

# SASM



THE UNIVERSITY OF  
 CHICAGO  
BIOLOGICAL SCIENCES



Society of  
Anesthesia and  
Sleep Medicine

FRIDAY, OCTOBER 14, 2011 7:00am - 5:30pm

# OSA, Anesthesia and Sleep The Common Ground

Hilton Chicago | Chicago, IL

*Conference Directors:*

Frances Chung, MBBS  
*Professor, Department of Anesthesia  
University of Toronto*

Babak Mokhlesi, MD  
*Associate Professor of Medicine  
University of Chicago*

Register online at: <http://anesthesiaandsleep.org/>



## CONFERENCE DESCRIPTION

This conference, presented by The Society of Anesthesia and Sleep Medicine (SASM) and The University of Chicago, has been developed as an educational opportunity to present and discuss the basic and more controversial areas of sleep apnea and anesthesia.

The objective of this meeting is to provide a forum for discussions pertaining to the common grounds between obstructive sleep apnea, sleep and anesthesia. The goal is to promote excellence in medical care, research and education in anesthesia, sleep medicine, and perioperative medicine.

## LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:

- Review the shared pathogenetic mechanisms of increased upper airway collapsibility during anesthesia and sleep;
- Interpret the neurophysiological correlates of loss of consciousness, unconsciousness and recovery of consciousness under general anesthesia;
- Determine the perioperative management in adenotonsillectomy in a child with OSA;
- Formulate how to implement screening for OSA in a Preoperative Clinic;
- Analyze the evidence of postoperative complications of OSA patients in medical literature;
- Determine which postoperative patients with OSA need monitoring;
- Formulate algorithms for the perioperative management of OSA patients;
- Appraise the impact of sleep apnea and episodic hypoxemia on ventilatory control and hemodynamics;
- Review the influence of opioids, anesthetics and their interaction on the control of breathing;
- Determine that recognition and treatment of obesity hypoventilation syndrome in the perioperative period can potentially reduce complications;

Please join us for what promises to be an informative and thought-provoking conference!

## TARGET AUDIENCE

The target audience includes anesthesiologists, critical care physicians, residents, fellows-in-training, general medicine physicians, pulmonary physicians, sleep medicine physicians, surgeons, scientists and allied health care professionals.



## ACCREDITATION AND CREDIT DESIGNATION

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of The University of Chicago Pritzker School of Medicine and The Society of Anesthesia and Sleep Medicine. The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of **6 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses and other health professionals will receive a Certificate of Attendance. For information on applicability and acceptance, please consult your professional licensing board.

## EDUCATIONAL GRANTS/COMMERCIAL SUPPORT

A complete listing of commercial support received will be provided in the conference materials.

## CONFERENCE LOCATION

The conference will take place at the Hilton Chicago, Northwest 3, 4 & 5.

### Hilton Chicago

720 S. Michigan Avenue | Chicago, IL 60605 | Telephone: (312) 922-4400

For directions and additional information about Hilton Chicago, please visit:

[http://www1.hilton.com/en\\_US/hi/hotel/CHICHHH-Hilton-Chicago-Illinois/index.do](http://www1.hilton.com/en_US/hi/hotel/CHICHHH-Hilton-Chicago-Illinois/index.do)

The University of Chicago reserves the right to cancel or postpone this conference due to unforeseen circumstances. In the unlikely event this activity must be cancelled or postponed, the registration fee will be refunded; however, The University of Chicago is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

Chicago is truly a city with something for everyone! To help plan your stay in Chicago visit: [www.choosechicago.com](http://www.choosechicago.com)



## CONFERENCE CO-DIRECTORS

**Frances Chung, MBBS**  
*Professor, Department of Anesthesia  
Medical Director, Combined Surgical Unit  
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Toronto, Ontario, Canada*

**Babak Mokhlesi, MD**  
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## CONTINUING EDUCATION COMMITTEE

**Matthias Eikermann, MD, PhD**  
*Director of Research, Critical Care  
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**Yandong Jiang, MD**  
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## VISITING FACULTY

**Dennis Auckley, MD**  
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Case Western Reserve University  
Director, MetroHealth Center for  
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**Ralph Lydic, PhD**  
*Bert La Du Professor of Anesthesia and  
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Chicago, IL, USA*

**Emery N. Brown, MD, PhD**  
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Harvard Medical School and Massachusetts  
General Hospital  
Professor of Computational Neuroscience  
and Health Sciences and Technology,  
Massachusetts Institute of Technology  
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**Max B. Kelz, MD, PhD**  
*Assistant Professor  
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School of Medicine  
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**Sigrid Veasey, MD**  
*Associate Professor of Medicine  
Center for Sleep and Circadian  
Neurobiology  
University of Pennsylvania  
Philadelphia, PA, USA*

# SASM (SOCIETY OF ANESTHESIA AND SLEEP MEDICINE)

## Mission

The mission of SASM is to advance standards of care for clinical problems shared by Anesthesiology and Sleep Medicine, including peri-operative management of sleep disordered breathing, and to promote interdisciplinary communication, education and research in matters common to anesthesia and sleep.

## Benefits of Membership in SASM include:

- Reduced registration fees at SASM sponsored meetings
- SASM newsletter
- Full voting rights in electing SASM Board of Directors and SASM Officers
- Access to SASM directory of members
- Enhances your network of regional, national, and international colleagues
- Member directory allows identification of individuals with similar research interests
- Learn of collaborative research projects
- Educational material posted for members only.
- Gives a forum to evaluate and discuss the latest research, education, and clinical practices pertaining to OSA and patients with other sleep disordered breathing.
- Get advice and counsel from other members regarding various practice paradigms

## CLASSES OF MEMBERSHIP

<b>Founding Member:</b>	Please consider showing your support for the mission of SASM by joining during our first year as a "FOUNDING MEMBER: The Founding Members of SASM will be recognized as such on the SASM website and will receive special badges at SASM meetings.	\$250 per annum** This donation is inclusive of annual membership for the year 2011.
<b>Active Members:</b>	Physician and Scientist members with the ability to vote, hold office, and serve as Directors of Board.	\$100 per annum**  **This fee is not required for Founding Members for the year 2011.
<b>Associate Members:</b>	Non-physicians and non-scientists, without voting rights.	\$50 per annum**
<b>Educational Members:</b>	Fellows, Residents, Medical Students and other undergraduates, without voting rights	\$50 per annum**

## TO APPLY FOR MEMBERSHIP:

1. Please complete the online membership form [www.anesthesiaandsleep.org](http://www.anesthesiaandsleep.org)
2. Make checks payable to: Society of Anesthesia and Sleep Medicine
3. Mail checks for membership to:  
Society of Anesthesia and Sleep Medicine  
c/o Dept of Anesthesia  
2500 MetroHealth Drive  
Cleveland, OH 44109

## FRIDAY, OCTOBER 14, 2011

7:00 am	REGISTRATION, CONTINENTAL BREAKFAST AND POSTER VIEWING
8:00	WELCOME ADDRESS, <i>Frances Chung, MBBS</i>
<b>SESSION I</b>	<b>Unconsciousness and the Upper Airway - Shared Considerations for Anesthesiology and Sleep Medicine,</b> Moderators: <i>Shiroh Isono, MD; Ralph Lydic, PhD</i>
8:05	KEYNOTE: Effects of Sleep and Anesthesia Induced Unconsciousness on Upper Airway Patency, <i>David Hillman, MBBS</i>
8:55	The Dynamics of Loss and Recovery of Consciousness Under General Anesthesia, <i>Emery Brown, MD, PhD</i>
9:40	Perioperative Management in Adenotonsillectomy in a Child With OSA, <i>Karen Brown, MD</i>
10:10	Question & Answer
10:30	REFRESHMENT BREAK AND POSTER VIEWING
<b>SESSION II</b>	<b>Obstructive Sleep Apnea - A Perioperative Challenge,</b> Moderators: <i>Norman Bolden, MD; Dennis Auckley, MD</i>
11:00	From Screening to Diagnosis of OSA Preoperatively: <i>Chicago's Experience, Bobbie Jean Sweitzer, MD</i>
11:20	Perioperative Complications in OSA Patients: Evidence-Based Review of the Literature, <i>Frances Chung, MBBS</i>
11:40	Who Are the Patients That Require Postoperative Monitoring?, <i>Roop Kaw, MD</i>
12:00	Clinical Response Pathways When the Monitor Alarms Go Off: Use of Positional Therapy, Oxygen, and Various PAP Devices, <i>Peter Gay, MD</i>
12:20	Question & Answer
12:30	LUNCH AND POSTER VIEWING
1:30	Presentation of Poster Awards - <i>Yandong Jiang, MD</i>
<b>SESSION III</b>	<b>Sleep, Anesthesia and Ventilatory Control,</b> Moderators: <i>Matthias Eikermann, MD, PhD; Max Kelz, MD, PhD</i>
2:00	Intermittent Hypoxia and Sleep Apnea Effects on Ventilatory Control, <i>Sigrid Veasey, MD</i>
2:35	Influence of Opioids and Anesthetics on the Control of Breathing and Upper Airway Obstruction, <i>Albert Dahan, MD, PhD</i>
3:10	Unique Considerations of Patients with Obesity Hypoventilation Syndrome, <i>Babak Mokhlesi, MD</i>
3:45	Question & Answer
4:00	ADJOURN
4:30 - 5:30 pm	<b>FIRST SASM ANNUAL MEETING</b>

## REGISTRATION

The registration fee includes conference materials, continental breakfast, refreshment break, lunch, and poster viewing. You may register online, via fax, or US Mail. **While registration is open until the start of the meeting, we encourage early registration to enable us to provide the best possible service to participants.**

## HOW TO REGISTER

**ONLINE:** <http://cme.uchicago.edu/courses>

**FAX Credit Card Payments**

**MAIL:** The University of Chicago  
Center for Continuing Medical Education  
c/o OSA, Anesthesia and Sleep  
The University of Chicago  
950 East 61st Street, Suite 101  
Chicago, IL 60637

Only to: 773-702-1736

Registrants	Early Discounted Rate	Advance Registration	On Site Only
	By Sept. 1	Sept. 1-Oct. 7	After Oct. 7
SASM Members (Physicians/Scientists)	\$100	\$120	\$120
Non-Members (Physicians/Scientists)	\$150	\$170	\$170
Allied Health Professionals & Fellows/Residents	\$60	\$80	\$80
Industry	\$250	\$300	\$300

## CONTACT INFORMATION

Name \_\_\_\_\_ Degree \_\_\_\_\_

Specialty \_\_\_\_\_

Organization \_\_\_\_\_

Preferred Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

## CANCELLATION POLICY

If you cancel your participation in this conference, your registration fee, less a \$50 administrative fee, will be refunded when written notification is received by September 14, 2011. **No refunds will be made after September 14, 2011.**

## ACCESSIBILITY

The University of Chicago is committed to providing equal access appropriate to need and circumstance and complies fully with the legal requirements of the Americans with Disabilities Act. If you are in need of special accommodation, please contact our office at 773-702-1056 or via email at [cme@bsd.uchicago.edu](mailto:cme@bsd.uchicago.edu).

## PAYMENT

You must check this box if you do not want your contact information (mailing address only) shared with conference participants and/or exhibitors.

Check enclosed (U.S. funds only), payable to The University of Chicago (Tax ID# 36-2177139)

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For additional information about this conference, please call the Center for Continuing Medical Education at 773-702-1056.

Friday, October 14, 2011

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