

# CROSS-INDUSTRY Organizations

## International Society for Aerosols in Medicine (ISAM) to host ISAM 2013 Congress



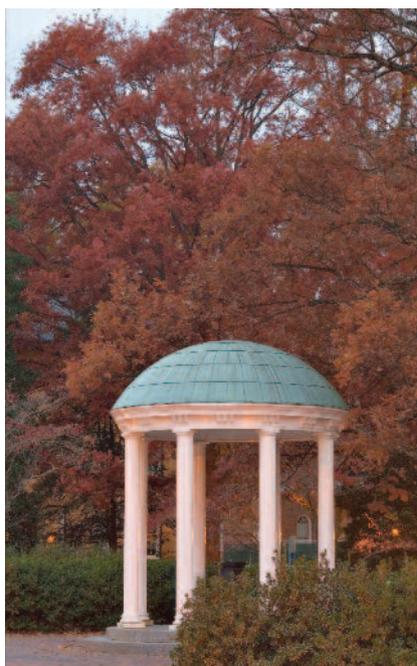
Jim Blanchard, President-Elect of ISAM  
*On behalf of the International Society for Aerosols in Medicine*

The International Society for Aerosols in Medicine (ISAM) is a non-profit organization whose objectives are to stimulate and further the interdisciplinary cooperation and exchange of information in all aspects of medical aerosol research including pulmonary drug delivery and health effects of inhaled aerosols. ISAM sponsors international conferences, publications, study groups and special research projects.

The February 2012 issue of *Inhalation* featured an article by current ISAM president Bill Bennett that provided an overview of ISAM's mission, history, membership and sponsored conferences. This article provides some updates, starting with the next ISAM Congress.

### ISAM 2013 Congress

ISAM 2013 will be held April 6-10, 2013 at the University of North Carolina at Chapel Hill in the William and Ida Friday Center for Continuing Education in Chapel Hill, North Carolina, US. Up to 400 attendees, representing some of the best scientific and clinical minds, are expected to communicate their research and address problems associated with aerosols in medicine. More than 130 abstracts have been submitted for poster and oral presentations, including those that will be judged for the student research and best oral



The Old Well at UNC, Chapel Hill, North Carolina

presentation awards. Additional awards will be presented for career achievement, young investigator and the Thomas T. Mercer award, which is jointly sponsored with the American Association of Aerosol Research. The complete preliminary program, registration instructions and additional information are available on the Congress website: [www.ISAM2013.com](http://www.ISAM2013.com).

The organizing committee is seeking sponsors and exhibitors. There is room for up to 30 exhibitors in the beautiful, sunlit atrium of the Friday Center where attendees will congregate for coffee breaks, conversation and go to and from scientific sessions.

For sponsorship information, please email Bill Bennett at [william\\_bennett@med.unc.edu](mailto:william_bennett@med.unc.edu) or Tony Hickey at [ahickey@rti.org](mailto:ahickey@rti.org).

Prior to the ISAM Congress, on April 6, 2013, there will be three all-day workshops on broad topics of general interest, including regulatory issues with inhaled drugs. The workshops are a great value, priced from \$150 to \$300 each. The topics are:

- The basics of aerosol technology for respiratory drug delivery, which will include hands-on instruction
- Inhaling nanoparticles by accident and on purpose—Challenges and opportunities for toxicology and therapeutics, focusing on nanotoxicology and nanomedicine
- Enhancing accordance between outcomes of laboratory and clinical testing of orally inhaled drug products (regulatory issues), which will include speakers from the FDA

The main scientific program will be held April 7-10, 2013 and feature the latest and most relevant scientific findings. The session topics are:

- Aerosol delivery of biotherapeutics
- Aerosol therapy in patients receiving non-invasive positive pressure ventilation

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- Developing delivery devices for infants and children
- New strategies for targeting aerosol delivery: From the nose to the deep lung
- Aerosol deposition at the extremes: Exploring the limits with novel methodologies
- Improving patient adherence/compliance for inhaled therapies
- Through the magnifying glass: Molecular approaches to improve inhaled drug delivery
- Advances in biomarkers for assessing efficacy of aerosol therapies
- Health effects of diesel particles
- *In vitro/in vivo* assessment of inhaled drugs: Science and regulatory issues for consideration

The members of the ISAM 2013 organizing committee deserve special recognition and thanks: Congress President Bill Bennett, Tony Hickey, Kirby Zeman, Jihong Wu, Heather Duckworth, Camelia Rosu and Terri McGowan (University of North Carolina Friday Center for Continuing Education).

ISAM Congresses are held biennially. The next Congress will be in 2015 in Munich, Germany.

## Networking groups

The networking groups of ISAM were created to facilitate communication among ISAM members and develop program content for the congresses and workshops. Each group has one or more chairs. The five current networking groups are:

- 1) Imaging, modeling and physiology of aerosols in the lung
- 2) Regulatory and standardization issues
- 3) New devices and emerging therapies

- 4) Pediatrics and cystic fibrosis
- 5) Environmental, occupational health and toxicology

## Membership

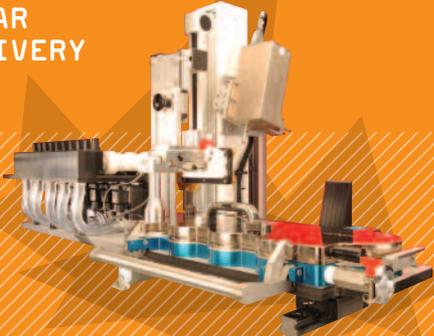
There are currently more than 350 ISAM members from more than 25 countries, representing academia, industry and government interests connected to aerosols in the lung. Members

include physicians, physicists, biologists, pharmacologists, respiratory care practitioners, mathematicians and others. ISAM offers joint membership with the European Respiratory Society at a reduced rate; students can also join at a reduced rate. Further information about ISAM and applications for membership are available at the ISAM website: [www.isam.org](http://www.isam.org).

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