

19th Charleston Pulmonary and Critical Care Symposium

March 27-29, 2009 • Wild Dunes Resort • Charleston, South Carolina



Sponsored by Division of Pulmonary, Critical Care, Allergy and Sleep Medicine
Office of Continuing Medical Education College of Medicine
Medical University of South Carolina

The Medical University of South Carolina is accredited
by the Accreditation Council for Continuing Medical Education
to provide continuing medical education for physicians.

Symposium Director

Steven A. Sahn, MD

Professor of Medicine and Director
Division of Pulmonary, Critical Care, Allergy and Sleep Medicine
Medical University of South Carolina, Charleston, South Carolina

Visiting Faculty

Robert Baughman, MD

Professor of Medicine
University of Cincinnati

Kevin K. Brown, MD

Vice Chairman, Department of Medicine
Director, Interstitial Lung Disease Program
National Jewish Health
Denver, Colorado

Fernando Martinez, MD

Professor, Department of Internal Medicine
Director, Pulmonary Diagnostic Services
University of Michigan
Ann Arbor, Michigan

Ganesh Raghu, MD

Professor of Medicine & Laboratory Medicine
Pulmonary and Critical Care Medicine
Director - Interstitial Lung Disease / Sarcoid /
Pulmonary Fibrosis Program
Medical Director, Lung Transplant Program

Ulrich Specks, MD

Professor of Medicine
Division of Pulmonary & Critical Care Medicine
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MEDICAL UNIVERSITY OF SOUTH CAROLINA FACULTY

DIVISION OF PULMONARY, CRITICAL CARE,
ALLERGY AND SLEEP MEDICINE

Alice M. Boylan, MD

Associate Professor of Medicine
Director, Medical Intensive Care Unit
Director, Respiratory Therapy

Peter Doelken, MD

Associate Professor of Medicine
Director, Interventional Pleural Service (MUSC)
Director of Sleep Laboratory
Ralph H. Johnson VA Medical Center

Patrick A. Flume, MD

Professor of Medicine
Director of Cardiopulmonary
Exercise Laboratory
Director, Adult Cystic Fibrosis Center

Dee W. Ford, MD

Assistant Professor of Medicine
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Michael D. Frye, MD

Associate Professor of Medicine
Chief, Pulmonary Section
Ralph H. Johnson VA Medical Center
Director of MUSC Sleep Center

Sandra Gilley, MD

Senior Fellow

Mark Goldblatt, DO

Senior Fellow

Mario Gomez, MD

Senior Fellow

Laura Herpel, MD

Assistant Professor of Medicine

J. Terrill Huggins, MD

Assistant Professor of Medicine

Marc A. Judson, MD

Professor of Medicine
Director, Sarcoidosis Clinic

Richard Ko, DO

Senior Fellow

Joseph E. Mazur, Pharm D

Clinical Specialist – MICU
Clinical Associate Professor
Department of Pharmacy Services

William Merrill, MD

Professor of Medicine
Chief of Medicine
Ralph H. Johnson VA Medical Center

David Pucci, DO

Senior Fellow

Stacey Vallejo, MD

Senior Fellow

Jessica Wang, MD

Senior Fellow

Disclosure

In accordance with the ACCME Essentials and Standards, anyone involved in planning or presenting this educational activity will be required to disclose any relevant financial relationships with commercial interests in the healthcare industry. This information will be made available to participants at the beginning of the activity. Speakers who incorporate information about off-label or investigational use of drugs or devices will be asked to disclose that information at the beginning of their presentation.

Course Description

The 19th Charleston Pulmonary and Critical Care symposium is designed to provide a clinical update in pulmonary and critical care medicine for the pulmonologist, critical care physician, internist, and thoracic surgeon. The three half-day course will emphasize a practical approach to patients using a pathophysiologic basis for a rational approach to therapy. All sessions will employ an interactive format that will allow the participant to assess his/her current knowledge base. A question and answer panel discussion will

follow the didactic presentations that will allow the course participants to elicit expert opinions. Five challenging cases will also be presented in an interactive format. The symposium will conclude with a session entitled "The Pulmonary 2-Minute Drill" that will not only provide an additional educational opportunity along with fun and prizes. Throughout the course the faculty will be available to discuss practical clinical issues on a one-on-one basis.

Course Objectives

At the conclusion of this symposium, participants should be able to:

- Describe the clinical presentation, diagnosis, and management of pulmonary sarcoidosis
- Describe the clinical features and management of patients with extrapulmonary sarcoidosis
- Discuss the diagnosis, pathogenesis, and clinical trials in idiopathic pulmonary fibrosis
- Describe the interstitial lung diseases associated with connective tissue disease
- Describe the diagnosis and management of patients with Wegener granulomatosis
- Discuss the presentation, diagnosis, and management of patients with hypersensitivity pneumonitis
- Discuss a rational approach for the diagnosis of a pleural effusion
- Describe the respiratory manifestations of amyloidosis
- Understand the drug interactions in patients with pulmonary disease
- Describe the drug reactions associated with treatment of chronic myelogenous leukemia
- Discuss the diagnosis and management of patients with exogenous lipoid pneumonia
- Discuss the ramifications of the large COPD trials
- Describe the diagnosis and management of patients with non-tuberculous mycobacteria
- Discuss the cardiovascular and cerebrovascular consequences of obstructive sleep apnea
- Describe the diagnosis and management of acute eosinophilic pneumonia
- Discuss the diagnosis and treatment of pulmonary nocardiosis
- Discuss the diagnosis and management of a mediastinal lymphocele
- Discuss the new issues in critical care medicine
- Understand the value of ultrasonography in pleural disease and in the intensive care unit
- Describe the use of positive airway pressure for the treatment of congestive heart failure
- Describe the approach to pain management and delirium in the ICU
- Discuss the respiratory manifestations of L-dopa
- Describe the management of patients with bronchopleural fistula on mechanical ventilation

Continuing Education Credit

Physicians The Medical University of South Carolina designates this educational activity for a maximum of 10.67 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Other Health Professionals The Medical University of South Carolina will award 1.067 CEUs (10.67 contact hours) for full time attendance. 1 contact hour equals .1 CEU)

Americans with Disabilities Act

It is the policy of the Medical University of South Carolina not to discriminate against any person on the basis of disabilities. If you feel you need services or the auxiliary aids mentioned in this act in order to fully participate in this continuing medical education activity, please call the Office of CME at (843) 876-1925 or attach a note to your registration.

19th Charleston Pulmonary and Critical Care Symposium Program Schedule

FRIDAY, MARCH 27, 2009

Title of Session: Interstitial Lung Disease Moderator: Marc Judson, MD

- 12:30 p.m. **Registration**
- 1:25 p.m. **Welcome and Introduction**
Steven A. Sahn, MD
- 1:30 p.m. **Pulmonary Sarcoidosis**
Robert Baughman, MD
- 2:00 p.m. **Extrapulmonary Sarcoidosis**
Marc Judson, MD
- 2:30 p.m. **Idiopathic Pulmonary Fibrosis**
Ganesh Raghu, MD
- 3:00 p.m. **Panel Discussion**
- 3:15 p.m. **Break**
- 3:35 p.m. **Interstitial Lung Disease Secondary to Collagen Vascular Disease**
Kevin Brown, MD
- 4:05 p.m. **Wegener Granulomatosis**
Ulrich Specks, MD
- 4:35 p.m. **Hypersensitivity Pneumonitis**
Fernando Martinez, MD
- 5:05 p.m. **Panel Discussion**
- 5:35 p.m. **Adjourn**

SATURDAY, MARCH 28, 2009

Title of Session: Pleural Disease, Amyloidosis, Drug Interactions & Case Presentations Moderator: Patrick A. Flume, MD

- 7:00 a.m. **Registration and Continental Breakfast**
- 7:25 a.m. **Welcome and Introduction**
Steven A. Sahn, MD
- 7:30 a.m. **Getting the Most from Pleural Fluid Analysis**
Steven A. Sahn, MD
- 8:00 a.m. **Respiratory Manifestations of Amyloidosis**
J. Terrill Huggins, MD
- 8:30 a.m. **Drug Interactions that Pulmonologists Should Know About**
Joseph F. Mazur, PharmD
- 9:00 a.m. **A 45-year-old Woman with CML and a Pleural Effusion**
Mark Goldblatt, DO
- 9:10 a.m. **A 68-year-old Woman with Asymptomatic Airspace Disease**
Richard Ko, DO
- 9:20 a.m. **Panel Discussion**
- 9:40 a.m. **BREAK**
- Title of Session: COPD Trials, Nontuberculous Mycobacteria,
Sleep Apnea & Case Presentations**
Moderator: Steven A. Sahn, MD
- 10:00 a.m. **Update on the COPD Trials**
William Merrill, MD
- 10:30 a.m. **Nontuberculous Mycobacteria**
Patrick A. Flume, MD

19th Charleston Pulmonary and Critical Care Symposium Program Schedule

SATURDAY, MARCH 28, 2009 Continued

- 11:00 a.m. Cardiovascular and Cerebrovascular Consequences of Sleep Apnea**
Laura B. Herpel, MD
- 11:30 a.m. A 34-year-old Woman with Pneumonia Resistant to Antibiotics**
Stacey Vallejo, MD
- 11:40 a.m. A 45-year-old Woman with Persistent Bronchitis**
Sandra Gilley, MD
- 11:50 a.m. A 79-year-old Woman with Right Paratracheal Lymphadenopathy**
Mario Gomez, MD
- 12:00 p.m. Panel Discussion**
- 12:20 p.m. Adjourn**

SUNDAY, MARCH 29, 2009

Title of Session: Critical Care, Ultrasound, CPAP & Case Reports
Moderator: Steven A. Sahn, MD

- 7:00 a.m. Registration and Continental Breakfast**
- 7:25 a.m. Welcome and Introduction**
Steven A. Sahn, MD
- 7:30 a.m. Hot Topics in Critical Care**
Alice M. Boylan, MD
- 8:00 a.m. Ultrasonography for Pulmonary and Critical Care Physicians: From the Procedure Suite to the Intensive Care Unit**
Peter Doelken, MD
- 8:30 a.m. Positive Airway Pressure for Treatment of CHF: What do we Know?**
Michael D. Frye, MD
- 9:00 a.m. Symptom Management in the ICU: Assessing and Managing Pain and Delirium**
Dee W. Ford, MD
- 9:30 a.m. An 84-year-old Woman with Tremor and Progressive Dyspnea**
David Pucci, DO
- 9:40 a.m. A 61-year-old Man with a Bronchopleural Fistula on Mechanical Ventilation**
Jessica Wang, MD
- 9:50 a.m. Panel Discussion**
- 10:05 a.m. 2 Minute Drill**
Marc A. Judson, MD
- 10:45 a.m. Conclusion**

Wild Dunes Resort

Wild Dunes Resort is located on the northern tip of the Isle of Palms, a barrier island that's just 30 minutes from the charm and grace of historic Charleston, SC. This 1,600 acre oceanfront paradise features award-winning golf, top ten tennis, a nationally known family recreation program, a spa and fitness center, great dining options, meeting facilities and over two miles of pristine beach.

Wild Dunes offers a wide choice of accommodations including the luxurious AAA Four Diamond Boardwalk Inn, our newest accommodation option, The Village at Wild Dunes® and spacious homes and villas.

Accommodations information

A block rooms has been reserved at the Wild Dunes Resort until February 22, 2009. To ensure a room at the established conference rate of \$189.00, call the resort toll free at 1-800-845-8880 by February 22, 2009. Identify yourself as a participant MUSC WASOG & Pulmonary Meeting. An amenity fee of \$9.00 per day will be applied to the daily rate for admission to the fitness center, access fees for local and toll-free long distance up to 30 minutes, on-property transportation, access to the business center, access to the Grand Pavilion Pools and access to the swim center. Reservations received after February 22, 2009 will be accommodated on a space and rate availability basis only. A deposit equal to one night stay is required to hold each reservation. The deposit is refundable if cancellation notice is received by the resort at least seven (7) days prior to arrival and a cancellation number is obtained.

Airport Transportation

Transportation from the Charleston International Airport to Wild Dunes can be arranged in advance by contacting Mt. Pleasant Shuttle directly at 866-223-7226 or by visiting their website at <http://www.mpshuttle.com/>.

Registration Fees

The fees for this symposium are:

Physicians in Practice	\$400
Physicians in training*	\$300
Nurses, Allied Health Professionals and Students	\$300

* A resident or fellow must send a letter from his/her program director to take advantage of the discounted fee when registering.

Registration fee includes continental breakfast, breaks, course syllabus and credit processing. Please make your check payable to the **MUSC - Office of CME.**

Mail with the symposium registration form included in this brochure to:

Office of CME, Medical University of South Carolina, 19 Hagood Avenue, Suite 1004
P.O. Box 250754, Charleston, SC 29425.

For more information call the Office of CME Toll free 1-866-637-6835 or 1-843-876-1925.

No pre-registrations will be accepted after March 23, 2009. After March 23, 2009, call the MUSC Office of CME at 843-876-1925 to see if space is still available. If space is still available, you must register onsite.

Cancellation Policy

A refund will be made upon written request prior to **February 22, 2009**; however, \$75 will be retained for administrative costs. No refunds will be made after **February 22, 2009**. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for cancelled programs. The Medical University of South Carolina cannot be responsible for reimbursement of airline or other transportation fares, hotel or rental car charges, including penalties.

WASOG Meeting

Prior to the start of the Pulmonary meeting, the 5th International WASOG Conference on Diffuse Lung Diseases will take place at Wild Dunes Resort. The dates are March 25-27, 2009. For more information, please visit the meeting's website at www.musc.edu/wasog2009. A discount will be offered for those attendees who attend both meetings.

REGISTRATION FORM

Please print clearly

**Nineteenth Charleston Pulmonary and Critical Care Symposium
Friday - Sunday, March 27-29, 2009
Wild Dunes Resort, Charleston, South Carolina**

NAME _____
(As you would like it printed on your name badge)

SS# Last four digits only _____ E-Mail _____

ADDRESS _____

CITY/STATE _____ ZIP _____

SPECIALTY _____ DEGREE _____

PHONE () _____ - _____ FAX () _____ - _____

I do **NOT** want my name included on a list of participants to be included in handouts at the conference.

Will you be registering to attend the 5th International WASOG Conference on Diffuse Lung Disease

PHYSICIANS IN PRACTICE _____ \$400

PHYSICIANS IN TRAINING _____ \$300

NURSES, ALLIED HEALTH
PROFESSIONALS AND STUDENTS _____ \$300

Make your check payable to: MUSC-Office of CME or you may charge your registration to:

Visa Master Card American Express

Exp. Date: ____/____/____ Signature: _____

Account Number: _____

Credit card registrations may be faxed to (843) 876-1931

Refunds for cancellation can be given if requested in writing before **February 22, 2009**.

A \$75.00 administrative fee will be withheld. No refunds will be made after **February 22, 2009**.

All cancellations must be in writing.

No pre-registrations will be accepted after March 23, 2009. After March 23, 2009, call the MUSC Office of CME at 843-876-1925 to see if space is still available. If space is still available, you must register onsite.