loma Linda)

Planning Committee

Conference Chairs

Gaurav Singh, MD (Palo Alto VA/Stanford)
Nicholas Kolaitis, MD MAS (UC San Francisco)

Committee

Shazia Jamil, MD (Scripps Clinic)
Jessica Goggin PhD, MAS, RN (UC San Diego)
Krystal Craddock, MSRC, RRT (UC Davis)
Huawei (Katie) Dong, MD (UC Irvine)
Tyronda Elliot, MD (Highland Hospital)
Yu Kuang (Julie) Lai, MD (Stanford University)
May Lee, MD (USC)
Brett Ley, MD (Kaiser San Francisco)
Brandon Nokes, MD (UC San Diego)
Justin Phillips, RRT (ZSFG/UC San Francisco)
Kristin Schwab, MD (UC Los Angeles)
Nicholas Stollenwerk, MD (UC Davis)
Janine Vintch, MD (Harbor-UCLA)
Angela Wang, MD (UC San Diego)



Hotel Accommodations

The California Thoracic Society has secured a limited number of rooms at the Portola Hotel & Spa:

Portola Hotel & Spa
Two Portola Plaza
Monterey, CA 93940

For check-in on Thursday January 12, 2023 and check-out on Sunday January 15, 2023 the room rate is \$235.00 per night plus taxes. This rate expires Friday, December 30, 2022.

Click on the following link to make your room reservations:
<https://book.paskey.com/go/CTSCConf2023>

If you prefer to call the Portola Hotel, dial 1-866-711-1734.

Mention that you are attending the California Thoracic Society Conference to get the group rate.



California

COVID-19 Precautions

To ensure the highest level of safety, and in keeping with American Thoracic Society meeting policies, the California Thoracic Society is requiring masking while in the meeting. This will be required of all attendees, including registrants, exhibitors, and vendors.

No exemptions from these policies will be allowed. The policies are subject to change. Check the CTS website (<https://calthoracic.org>) for the most updated information.



Job Board

Are you looking for a job in the field of Pulmonary, Critical Care, or Sleep Medicine?
Are you looking to hire someone for your open position?

Check out the California Thoracic Society Job Board.

<https://jobboard.calthoracic.org/>

Posting on the CTS Job Board and adding the National Healthcare Career Network Posting will post your job to CTS, ATS, and many other professional societies.



California

Become a Member

CTS membership is open to anyone interested in lung health: MDs, DOs, PhDs, RNs with advanced training, RCPs, CPTs, RPTs, PFTs, RPSGTs, and AE-Cs. Join today (<https://calthoracic.org/active-membership-sign-up/>).

Individual Memberships

Individual Membership - \$135

Small Group Membership (Up to 5 physicians) - \$350

Associate Membership (Health Care Professionals in training, fellows, interns, residents) - \$75

Emeritus Membership (Age of 70+ and retired) - \$50

Institutional Memberships

Platinum Plus - \$5000 - Unlimited Memberships for Faculty/Attending Physicians, Program Directors, associates and trainees. Includes SIX registrations for the 2023 in-person Annual Conference. Includes 50% off registration for the 2023 in-person Annual Conference for all trainees.

Platinum - \$2500 - Up to 15 individual Memberships for Faculty/Attending Physicians, Program Directors and associates. Unlimited memberships for trainees. Includes THREE registrations for the 2023 in-person Annual Conference. Includes 50% off registration for the 2023 in-person Annual Conference for all trainees.

Physician Group Practice Level - \$495 - Up to 6 individuals. (additional individuals at prorated rate)

Thank You to our Institutional Members



UC San Diego

UC DAVIS
UNIVERSITY OF CALIFORNIA



LOMA LINDA
UNIVERSITY

UCSF Fresno



California

Three Ways to Register

1. **On-Line:** <https://calthoracic.org> (Visa/MC/AMEX)
2. **By FAX:** 415-689-9027 (Visa/MC/AMEX)
3. **By Mail:** CTS, 18 Bartol Street # 1054, San Francisco, CA 94133(Check/Visa/MC/AMEX)

Pricing

 California Thoracic Society ATS Chapter		2 Day Registration		1 day Registration	
		Early Bird	Late Registration	Early Bird	Late Registration
Physician	CTS Member	\$350	\$395	\$195	\$225
	Non-Member	\$520	\$565	\$365	\$395
Non-Physician	CTS Member	\$195	\$240	\$125	\$155
	Non-Member	\$365	\$410	\$295	\$325
In Training	CTS Member/from an Institutional Member	\$65	\$75	\$65	\$75
	Non-Member	\$130	\$150	\$130	\$150
Poster Session Discount	Abstract Presenter	\$65	\$65	\$65	\$65

Registration Form

Registration Fees - Register by 12/15/2022 to lock-in early-bird rates!

Name: _____
 Degree: _____
 Title: _____
 Organization: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Cell: _____
 Email: _____

Please select the day(s) you plan to attend:

☐ Friday ☐ Saturday

***Required for each attendee**

Payment

☐ Check Enclosed (payable to California Thoracic Society)

Charge: ☐ Visa ☐ MasterCard ☐ AMEX

Card #: _____ Exp: _____ CCV: _____

Signature: _____

Cardholder Name (Please Print Clearly) _____

Billing address associated with card

Street: _____

City: _____ State: _____ Zip: _____

Register Today



California