MARCH 12-14, 2010

LOCATION
San Diego Marriott Mission Valley
8757 Rio San Diego Drive
San Diego, CA

CLINICAL VACCINOLOGY COURSE

MARCH 12-14, 2010
San Diego
Marriott Mission Valley
San Diego, CA

SPONSORED BY:
National Foundation for Infectious Diseases
AND
The Emory Department of Medicine, Division of Infectious Diseases, and the Emory Vaccine Center

IN COLLABORATION WITH:
American Academy of Pediatrics
American College Health Association
American Medical Association
Centers for Disease Control and Prevention
National Medical Association
STATEMENT OF NEED

Vaccines are one of the greatest success stories in public health. However, challenges remain. Many vaccine-preventable diseases have been poorly controlled, especially those that affect adolescents and adults. Improving protection with these vaccines will require greater efforts by the health care community to provide vaccines at every opportunity and to educate patients about vaccines.

New vaccines and special vaccines for international travel offer the promise of preventing ever-greater infectious disease burdens. Incorporating them into clinical practice, however, requires an understanding of their indications, contraindications, safety profiles, and how best they fit within current immunization schedules.

The critical interface between vaccine development and successful disease prevention is the primary care provider: the pediatrician, family physician, internist, nurse practitioner, and other health care providers on whom patients rely for advice. This course is designed to provide a comprehensive background in vaccinology for the practicing clinician.

COURSE OBJECTIVES

- Describe new technology and ideas contributing to the future of vaccine development and delivery
- Discuss indications, contraindications and effectiveness of vaccines recommended routinely as well as vaccines recommended in special circumstances such as for international travel
- Identify strategies to improve them
- List three reasons why vaccine preventable diseases persist
- Describe the immunological mechanisms for vaccine protection
- Identify the challenges in implementation of immunization programs and strategies to improve them
- Review the process for monitoring and evaluating vaccine safety and describe the evolution of vaccine safety concerns
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WHO SHOULD ATTEND

- Primary Care Physicians
  - Family Physicians
  - Internal Medicine Specialists
  - Pediatricians
- Pharmacists
- Nurse Practitioners
- Physician Assistants
- Clinical Practice Nurses
- Public Health Specialists
- Infectious Disease Specialists
- Other Health Care Professionals involved with Clinical Aspects of Vaccinology

COURSE OVERVIEW

This course focuses on new developments and issues related to the use of vaccines. Expert faculty will provide the latest information on both current and prospective vaccines through lectures and interactive case presentations. Leading infectious disease experts, pediatricians, and researchers will present newly available vaccines and vaccines in the pipeline, as well as older vaccines whose continued administration is essential to improving disease prevention efforts.

This course is specifically designed for physicians, nurses, physician assistants, pharmacists, vaccine program administrators, and other health professionals involved with or interested in the clinical use of vaccines. It will also be of interest to health care professionals involved in the prevention and control of infectious diseases, such as Federal, state, and local public health officials. Course participants should have a knowledge of or interest in vaccines and vaccine-preventable diseases.

16.5 contact hours. To receive credit, each participant must attend the entire program, and complete a daily sign-in sheet and conference evaluation.

ACCOMMODATIONS

A limited number of guest rooms have been reserved for course participants at the San Diego Marriott Mission Valley at the rate listed below. To make a reservation, call 619-692-3800 or 800-842-5329 and tell the agent that you are attending the 2010 Clinical Vaccinology Conference being held March 12-14, 2010. Reservations should be made no later than February 18, 2010, in order to secure the course rate. After that date, rooms are on a space- and rate-available basis only. Please note that the room block is limited, and contacting the hotel before February 18, 2010, does not guarantee that space will be available. Make your reservations as early as possible to avoid any problems.

HOTEL ACCOMMODATIONS

In addition, a small block of rooms has been reserved at the prevailing 2010 per diem for employees of the U.S. Federal Government. Identify yourself as a U.S. Government employee when you call to make your reservation. You will be required to present proof of your status upon check-in.

San Diego Marriott Mission Valley
8757 Rio San Diego Drive
San Diego, CA 92108
(619) 692-3800
$132 per night, single/double

DISCLOSURES

As a sponsor accredited by the Accreditation Council for Continuing Medical Education (ACCME) the National Foundation for Infectious Diseases must ensure balance, independence, objectivity, and scientific rigor in all its educational activities. All individuals in a position to control the content of the activity have disclosed: (1) any relevant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in an educational presentation and/or with any commercial supporters of the activity; (2) any intention to discuss off-label uses of regulated substances or devices. Disclosure information is reviewed in advance to manage and resolve any real or perceived conflict of interest that may affect the balance and scientific integrity of an educational presentation.
FRIDAY
MARCH 12, 2010

7:30 am – 3:30 pm  Registration
7:30 am – 8:15 am  Continental Breakfast
8:15 am – 8:30 am  Welcome and Introductions

■ KEYNOTE PRESENTATION
8:30 am  An Overview of Vaccinology
Walter A. Orenstein, MD
Bill and Melinda Gates Foundation
Seattle, WA

■ SESSION 1: How Vaccines Work
9:30 am  The Adaptive Immune System and Vaccine
Shane Crotty, PhD
La Jolla Institute for Allergy and Immunology
La Jolla, CA

10:00 am  Passive Immunization
H. Cody Meissner MD, FAAP
Tufts University School of Medicine
Tufts Medical Center
Boston, MA

10:30 am  Questions and Answers
10:45 am  Coffee Break

■ The Advisory Committee on Immunization Practices (ACIP) Update on Vaccine Recommendations
11:00 am  Lorry K. Pickering, MD, FAAP
Centers for Disease Control and Prevention
Emory University School of Medicine
Atlanta, GA

11:45 am  Questions and Answers
12:00 pm  Lunch (on your own)

■ SESSION 2: Childhood Immunizations
1:15 pm  Pneumococcal Conjugate Vaccines
Lorry Glen Rubin, MD, FAAP
Schneider Children’s Hospital
Albert Einstein College of Medicine
New Hyde Park, NY

1:45 pm  Rotavirus Vaccines
Penelope Hill Dennehy, MD, FAAP
Warren Alpert Medical School of Brown University
Hasbro Children’s Hospital
Providence, RI

2:15 pm  Update on Combination Vaccines
Patricia A. Stinchfield, RN, MS, CPNP, PNP
Children’s Hospitals and Clinics of Minnesota
St. Paul, MN

2:45 pm  Questions and Answers
3:15 pm  Coffee Break

■ Clinical Cases in Vaccinology
3:30 pm  William L. Atkinson, MD, MPH
Centers for Disease Control and Prevention
Atlanta, GA

SATURDAY
MARCH 13, 2010

7:15 am – 3:30 pm  Registration
7:15 am – 7:50 am  Continental Breakfast
7:15 am – 7:50 am  Meet the Experts Roundtable

■ KEYNOTE PRESENTATION
8:00 am  Addressing Vaccination Disparities Among Older Adults
Cora L. Christian, MD, MPH
Virgin Islands Medical Institute
Frederiksted, US Virgin Islands

8:45 am  Questions and Answers

■ SESSION 3: Special Issues
9:00 am  Travel Vaccines 2009
Jay S. Keystone MD, MSc (CTM), FRCPC
Toronto General Hospital
Toronto, Ontario, Canada

9:30 am  Vaccines in the Immunocompromised Host
Lorry Glen Rubin, MD, FAAP
Schneider Children’s Hospital
Albert Einstein College of Medicine
New Hyde Park, NY

10:00 am  Coffee Break

10:15 am  Origins of Vaccine Hesitancy
Martin G. Myers, MD
Sealy Center for Vaccine Development
University of Texas Medical Branch
Galveston, TX

10:45 am  Questions and Answers

■ SESSION 4A: Adult Immunization
1:30 pm  Pneumococcal Vaccines in Adults – to Conjugate or Not to Conjugate
Nancy M. Bennett, MD, MS
University of Rochester Medical Center
Monroe County Department of Public Health
Rochester, NY

2:00 pm  Immunization in Health Care Workers
David J. Weber, MD, MPH
University of North Carolina at Chapel Hill
Chapel Hill, NC

2:30 pm  Effective Delivery and Financing
Kristin L. Nichol, MD, MPH, MBA
Minneapolis VA Medical Center
University of Minnesota
Minneapolis, MN

3:00 pm  Questions and Answers
3:30 pm  Adjournment

■ SESSION 4B: Childhood and Adolescent Immunization
1:30 pm  The Promise and Challenge of Adolescent Immunization
Gary L. Freed, MD, MPH
University of Michigan Health Systems
Ann Arbor, MI

2:00 pm  Pertussis Vaccines
Margaret C. Fisher, MD, FAAP
The Children’s Hospital at Monmouth Medical Center
Drexel University College of Medicine
Long Branch, NJ

2:30 pm  Influenza Vaccines
John S. Bradley, MD
Rady Children’s Hospital San Diego
San Diego, CA

3:00 pm  Questions and Answers
3:30 pm  Adjournment

CONCURRENT SESSIONS:
Immunization Challenges

■ SESSION 4A: Adult Immunization
1:30 pm  Pneumococcal Vaccines in Adults – to Conjugate or Not to Conjugate
Nancy M. Bennett, MD, MS
University of Rochester Medical Center
Monroe County Department of Public Health
Rochester, NY

2:00 pm  Immunization in Health Care Workers
David J. Weber, MD, MPH
University of North Carolina at Chapel Hill
Chapel Hill, NC

2:30 pm  Effective Delivery and Financing
Kristin L. Nichol, MD, MPH, MBA
Minneapolis VA Medical Center
University of Minnesota
Minneapolis, MN

3:00 pm  Questions and Answers
3:30 pm  Adjournment
SUNDAY
MARCH 14, 2010
7:15 am – 9:00 am Registration
7:15 am – 7:50 am Continental Breakfast

■ KEYNOTE PRESENTATION:
8:00 am Vaccine Communication Issues
Martin G. Myers, MD
Sealy Center for Vaccine Development
University of Texas Medical Branch
Galveston, TX

8:45 am Questions and Answers

■ SESSION 5: Communication Issues
9:00 am Communicating with Health Care Practitioners
Noni E. MacDonald, MD, FRCPC
Dalhousie University
IWK Health Center
Halifax, Nova Scotia, Canada

9:30 am Communicating with Parents
Patricia A. Stinchfield, RN, MS, CPNP, PNP
Children’s Hospitals and Clinics of Minnesota
St. Paul, Minnesota

10:00 am Coffee Break

10:15 am Communicating with the Media
Margaret C. Fisher, MD, FAAP
The Children’s Hospital at Monmouth Medical Center
Long Branch, NJ

10:45 am Questions and Answers

■ SESSION 6: Cutting Edge Topics
11:15 am Novel Influenza A (H1N1) Virus
John S. Bradley, MD
Rady Children’s Hospital San Diego
University of California, San Diego
San Diego, CA

11:45 am The Vaccine Safety Monitoring System in the U.S.
Frank DeStefano, MD, MPH
Centers for Disease Control and Prevention
Atlanta, GA

12:15 pm Questions and Answers

12:30 pm Point/Counterpoint: Off Label Uses of Vaccines – A Case Study
Michael N. Oxman, MD
University of California, San Diego
VA San Diego Healthcare System
San Diego, CA

Lewis K. Schrager, MD
US Food and Drug Administration
Rockville, MD

1:15 pm Questions and Answers

1:30 pm Adjournment/Evaluations

TRAVEL
By Plane:
San Diego International - Lindbergh Field is located 8 miles from the San Diego Marriott Mission Valley. Taxi service between the airport and the hotel is approximately $22 one way. The Express Airport Shuttle, provided by Cloud 9 Super Shuttle, may be taken for $12 one way. For more information or reservation, call (800) 974-8885 or visit www.Cloud9shuttle

By Car:
From San Diego International-Lindbergh Field: Take Harbor Drive to I-5 North. At exit 16, take SR-163 (Cabrillo Freeway). At exit 3A, take I-8. Bear right (North) onto Qualcomm Way. Turn right on Rio San Diego Drive. The hotel is on your right.
For additional driving directions please visit http://www.marriott.com/hotels/maps/directions/sanmv

Parking at the Hotel: Parking for overnight guest is $14 daily self-park or $18 valet. For more information call 619-692-3800.
## REGISTRATION AND FEES

**ON OR BEFORE FEBRUARY 1, 2010**

| Early Registration Fee | $550 |
| NFID Supporting Member | $495 |
| Doctors in Training Early Registration Fee | $250 |
| Nurses** | $250 |
| Daily | $200 |

**AFTER FEBRUARY 1, 2010**

| Registration Fee | $650 |
| NFID Supporting Member | $585 |
| Doctors in Training** | $350 |
| Nurses** | $350 |
| Daily | $250 |

*Includes medical students, doctoral students, residents, fellows, and physician assistants.

**Verification of status must be provided in the form of a letter from your program director or for nurses, a copy of your valid license.

To qualify for the Early Registration Fee, a complete registration form with payment must be received at the NFID office before 5 p.m. Eastern Time on February 1, 2010. Registrations or payments received after February 1, 2010, will be subject to the higher rate.

The registration fee includes a course syllabus, continental breakfast on each day of the course, and all refreshment breaks. Accommodations and additional meals are not included.

Follow the registration instructions according to your method of payment. Confirmation notices will be sent within two weeks of completed registration and payment. Please allow time for processing.

**Credit Cards:** If you are paying by credit card, you may register securely online at www.nfid.org, fax your registration to (301) 907-0878, or mail it to the address below. We are unable to accept telephone registrations.

**Check or Money Order:** Checks (drawn on a U.S. bank only) and/or money orders must be made in U.S. dollars, made payable to NFID, and mailed with the registration form to the address below. Purchase orders cannot be accepted.

**SEND TO:** National Foundation for Infectious Diseases
Clinical Vaccinology Course
4733 Bethesda Avenue, Suite 750
Bethesda, MD 20814-5228

**CALL:** (301) 656-0003, ext. 19
**FAX:** (301) 907-0878
**E-MAIL:** idcourse@nfid.org

**Visit our web site:** www.nfid.org

For further information, please contact Sharon Cooper-Kerr or Lauren Ero at the address or telephone number listed above.

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## REGISTRATION FORM

**CLINICAL VACCINOLGY COURSE**

SAN DIEGO MARRIOTT MISSION VALLEY – SAN DIEGO, CA

(Please print clearly or type; photocopy for additional registrants.)

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<tr>
<th>Last name</th>
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<td>Professional title</td>
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<th>Primary Specialty (e.g. immunology, infectious diseases, clinical research, etc)</th>
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| Daytime telephone | Fax number | E-mail address |
|-------------------------------------------------------------|
| I do not wish my contact information to appear on the Participant List to be distributed at the course. |

## SPECIAL NEEDS

Please list any special meeting needs or requirements you may have in the space below, or contact Sharon Cooper-Kerr at 301-656-0003, Ext 19 or idcourse@nfid.org:

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## PAYMENT (please circle)

**ON OR BEFORE FEBRUARY 1, 2010**

| $550 REGISTRATION |
| $495 NFID SUPPORTING MEMBER |
| $250 DOCTORS IN TRAINING** |
| $250 NURSES** |
| $200 DAILY |

**AFTER FEBRUARY 1, 2010**

| $650 REGISTRATION |
| $585 NFID SUPPORTING MEMBER |
| $350 DOCTORS IN TRAINING** |
| $350 NURSES** |
| $250 DAILY |

| ☐ FRI. ☐ SAT. ☐ SUN. [CHECK BOX] | ☐ FRI. ☐ SAT. ☐ SUN. [CHECK BOX] |

*Includes medical students, doctoral students, residents, fellows, and physician assistants.

**Verification of status must be provided in the form of a letter from your program director or for nurses, a copy of your valid license.

I check or money order drawn on U.S. funds [made payable to NFID] enclosed in the amount of $ _________________________

☐ Please bill my credit card in the amount of $ _________________________

Check type of card: ☐ Visa ☐ MasterCard ☐ American Express

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**NFID SUPPORTING MEMBERSHIP**

Become a Supporting Member of NFID and save 10% on your conference registration. Benefits also include subscriptions to NFID publications and newsletters. For more details visit www.nfid.org/membership.

I would like to become a NFID Supporting Member:

☐ Enclosed is a check or money order in the amount of $95

☐ Please bill my credit card in the amount of $95

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**CANCELLATION POLICY**

Refunds minus a $75 administrative fee will be granted only if written notification arrives at the NFID office prior to 5 p.m. Eastern Daylight Time on February 3, 2010. There will be no refunds for cancellations made after this date. Substitutions will be allowed, but please notify us immediately. NFID, the Emory Department of Medicine, Division of Infectious Diseases, and the Emory Vaccine Center reserve the right to cancel this course at any time. In the event of a cancellation of the course, the full registration fee will be returned to the registrant.
COURSE CO CHAIRS
Monica M. Farley, MD
Professor of Pediatrics
Emory University School of Medicine and Atlanta VA Medical Center
Atlanta, GA
Mark J. Mulligan, MD, FACP
Professor of Medicine
Associate Director for Clinical Trials Executive Director, The Hope Clinic Emory Vaccine Center
Decatur, GA
Larry K. Pickering, MD, FAAP
Senior Advisor to the Director National Center for Immunization and Respiratory Diseases Centers for Disease Control and Prevention Executive Secretary Advisory Committee on Immunization Practices Professor of Pediatrics Emory University School of Medicine Atlanta, GA
Susan J. Rehm, MD
Medical Director National Foundation for Infectious Diseases Bethesda, MD

NCFID CME COMMITTEE
Kathryn M. Edwards, MD
Professor of Pediatrics Department of Pediatrics Vanderbilt University Medical Center Nashville, TN
Thomas M. File, Jr., MD
Chief, Infectious Disease Service and Director HIV Research Summa Health System Akron, OH
John F. Fisher, MD
Professor of Medicine School of Medicine Medical College of Georgia Augusta, GA
Debra A. Goff, PharmD
Infectious Disease Specialist Clinical Associate Professor College of Pharmacy The Ohio State University Medical Center Columbus, OH
George C. Hill, PhD
Professor, Department of Microbiology and Immunology
Lee Watkins, Jr. Professor and Associate Dean for Diversity in Medical Education Vanderbilt University School of Medicine Nashville, TN
Marguerite Jackson, PhD, RN, FAAN
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Sasha Madison, MPH, CIC
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Donna Mazycz, RN, MS
Chief, School Health Section Maryland State Department of Education Baltimore, MD
George A. Pankey, MD, MACP
Director, Infectious Disease Research Ochsner Clinic Foundation New Orleans, LA
Georges Peter, MD (Chair)
Professor Emeritus of Pediatrics Warren Alpert Medical School of Brown University Providence, RI
Alan D. Rice, MD
Associate Professor John A. Burns School of Medicine University of Hawaii Honolulu, HI

COURSE FACULTY
William L. Atkinson, MD, MPH
Medical Epidemiologist National Center for Immunization and Respiratory Diseases Centers for Disease Control and Prevention Atlanta, GA
Nancy M. Bennett, MD, MS
Professor of Medicine and of Community and Preventive Medicine University of Rochester Medical Center Deputy Director Monroe County Department of Public Health Rochester, NY
John S. Bradley, MD
Director, Division of Infectious Diseases Rudy Children’s Hospital San Diego University of California, San Diego San Diego, CA
Cora L. Christian, MD, MPH
Health Care Quality Improvement Medical Director Virginia Islands Medical Institute Frederiksted, US Virgin Islands
Shane Crotty, PhD
Associate Professor La Jolla Institute for Allergy and Immunology La Jolla, CA
Penelope Hill Dennehy, MD, FAAP
Professor of Pediatrics Vice Chair of Academic Affairs Warren Alpert Medical School of Brown University Director, Division Pediatric Infectious Diseases Hasbro Children’s Hospital Providence, RI
Frank DeStefano, MD, MPH
Director, Immunization Safety Office Centers for Disease Control and Prevention Atlanta, GA
Anthony Fiore, MD, MPH
Captain, United States Public Health Service Medical Epidemiologist, Influenza Division National Center for Immunization and Respiratory Diseases Centers for Disease Control and Prevention Atlanta, GA
Margaret C. Fisher, MD, FAAP
Medical Director The Children’s Hospital at Monmouth Medical Center Professor of Pediatrics Drexel University College of Medicine Long Branch, NJ
Gary L. Freed, MD, MPH
Professor of Pediatrics Director, Division of General Pediatrics Director, Clinical Health Evaluations and Research Unit University of Michigan Health Systems Ann Arbor, MI
Jay S. Keystone MD, MSc (CTM) FRCP
Professor of Medicine, Tropical Disease Unit Toronto General Hospital Toronto, Ontario, Canada
Noni E. MacDonald, MD, FRCP
Professor of Pediatrics Dalhousie University Head, Health Policy and Translation Canadian Centre for Vaccinology IWK Health Centre Halifax, Nova Scotia, Canada
H. Cody Meissner MD, FAAP
Professor of Pediatrics Tufts University School of Medicine Chief, Pediatric Infectious Diseases Tufts Medical Center Boston, MA
Martin G. Myers, MD
Professor of Pediatrics, Sealy Center for Vaccine Development University of Texas Medical Branch Galveston, TX
Kristin L. Nichol, MD, MPH, MBA
Associate Chief of Staff for Research Minneapolis VA Medical Center Professor of Medicine University of Minnesota Minneapolis, MN
Walter A. Orenstein, MD
Deputy Director for Vaccine Preventable Diseases, Integrated Health Solutions Development Team Bill and Melinda Gates Foundation Seattle, WA
Michael N. Oxman, MD
Professor of Medicine and Pathology University of California, San Diego Staff Physician VA San Diego Healthcare System La Jolla, CA
Larry K. Pickering, MD, FAAP
Senior Advisor to the Director National Center for Immunization and Respiratory Diseases Centers for Disease Control and Prevention Executive Secretary Advisory Committee on Immunization Practices Professor of Pediatrics Emory University School of Medicine Atlanta, GA
Lorry Glen Rubin, MD, FAAP
Chief, Pediatric Infectious Diseases Schneider Children’s Hospital Professor of Pediatrics Albert Einstein College of Medicine New Hyde Park, NY
Lewis Schrager, MD
Chief, Vaccine Clinical Review US Food and Drug Administration Rockville, MD
Patricia A. Stinchfield, RN, MS, CPNP, PNP
Director, Pediatric Infectious Disease & Immunology Children’s Hospitals and Clinics of Minnesota St. Paul, MN
David J. Weber, MD, MPH
Professor of Medicine, Pediatrics, and Epidemiology Associate Chief of Staff University of North Carolina Chapel Hill, NC