

ALLEGHENY GENERAL HOSPITAL PRESENTS

## PEDIATRICS HEAD TO TOE

A FOCUS ON NEUROPSYCHIATRIC DISORDERS IN CHILDREN  
*Friday, September 14, 2007*

## NEMACOLIN ASTHMA CONFERENCE

A COMPREHENSIVE CLINICAL AND RESEARCH REVIEW  
*Friday, Saturday and Sunday, September 14-16, 2007*

*Nemacolin Woodlands Conference Center  
Farmington, Pennsylvania*



### 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 School of Medicine*

*Morgantown, West Virginia*



**ALLEGHENY  
GENERAL HOSPITAL**  
WEST PENN ALLEGHENY HEALTH SYSTEM



## CONFERENCE DIRECTORS

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### PEDIATRICS: HEAD TO TOE

#### ROBERT D. GUTHRIE, M.D.

Professor of Pediatrics  
Drexel University College of Medicine  
Neonatologist  
Department of Pediatrics  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

### NEMACOLIN ASTHMA CONFERENCE

#### 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

## HONORED GUEST

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#### PHILIP FIREMAN, M.D.

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

## ALLEGHENY GENERAL HOSPITAL FACULTY

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#### DALE J. HINDMARSH, M.D.

Assistant Professor of Psychiatry  
Drexel University College of Medicine  
Division of Child and Adolescent Services  
Department of Psychiatry  
Medical Director, Craig Academy

#### P. VAN NICKELL, M.D.

Assistant Professor of Psychiatry  
Drexel University College of Medicine  
Interim Chair, Department of Psychiatry

#### MICHAEL D. RANCURELLO, M.D.

Assistant Professor of Psychiatry  
Drexel University College of Medicine  
Department of Psychiatry

#### CHRISTINA SMITH, M.D.

Division of Adult Services  
Department of Psychiatry

## GUEST FACULTY

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#### HANS BISGAARD, M.D.

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

#### JAMILA CHAKIR, PH.D.

Center of Research  
Laval Hospital  
University Institute of Cardiology and Pulmonary  
Sainte-Foy, Québec, Canada

#### NEMR EID, M.D.

Professor of Pediatrics  
University of Louisville School of Medicine  
Director, Childhood Asthma Care and Education Center  
Director, Cystic Fibrosis Center  
Kosair Children's Hospital  
Louisville, Kentucky

#### JAMES E. GERN, M.D.

Professor of Pediatrics  
Division of Allergy, Immunology and Rheumatology  
University of Wisconsin-Madison  
Madison, Wisconsin

#### JOHN HUNT, M.D.

Associate Professor of Pediatrics  
Allergy/Immunology and Pediatric Pulmonology  
Division of Pediatric Respiratory Medicine  
University of Virginia  
Charlottesville, Virginia

#### E. REGIS MCFADDEN JR., M.D.

Argyl J. Beams Professor of Medicine  
Director, Pulmonary Research  
Division of Pulmonary, Critical Care and Sleep Medicine  
Case Western Reserve University  
Cleveland, Ohio

#### HERBERT NEEDLEMAN, M.D.

Professor of Psychiatry and Pediatrics  
University of Pittsburgh School of Medicine  
Pittsburgh, Pennsylvania

#### MICHAEL PAINTER, M.D.

Professor of Neurology and Pediatrics  
Division of Child Neurology  
University of Pittsburgh School of Medicine  
Pittsburgh, Pennsylvania

#### JUDITH K. PAINTER

Executive Director,  
Epilepsy Foundation Western/Central Pennsylvania  
Pittsburgh, Pennsylvania

#### WILLIAM E. PELHAM JR., PH.D.

University of Buffalo Distinguished Professor of Psychology  
Professor of Pediatrics and Psychiatry  
University of Buffalo, The State University of New York  
Buffalo, New York

#### STEPHEN PETERS, M.D., PH.D., FACP, FAAAAI, FCCP, FCPP

Professor of Medicine & Pediatrics  
Associate Director, Center for Human Genomics  
Director of Research, Section on Pulmonary, Critical Care, Allergy & Immunologic Diseases  
Training Program Director, Allergy & Immunology  
Wake Forest University Health Sciences  
Winston-Salem, North Carolina

## COURSE OVERVIEW/INTENDED AUDIENCE

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### PEDIATRICS: HEAD TO TOE

*Pediatrics Head to Toe: A Focus on Neuropsychiatric Disorders in Children* is a one-day course on diagnosis and treatment of common central nervous system and neuropsychiatric problems in childhood. Conference attendees will receive an update on current treatment of childhood seizures and ADHD including potential side effects of drugs. New environmental toxins will be presented and discussed. Evaluation of childhood depression will be outlined and the impact of parental depression on children will be delineated. Finally, the complexities involved in diagnosis and treatment of Bipolar Disorder in children will be clarified. The intended audience includes primary care physicians, pediatricians, family practitioners, psychiatrists, nurse practitioners and physician assistants.

### NEMACOLIN ASTHMA CONFERENCE

This conference will focus on new research regarding airway remodeling and heterogeneity of disease expression as well as the role of viral respiratory infections and airway microflora in the origination and development of asthma. Safety and efficacy of asthma therapeutics in relation to the new NAEPG Guidelines and disease progression will also be discussed. Both clinical aspects and mechanistic/research aspects will be thoroughly covered, including state-of-the-art, noninvasive diagnostic and monitoring methods. The intended audience includes primary care physicians, pulmonologists, allergists and asthma specialists.

## OBJECTIVES

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### PEDIATRICS: HEAD TO TOE

At the conclusion of *Pediatrics: Head to Toe*, participants should be able to:

- understand current treatment of childhood seizures including limitations and side effects of anticonvulsants
- appreciate the need for and types of support systems available to children with seizure disorders and their families
- be aware of new environmental toxins in children and their short and long term effects
- delineate symptoms of depression in children and adolescents
- understand benefits and risks of drug treatment for depression in children and adolescents
- understand the current approach to diagnosis and treatment of ADHD including side effects of drug treatment
- characterize the presentation of and criteria necessary for diagnosis of Bipolar Disorder in childhood
- appreciate the impact of parental depression on child development and techniques to ameliorate its effects

### NEMACOLIN ASTHMA CONFERENCE

At the conclusion of *Nemacolin Asthma Conference*, participants should be able to:

- understand current research regarding airway remodeling and disease progression
- recognize that asthma is a heterogeneous disease and that treatments must be tailored to each patient accordingly
- understand the role of viral infections and potential role of airway microflora in the origination and development of asthma
- understand the safety and efficacy of asthma therapeutics in relation to the new NAEPG Guidelines
- recognize new resources and tools in the clinical diagnosis and monitoring of patients with asthma

## ACKNOWLEDGMENTS

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Allegheny General Hospital gratefully acknowledges an educational grant from *Greer and Merck & Company, Inc.* in support of this educational activity.

(As of July 12, 2007)

## ACCREDITATION

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Allegheny General Hospital is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

### PEDIATRICS: HEAD TO TOE

*AMA PRA Category 1 Credits*™

Allegheny General Hospital designates this educational activity for a maximum of 7 *AMA PRA Category 1 Credits*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### CE for Psychologists

Allegheny General Hospital is approved by the American Psychological Association to sponsor continuing education for psychologists. Allegheny General Hospital maintains responsibility for this program and its content.

### NEMACOLIN ASTHMA CONFERENCE

*AMA PRA Category 1 Credits*™

Allegheny General Hospital designates this educational activity for a maximum of 11 *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.

## LOCATION AND DIRECTIONS

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NEMACOLIN WOODLANDS CONFERENCE CENTER  
FARMINGTON, PENNSYLVANIA

### Pittsburgh (South)

Rt. 51 South to Rt. 40 East (Uniontown). Turn right onto Rt. 40 East (also posted as Rt. 119 South). Continue Rt. 40 East approximately 16 miles to Farmington. Nemacolin is located on the left side of Rt. 40 East.

### Pittsburgh (Airport, West and North)

Rt. 60 South to I-79 South. I-79 South to I-70 East (Washington, PA). I-70 East to Rt. 43 South (California Exit). Rt. 43 South to Rt. 40 East (Brownsville). Continue Rt. 40 East approximately 32 miles to Farmington. Nemacolin is located on the left side of Rt. 40 East.

## ACCOMMODATIONS

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A block of rooms has been reserved at Nemacolin Woodlands located in Farmington, Pennsylvania — slightly more than a one-hour drive from Pittsburgh. Special conference rate is \$275/night + tax. 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 Pediatric/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).

## ADDITIONAL INFORMATION

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For additional information concerning the conference, please contact the Continuing Medical Education office by telephone at **(412) 359-4952** or by fax at **(412) 359-8218**.

## REFUND POLICY

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A refund of the registration fee, less a \$75 processing fee, will be made when a written request or a telephone request followed by a written confirmation is received prior to **September 5, 2007**. After this date, refunds cannot be made. Fees will not be refunded for failure to attend.

## CONFERENCE SCHEDULE

FRIDAY, SEPTEMBER 14, 2007 • PEDIATRICS HEAD TO TOE • DAILY CME TOTAL: 7.0 HRS.

7:45 a.m.	Registration and Continental Breakfast • V I S I T E X H I B I T S	
8:25 a.m.	Welcome and Introductions	<i>Robert D. Guthrie, M.D.</i>
8:30 a.m.	Treatment of Childhood Seizures: An Update	<i>Michael Painter, M.D.</i>
9:10 a.m.	Comprehensive Support Services for the Child with Seizures	<i>Judith K. Painter</i>
9:45 a.m.	Discussion	
9:55 a.m.	B R E A K • V I S I T E X H I B I T S	
10:10 a.m.	New Environmental Toxins and Children	<i>Herbert Needleman, M.D.</i>
10:55 a.m.	Discussion	
11:05 a.m.	Diagnosis and Treatment of Childhood Depression	<i>Dale J. Hindmarsh, M.D.</i>
11:50 a.m.	Discussion	
Noon	L U N C H • V I S I T E X H I B I T S	
12:45 p.m.	Comprehensive Treatments for Attention Deficit Hyperactivity Disorder	<i>William E. Pelham Jr., Ph.D.</i>
1:30 p.m.	Discussion	
1:40 p.m.	Post Traumatic Stress Syndrome in Pediatrics	<i>Christina Smith, M.D.</i>
2:25 p.m.	Discussion	
2:35 p.m.	B R E A K • V I S I T E X H I B I T S	
2:50 p.m.	Bipolar Disorder in Childhood	<i>Michael D. Rancurello, M.D.</i>
3:35 p.m.	Discussion	
3:45 p.m.	Impact of Parental Depression on Children	<i>P. Van. Nickell, M.D.</i>
4:30 p.m.	Discussion	
4:45 p.m.	Evaluation	
5:00 p.m.	A D J O U R N M E N T	

FRIDAY, SEPTEMBER 14, 2007 • NEMACOLIN ASTHMA CONFERENCE • DAILY CME TOTAL: 2.5 HRS.

4:30 p.m.	Registration and Refreshments	
5:30 p.m.	Welcome and Introductions	<i>David P. Skoner, M.D.</i>
5:45 p.m.	Safety and Efficacy of Asthma Therapeutics in the Context of the New NAEPP Guidelines	<i>David P. Skoner, M.D.</i>
6:15 p.m.	Environmental Modulation of Airway Development	<i>Giovanni Piedimonte, M.D.</i>
6:45 p.m.	Asthma and Obesity	<i>Deborah Gentile, M.D.</i>
7:15 p.m.	A D J O U R N M E N T	

SATURDAY, SEPTEMBER 15, 2007 • NEMACOLIN ASTHMA CONFERENCE • DAILY CME TOTAL: 4.75 HRS.

7:00 a.m.	Registration and Continental Breakfast • V I S I T E X H I B I T S	
7:45 a.m.	Welcome and Introductions	<i>Deborah Gentile, M.D.</i>
8:00 a.m.	Airway Acidification in Asthma: GERD and Beyond	<i>John Hunt, M.D.</i>
8:45 a.m.	The Origins of Asthma: A Possible Role of Airway Microflora	<i>Hans Bisgaard, M.D.</i>
9:30 a.m.	B R E A K • V I S I T E X H I B I T S	
10:00 a.m.	Role of ICS on Asthma Disease Progression	<i>Hans Bisgaard, M.D.</i>
10:45 a.m.	Understanding Small Airways in Asthma	<i>Nemr Eid, M.D.</i>
11:30 a.m.	L U N C H • V I S I T E X H I B I T S	
12:30 p.m.	Risk Factors for Early Childhood Wheezing and Asthma	<i>James E. Gern, M.D.</i>
1:15 p.m.	Pediatric Case Study	
2:00 p.m.	A D J O U R N M E N T	
6:00 p.m.	Complimentary Buffet Dinner for Faculty, Registrants and Guests in honor of Philip Fireman, M.D.	

SUNDAY, SEPTEMBER 16, 2007 • NEMACOLIN ASTHMA CONFERENCE • DAILY CME TOTAL: 3.5 HRS.

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 and Introductions	<i>Giovanni Piedimonte, M.D.</i>
8:15 a.m.	Airway Remodeling: Role of Structural Cells	<i>Jamila Chakir, Ph.D.</i>
9:00 a.m.	Exercise Induced Bronchospasm	<i>E. Regis McFadden, M.D.</i>
9:45 a.m.	B R E A K • V I S I T E X H I B I T S	
10:15 a.m.	Pharmacogenetics of Asthma: Update on the Beta-2 Adrenergic Receptor	<i>Stephen Peters, M.D.</i>
11:00 a.m.	Adult Case Study	
11:30 a.m.	Conference Summation	<i>Philip Fireman, M.D.</i>
Noon	A D J O U R N M E N T	

## REGISTRATION INFORMATION

The registration fee includes the course materials, daily continental breakfast, lunch and break refreshments.

<b>FEE:</b>	Physicians	<b>Pediatrics Head to Toe</b> \$155	<b>Nemacolin Asthma Conference</b> \$230	<b>Both Conferences</b> \$300
	Residents*, Fellows*, Nurses and Other Health Care Professionals	\$100	\$175	\$200
	* must include verification letter from Chief of Service			

**DEADLINE:** September 5, 2007  
(Registrations will be taken after the deadline date on a space-available basis.)

**TO REGISTER:** Complete the registration form and return it with the registration fee or fax to  
Continuing Medical Education, Allegheny General Hospital  
320 East North Avenue, Pittsburgh, Pennsylvania 15212-4772  
Fax (412) 359-8218

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

### PEDIATRICS: HEAD TO TOE NEMACOLIN ASTHMA CONFERENCE

Friday, September 14, 2007

Friday, Saturday and Sunday, September 14-16, 2007

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

DEGREE \_\_\_\_\_  
(for accreditation purposes)

SPECIALTY \_\_\_\_\_

HOSPITAL OR ORGANIZATION \_\_\_\_\_  
(where you prefer mail to be sent)

HOME OR  BUSINESS ADDRESS (INCLUDING DEPARTMENT) \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

DAY TELEPHONE ( ) \_\_\_\_\_

FAX# ( ) \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

Please indicate: I will attend  Pediatrics: Head to Toe  
 Nemacolin Asthma Conference  
 Both Conferences  
  
 I prefer a vegetarian lunch.

Please indicate: \_\_\_\_\_ # of adults attending Saturday dinner  
\_\_\_\_\_ # of children attending Saturday dinner

**METHOD OF PAYMENT:**  Credit Card  Check

TOTAL AMOUNT \$ \_\_\_\_\_

**CREDIT CARD:**  Visa  American Express

MasterCard  Discover

CARD # \_\_\_\_\_ EXP. DATE \_\_\_\_\_

NAME AS IT APPEARS ON CARD \_\_\_\_\_

SIGNATURE \_\_\_\_\_

*By signing this form, I authorize Allegheny General Hospital to charge my credit card for the above amount. My signature also indicates that I will not dispute this charge in the future through my credit card company.*

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 date of the conference.