

Allegheny General Hospital  
Continuing Medical Education  
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ALLEGHENY GENERAL HOSPITAL

THIRD ANNUAL

## Nemacolin Asthma Conference

A Comprehensive Clinical  
and Research Review

*Friday through Sunday, September 19-21, 2008*



*Sponsored by*

AGH Kids  
Department of Pediatrics  
Division of Allergy, Asthma and Immunology  
Allegheny General Hospital  
Pittsburgh, Pennsylvania  
*in cooperation with*  
Department of Pediatrics  
West Virginia University College of Medicine  
Morgantown, West Virginia



## Conference Directors

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### **David P. Skoner, M.D.**

Professor of Pediatrics  
Drexel University College of Medicine  
Director, Division of Allergy, Asthma and Immunology  
Department of Pediatrics  
Vice Chair of Clinical Research  
Division of Allergy, Asthma and Immunology  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

### **Deborah Gentile, M.D.**

Associate Professor of Pediatrics  
Drexel University College of Medicine  
Director of Research  
Division of Allergy, Asthma and Immunology  
Department of Pediatrics  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

### **Giovanni Piedimonte, M.D., FAAP, FCCP**

Wyeth Research Scholar  
Professor and Chair  
Department of Pediatrics  
West Virginia University School of Medicine  
Physician-in-Chief  
West Virginia University Children's Hospital  
Morgantown, West Virginia

## Guest Faculty

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### **Hans Bisgaard, MD, DMSci**

Professor of Pediatrics  
Head of Danish Pediatric Asthma Centre  
Copenhagen University Hospital  
Gentofte, Copenhagen, Denmark

### **Randall W. Brown, MD, MPH**

Director of Research  
Georgia Pediatric Pulmonary Associates  
Atlanta, Georgia

### **Carlos A. Camargo, MD, DrPH**

Associate Professor of Medicine and Epidemiology  
Harvard Medical School  
Director, EMNet Coordinating Center  
Massachusetts General Hospital  
Boston, Massachusetts

## Guest Faculty (continued)

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### **Philip Fireman, MD**

Professor Emeritus of Pediatrics and Medicine  
Division of Allergy, Immunology and Infectious Diseases  
Department of Pediatrics  
Children's Hospital of Pittsburgh  
University of Pittsburgh School of Medicine  
Pittsburgh, Pennsylvania

### **Qutayba Hamid, MD, PhD**

Professor of Medicine and Pathology  
Research Director, Meakins-Christie Laboratories  
McGill University  
Director, Respiratory Axis  
McGill University Health Centre  
Montreal, Canada

### **William R. Henderson Jr., MD**

Professor and Head, Allergy Section  
Center for Allergy and Inflammation  
Department of Medicine  
Division of Allergy and Infectious Diseases  
University of Washington  
Seattle, Washington

### **Guenther Hochhaus, PhD**

Professor  
University of Florida  
College of Pharmacy  
Gainesville, Florida

### **Monica Kraft, MD**

Professor of Medicine  
Director, Duke Asthma, Allergy and Airway Center  
Division of Pulmonary, Allergy and Critical Care Medicine  
Duke University Medical Center  
Durham, North Carolina

### **Stanley J. Szeffler, MD**

Professor of Pediatrics and Pharmacology  
University of Denver Colorado Health Sciences Center  
Helen Wohlberg & Herman Lambert  
Chair in Pharmacokinetics  
Head, Pediatric Clinical Pharmacology  
Director, Weinberg Clinical Research Unit,  
Pediatrics Section  
National Jewish Medical and Research Center  
Denver, Colorado

### **Sally E. Wenzel, MD**

Professor of Medicine  
University of Pittsburgh School of Medicine  
Director, Asthma and Allergic Disease Programs  
Division of Pulmonary, Allergy and Critical Care Medicine  
University of Pittsburgh Medical Center  
Pittsburgh, Pennsylvania

## Conference Overview and Intended Audience

This conference will focus on the role of genetics, viral respiratory infections, and mycoplasma in the development and propagation of asthma as well as new data highlighting the safety and efficacy of asthma controller therapies. New advances in airway pathology, treatment of severe asthmatics, and asthma in the emergency department will be reviewed. In addition, emphasis will be placed on recognizing asthma as a heterogeneous disease and the need for tailored treatment plans for each patient. Both clinical aspects and mechanistic/research aspects will be thoroughly covered, including state-of-the-art, noninvasive diagnosis and monitoring methods.

## Intended Audience and Objectives

At the conclusion of the *Third Annual NemaCOLin Asthma Conference*, participants should be able to:

- provide an overview of the natural history of asthma and identify potential strategies for the disease, including emergency situations and severe asthma
- recognize asthma as a heterogeneous disease, emphasizing the need for tailored treatment plans and an improved balance of safety and efficacy with controller therapies
- recognize the role of genetics, mycoplasma, infections, and respiratory viruses in the development and propagation of asthma
- understand the current research trends in the field of asthma and new advances of asthma pathology
- recognize the emerging role of pharmacogenetics in the treatment of asthma

## Accreditation

### AMA PRA Category 1 Credit™

Allegheny General Hospital is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. Allegheny General Hospital designates this educational activity for a maximum of 13.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

All participants will receive a certificate of attendance.

## Schedule

### Friday, September 19, 2008 • 5.0 AMA PRA Category 1 Credits™

- 11:45 a.m. Registration and Refreshments  
V I S I T E X H I B I T S
- 12:20 p.m. Welcome Remarks and Introduction
- 12:30 p.m. Role of Early-Life Environmental Influences in the Development of Asthma  
**Giovanni Piedimonte, MD, FAAP, FCCP**
- 1:20 p.m. Inner-City Asthma/Asthma Care Disparities  
**Randall Brown, MD, MPH**
- 1:50 p.m. Discussion
- 2:10 p.m. B R E A K / V I S I T E X H I B I T S
- 2:30 p.m. Update on Acute Asthma  
**Carlos A. Camargo, MD, DrPH**
- 3:10 p.m. Severe Asthma  
**Sally E. Wenzel, MD**
- 3:50 p.m. Discussion
- 4:10 p.m. B R E A K / V I S I T E X H I B I T S
- 4:25 p.m. Link Between Asthma and Depression  
**Deborah Gentile, MD**
- 5:05 p.m. Case Studies: Stepping Up Therapy in Mild Persistent Asthmatics  
**Survivor Faculty Panel**
- 5:45 p.m. Discussion
- 6:00 p.m. A D J O U R N M E N T

### Saturday, September 20, 2008 • 4.0 AMA PRA Category 1 Credits™

- 7:00 a.m. Registration and Continental Breakfast  
V I S I T E X H I B I T S
- 7:50 a.m. Welcome Remarks and Introduction
- 8:00 a.m. Mycoplasma and Infections in Asthma  
**Monica Kraft, MD**
- 8:40 a.m. Individualizing Asthma Therapy: Application of Biomarkers  
**Stanley J. Szeffler, MD**
- 9:20 a.m. Discussion
- 9:40 a.m. B R E A K / V I S I T E X H I B I T S
- 9:55 a.m. Safety and Efficacy of Inhaled Corticosteroids in Children with Asthma  
**David P. Skoner, MD**
- 10:35 a.m. Pharmacokinetics and Pharmacodynamics of Inhaled Glucocorticoids  
**Guenther Hochhaus, PhD**
- 11:15 a.m. Discussion

(continued)

## Schedule (continued)

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- 11:35 a.m. B R E A K (Pick up boxed lunch)
- 11:45 a.m. L U N C H  
Case Studies: Differential Diagnosis in Adults —  
Is it Asthma or COPD?  
**Survivor Faculty Panel**
- 12:45 p.m. A D J O U R N M E N T
- 7:00 p.m. Reception  
(Complimentary for faculty, registrants and guests)

## Sunday, September 21, 2008 • 4.0 AMA PRA Category 1 Credits™

- 7:30 a.m. Registration and Continental Breakfast  
V I S I T E X H I B I T S
- 8:00 a.m. Welcome Remarks and Introduction
- 8:15 a.m. Advances in Asthma Pathology  
**Qutayba Hamid, MD, PhD**
- 8:55 a.m. Gene-Environmental Determinants  
of Early Atopic Phenotypes  
**Hans Bisgaard, MD**
- 9:35 a.m. Discussion
- 9:55 a.m. B R E A K
- 10:15 a.m. Secretory Phospholipase A2 and Airway  
Inflammation and Hyper-Responsiveness  
**William R. Henderson Jr., MD**
- 10:55 a.m. Conference Summation  
**Philip Fireman, PhD**
- 11:45 a.m. Discussion
- Noon A D J O U R N M E N T

## Acknowledgment

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Allegheny General Hospital gratefully acknowledges educational grants from *AstraZeneca LP*, *GlaxoSmithKline*, *Greer Laboratories*, *Merck & Company, Inc.*, and *Sepracor, Inc.*

Additional support is acknowledged from *Alcon Laboratories, Inc.*, *DEY L.P.*, *Genentech Inc.*, *Novartis Pharmaceuticals Corporation* and *TAP Pharmaceuticals*.

(As of July 11, 2008)

## Location and Directions

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Nemacolin Woodlands Conference Center  
Farmington, Pennsylvania

For directions to Nemacolin Woodlands, please visit their Web site at [www.nemacolin.com](http://www.nemacolin.com).

## Accommodations

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We are pleased to partner with Nemacolin Woodlands Conference Center, located in Farmington, PA, as the official site for the Nemacolin Asthma Conference. A block of rooms has been reserved at Nemacolin Woodlands at the special conference rate of \$280/night + tax, single/double occupancy. Reservations may be made by calling **1 (800) 422-2736** or **(724) 329-8555** (ask for reservations). Please be sure to mention you are with the Allegheny General Hospital Asthma Conference to take advantage of the special conference room rates. **The room block is limited; therefore, make reservations as soon as possible!**

For more information about Nemacolin Woodlands, please visit their Web site at [www.nemacolin.com](http://www.nemacolin.com).

A block of rooms has also been reserved at Summit Inn Resort which is located in Farmington, PA and approximately a ten minute drive to Nemacolin Woodlands Conference Center. The conference rate is \$189 + tax, single/double occupancy. Reservations may be made by calling **(724) 438-8594** (ask for reservations). Please be sure to mention you are attending the Allegheny General Hospital Asthma Conference to take advantage of the special conference room rates.

For more information and directions to Summit Inn Resort, please visit their Web site at [www.summitinnresort.com](http://www.summitinnresort.com).

## Additional Information

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For additional information, contact the Continuing Medical Education office by calling (412) 359-4952, by e-mail: [rnewman@wpahs.org](mailto:rnewman@wpahs.org) or by fax at (412) 359-8218.

## Refund Policy

A refund of the registration fee, less a \$50 processing fee, will be made when a written request or a telephone request followed by a written confirmation is received prior to **September 7, 2008**. After this date, refunds will not be made. Fees will not be refunded for failure to attend.

Allegheny General Hospital reserves the right to cancel or postpone any conference because of unforeseen circumstances or insufficient enrollment. In the event of such cancellation, full tuition will be refunded.

## Registration Information

The registration fee includes course materials, daily continental breakfast and lunch, break refreshments and the reception on Saturday, September 20, 2008.

**Fee:** \$230 Physicians  
\$130 Residents\*, Fellows\*, Nurses and Other Health Care Professionals  
(\* **must include verification letter from Chief of Service**)

**Deadline:** **September 7, 2008**  
(After this date, registrations will be taken on a space available basis.)

**To Register:** **Telephone registrations are not accepted.** Complete the registration form and return it with the registration fee to:

Continuing Medical Education  
Allegheny General Hospital  
320 East North Avenue  
Pittsburgh, Pennsylvania 15212-4772  
(412) 359-4952  
(412) 359-8218 Fax

The preferred method of payment is VISA, MasterCard, American Express or Discover, however, checks will be accepted made payable to **Allegheny General Hospital**.

*In accordance with the Accreditation Council for Continuing Medical Education (ACCME), the Association of American Medical Colleges (AAMC) Standards and the policy of Allegheny General Hospital, presenters are asked to indicate if they have any relationship which, in the context of their presentation, could be perceived as a real or apparent conflict of interest, (e.g., ownership of stock, honoraria, or consulting fees). Any such relationships will be disclosed to the audience and consideration will be given to possible influences of their presentations.*

## Nemacolin Asthma Conference

Friday through Sunday, September 19-21, 2008

**Please indicate:**  I would like a vegetarian lunch.

**Please indicate:** \_\_\_ # adults attending Saturday reception

\_\_\_ # children ages 6 and younger attending Saturday reception

\_\_\_ # children ages 6-16 attending Saturday reception

Name \_\_\_\_\_

(print name and degree, if applicable, as you wish it to appear on badge)

Degree \_\_\_\_\_

Specialty \_\_\_\_\_

(for accreditation purposes)

Occupation \_\_\_\_\_

Hospital or Organization \_\_\_\_\_

Home or  Business Address (including department):  
(where you prefer mail to be sent)

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Day Telephone (      ) \_\_\_\_\_

FAX# (      ) \_\_\_\_\_

E-mail \_\_\_\_\_

**Method of Payment:**  Credit Card  Check

Total Amount \$ \_\_\_\_\_

**Credit Card:**  VISA  American Express

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Card # \_\_\_\_\_

Exp. Date \_\_\_\_\_

Name as it appears on card \_\_\_\_\_

Signature \_\_\_\_\_

If you require assistance with hearing, vision or mobility to make this conference accessible to you, please check this box and contact the CME office at (412) 359-4952 two weeks prior to the conference date.