20th Annual Comprehensive Review for Board Preparation

August 29 – September 2, 2015
The Ritz-Carlton, Tysons Corner, VA

Course Directors:
John E. Bennett, MD
Henry Masur, MD

Course Co-Directors:
David N. Gilbert, MD
Bennett Lorber, MD
Roy M. Gulick, MD, MPH
W. Michael Scheld, MD
Richard J. Whitley, MD

“I really could not ask for a better organized, well thought out and delivered review of ID. Clearly a lot of time is spent on ensuring all the lectures are current and clearly presented.”

– 2014 Attendee

Register now and save $200

www.IDBoardReview.com
This course is designed specifically for physicians planning to certify or recertify in the Infectious Disease Subspecialty of the American Board of Internal Medicine and those planning to take Infectious Disease sections of the Internal Medicine Board Examination.

**UNIQUE COURSE FEATURES**

**Pre-Course Materials (Online)**

*Available mid-June 2015*

- Board preparation questions (300 questions)
- Photo-based questions covering a range of infectious diseases (80 questions)
- Primers and study guides on six or more topics

**4.5-Day Live Course**

- Lectures given by 25 expert faculty who will review the core material likely to be on the exam and cover an additional 250 questions
- Five Board Review Q&A sessions that review a total of 65 questions
- Two Photo Q&A sessions that review a total of 50 questions
- Audience response system for the majority of the questions, with results posted daily

**Post-Course Materials (Online)**

- Online streaming of the slides in color, synchronized to the audio recordings
- Downloadable MP3 files of the audio recordings of all lectures presented at the Live Course
- Additional online-only presentations

*Online materials are available until November 10, 2016.*

**ACCREDITATION**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The George Washington University School of Medicine and Health Sciences and the Infectious Disease Board Review, LLC. The George Washington University School of Medicine and Health Sciences is accredited by the ACCME to provide continuing medical education for physicians.

**PHYSICIAN CME CREDIT**

**Live Course**

The George Washington University School of Medicine and Health Sciences designates this live activity for a maximum of 43 AMA PRA Category 1 Credit(s).™ Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Online Materials**

The George Washington University School of Medicine and Health Sciences designates this enduring material for a maximum of 26.5 AMA PRA Category 1 Credit(s).™ Physicians should claim only the credit commensurate with the extent of their participation in the activity.

www.IDBoardReview.com
COURSE DIRECTORS

John E. Bennett, MD*
Bethesda, Maryland

Henry Masur, MD*
Bethesda, Maryland

CO-DIRECTORS

David N. Gilbert, MD
Oregon Health and Science University
Portland, Oregon

Roy M. Gulick, MD, MPH
Weill-Cornell Medical College
New York, New York

Bennett Lorber, MD
Temple University
Philadelphia, Pennsylvania

W. Michael Scheld, MD
University of Virginia
Charlottesville, Virginia

Richard J. Whitley, MD
University of Alabama
Birmingham, Alabama

FACULTY

Barbara D. Alexander, MD
Duke University
Durham, North Carolina

Paul G. Auwaerter, MD
Johns Hopkins University
Baltimore, MD

Nesli Basgoz, MD
Harvard Medical School
Boston, MA

Henry F. Chambers, MD
University of California San Francisco
San Francisco, CA

Herbert L. DuPont, MD
Baylor College of Medicine
Houston, Texas

David O. Freedman, MD
University of Alabama
Birmingham, Alabama

Rajesh T. Gandhi, MD
Harvard Medical School
Boston, Massachusetts

Khalil G. Ghanem, MD
Johns Hopkins University
Baltimore, Maryland

Steven M. Holland, MD*
Bethesda, Maryland

Frank Maldarelli, MD*
Bethesda, Maryland

Kieren A. Marr, MD
Johns Hopkins University
Baltimore, Maryland

Gregory J. Martin, MD
U.S. Department of State
Washington, DC

Edward Mitre, MD
Uniformed Services of the Health Sciences
Bethesda, Maryland

Robin Patel, MD
Mayo Clinic
Rochester, MN

Andrew T. Pavia, MD
University of Utah
Salt Lake City, Utah

Michael S. Saag, MD
University of Alabama
Birmingham, Alabama

Cynthia L. Sears, MD
Johns Hopkins University
Baltimore, Maryland

David L. Thomas, MD
Johns Hopkins University
Baltimore, Maryland

Allan R. Tunkel, MD
Brown University
Providence, Rhode Island

Robert A. Weinstein, MD
Rush Medical College
Chicago, Illinois

Kevin Winthrop, MD, MPH
Oregon Health and Science University
Portland, OR

*Individual employees of the National Institutes of Health (NIH) have participated in the planning and development of the course, although the NIH is not an official provider. The views expressed by the participants do not necessarily represent the opinions of the NIH, DHHS, or the Federal Government.

Faculty Disclosures: All faculty and planners are required to disclose any relevant financial relationships with commercial interest. All conflicts of interest will be resolved and made available to the audience prior to an individual’s participation in the activity. Each faculty member will also disclose discussions of unlabeled or investigative use of any commercial product.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td>Introduction</td>
<td>John E. Bennett, MD and Henry Masur, MD</td>
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<tr>
<td>8:15 am</td>
<td>How to Prepare for the Certification and Re-Certification Exams</td>
<td>Bennett Lorber, MD</td>
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<tr>
<td>8:45 am</td>
<td>Pretest for Morning Lectures: Session 1</td>
<td>Bennett Lorber, MD (moderator)</td>
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<tr>
<td>9:15 am</td>
<td>Syndromes That Masquerade as Infections</td>
<td>Bennett Lorber, MD</td>
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<tr>
<td>10:00 am</td>
<td>Tuberculosis in Normal and Abnormal Hosts</td>
<td>Nesli Basgoz, MD</td>
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<tr>
<td>10:30 am</td>
<td>BREAK</td>
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<tr>
<td>10:45 am</td>
<td>Nontuberculous Mycobacteria in Normal and Abnormal Hosts</td>
<td>Kevin Winthrop, MD, MPH</td>
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<tr>
<td>11:15 am</td>
<td>Respiratory Viral Infections Including Influenza, Immunocompetent, and Immunocompromised Patients</td>
<td>Andrew T. Pavia, MD</td>
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<tr>
<td>12:00 pm</td>
<td>LUNCH (Provided)</td>
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<tr>
<td>12:15 pm</td>
<td>Board Review Session 1</td>
<td>Drs. Basgoz, Lorber (Moderator), Mitre, Pavia, and Winthrop</td>
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<tr>
<td>1:15 pm</td>
<td>Syndromes You Should Know That are Not Covered Elsewhere</td>
<td>Bennett Lorber, MD</td>
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<tr>
<td>2:15 pm</td>
<td>Fungal Disease in Normal and Immunosuppressed Hosts</td>
<td>John E. Bennett, MD</td>
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<td>3:15 pm</td>
<td>Worms and More Worms</td>
<td>Edward Mitre, MD</td>
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<td>4:15 pm</td>
<td>Ticks, Mites, Lice, and the Diseases That Transmit</td>
<td>W. Michael Scheld, MD</td>
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<tr>
<td>5:00 pm</td>
<td>Nocardiosis, Rhodococcus equi, Melioidosis, and Actinomycosis</td>
<td>John E. Bennett, MD</td>
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<tr>
<td>5:45 pm</td>
<td>Pharyngitis Syndromes and Group A Strep</td>
<td>Bennett Lorber, MD</td>
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<tr>
<td>7:45 am</td>
<td>Pretest for Morning Lectures: Session 2</td>
<td>W. Michael Scheld, MD, MPH (moderator)</td>
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<tr>
<td>8:15 am</td>
<td>Zoonoses</td>
<td>John E. Bennett, MD</td>
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<tr>
<td>9:00 am</td>
<td>Management of AIDS Related Opportunistic Infections I</td>
<td>Henry Masur, MD</td>
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<tr>
<td>9:45 am</td>
<td>Sexually Transmitted Infections: Genital Ulcer Diseases (GUD)</td>
<td>Khalil G. Ghanem, MD</td>
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<tr>
<td>10:15 am</td>
<td>BREAK</td>
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<tr>
<td>10:30 am</td>
<td>Sexually Transmitted Infections: Other Diseases and Syndromes</td>
<td>Khalil G. Ghanem, MD</td>
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<tr>
<td>11:30 am</td>
<td>Management of AIDS Related Opportunistic Infections II</td>
<td>Henry Masur, MD</td>
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<tr>
<td>12:15 pm</td>
<td>LUNCH (Provided)</td>
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<tr>
<td>12:30 pm</td>
<td>Board Review Session 2</td>
<td>Drs. Chambers, Ghanem, Masur, Patel, and Scheld (Moderator)</td>
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<tr>
<td>1:30 pm</td>
<td>Staphylococcal Disease</td>
<td>Henry F. Chambers, MD</td>
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<tr>
<td>2:15 pm</td>
<td>Clinical Manifestations of Native Valve Endocarditis</td>
<td>W. Michael Scheld, MD</td>
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<tr>
<td>2:45 pm</td>
<td>Less Common Causes of Endocarditis</td>
<td>W. Michael Scheld, MD</td>
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<tr>
<td>3:00 pm</td>
<td>Prosthetic Valve Endocarditis and Infections of Pacers and Ventricular Assist Devices</td>
<td>W. Michael Scheld, MD</td>
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<tr>
<td>3:15 pm</td>
<td>BREAK</td>
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<tr>
<td>3:30 pm</td>
<td>Microbiology: What You Need to Know</td>
<td>Robin Patel, MD</td>
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<tr>
<td>4:00 pm</td>
<td>Helicobacter and Clostridium Difficile</td>
<td>Cynthia Sears, MD</td>
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<td>4:30 pm</td>
<td>Lyme Disease</td>
<td>Paul Auwaerter, MD</td>
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<tr>
<td>5:15 pm</td>
<td>Photo Opportunity I: Photos and Questions to Test Your Board Preparation</td>
<td>Rajesh T. Gandhi, MD</td>
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</table>
**Monday, August 31, 2015**

7:45 am  Pretest for Morning Lectures: Session 3  
Roy M. Gulick, MD, MPH (moderator)

8:15 am  Gastrointestinal Disease: Causative Agents  
Herbert L. DuPont, MD

9:00 am  Gastrointestinal Disease: Clinical Syndromes and Case Presentations  
Herbert L. DuPont, MD

9:45 am  Clinical Manifestations of Human Retroviral Diseases and Slow Viruses  
Frank Maldarelli, MD, PhD

10:30 am  BREAK

10:45 am  Antiretroviral Therapies  
Roy M. Gulick, MD, MPH

11:30 am  Diagnosis of HIV-1, HIV-2, and HTLV-I, II  
Michael S. Saag, MD

11:45 am  Resistance Testing for HIV  
Michael S. Saag, MD

12:00 pm  Antiretroviral Therapy for Special Populations  
Roy M. Gulick, MD, MPH

12:30 pm  LUNCH (Provided)

12:45 pm  How to Analyze Board Questions (Dr. Saag) and Board Review Session 3  
Drs. Gulick (Moderator), Maldarelli, Saag, and Tunkel

1:45 pm  Herpes Viruses: HSV and VZV in Immunocompetent and Immunocompromised Patients  
Richard J. Whitley, MD

2:30 pm  Meningitis, Brain Abscess, Cavernous Sinus Thrombosis, and Subdural and Epidural Empyema  
Allan Tunkel, MD

3:30 pm  BREAK

3:45 pm  Skin and Soft Tissue Infections  
David N. Gilbert, MD

4:30 pm  Non-Infectious Complications of HIV/AIDS  
Michael Saag, MD

5:15 pm  Photo Opportunity II: Photos and Questions to Test Your Board Preparation  
John E. Bennett, MD

**Tuesday, September 1, 2015**

7:45 am  Pretest for Morning Lectures: Session 4  
Richard J. Whitley, MD (moderator)

8:15 am  Clinical Immunology and Host Defense  
Steven M. Holland, MD

9:00 am  Immunizations: Domestic and Travel  
Gregory Martin, MD

9:45 am  Travel Medicine  
David O. Freedman, MD

10:30 am  BREAK

10:45 am  Herpes Viruses: CMV, EBV, and HHV 6-8  
Richard J. Whitley, MD

11:30 am  Viral Infections in Overseas Travelers  
David O. Freedman, MD

12:00 pm  LUNCH (Provided)

12:15 pm  Board Review Session 4  
Drs. Alexander, Freedman, Marr, and Whitley (moderator)

1:15 pm  Lots of Protozoa  
David O. Freedman, MD

2:15 pm  Antifungal Drugs  
John E. Bennett, MD

2:45 pm  BREAK

3:00 pm  Neutropenia and Related Conditions  
Kieren A. Marr, MD

3:45 pm  Selected Syndromes in Stem Cell Transplant Recipients  
Kieren A. Marr, MD

4:15 pm  Infections in Solid Organ Transplant Recipients  
Barbara D. Alexander, MD, MHS

5:15 pm  Viral Meningitis and Encephalitis including West Nile and Rabies  
Richard J. Whitley, MD
SCHEDULE OF EVENTS (cont.)

WEDNESDAY, SEPTEMBER 2, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>BREAKFAST (provided)</td>
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<tr>
<td>7:30 am</td>
<td>Board Review Session 5</td>
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<tr>
<td></td>
<td>Drs. Gilbert (Moderator), Martin, Thomas,</td>
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<td></td>
<td>and Weinstein</td>
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<tr>
<td>8:15 am</td>
<td>Acute Hepatitis</td>
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<td>David L. Thomas, MD, MPH</td>
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<td>8:45 am</td>
<td>Chronic Hepatitis</td>
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<td>David L. Thomas, MD, MPH</td>
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<td>9:45 am</td>
<td>BREAK</td>
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<tr>
<td>10:00 am</td>
<td>Antibacterial Drugs I</td>
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<td>David N. Gilbert, MD</td>
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<td>10:45 am</td>
<td>Hospital Epidemiology: Infection Control</td>
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<td>and Occupational Health</td>
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<td>Robert Weinstein, MD</td>
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<tr>
<td>12:00 pm</td>
<td>Antibacterial Drugs II</td>
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<td>David N. Gilbert, MD</td>
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GENERAL INFORMATION

Meeting Location and Hotel Accommodations
The Ritz-Carlton, Tysons Corner
1700 Tysons Boulevard
McLean, VA 22102 USA
703-506-4300

Our special event room rate is $175 per night (single or double occupancy) plus tax. This rate is good until our room block is full or until Tuesday, July 30, 2015. The course’s room block has sold out the last three years, so please make your reservations early. Reservations can be made by:

- Calling 1-800-241-3333 and referencing the 2015 Infectious Disease Board Review

Americans with Disabilities Act

GW fully complies with the legal requirements of the Americans with Disabilities Act. If you require assistance, please notify the Office of Continuing Education in the Health Professions at IDBR@gwu.edu by August 14, 2015.

Cancellation Policy

Notification of cancellation must be received in writing (e-mailed to IDBR@gwu.edu or faxed to 202-994-1791).

- Cancellations received before the online materials are made available (the week of June 15) are subject to a $50 processing fee.
- Between the date the online materials are made available and August 14, 2015, only transfers to the Home Study Course are available and refunds will be issued for the difference between the Live Course tuition and Home Study Course tuition, less a $50 fee.
- Tuition is not refundable after August 14, 2015; however, participants who notify us in writing that they are unable to attend the Live Course will be transferred to the Home Study Course.
- Substitutions will be accepted only with written authorization from the original registrant.

The cancellation policy applies to tuition only. GW is not responsible for nonrefundable, nontransferable airline tickets or hotel accommodations purchased for attendance at this course. If GW cancels this event, it is not responsible for any airfare, hotel, or other costs incurred by registrants. GW does not cancel events due to inclement weather. Speakers are subject to change without notice.
### Registration Fees

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<th>EARLY</th>
<th>REGULAR</th>
<th>LATE</th>
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<tr>
<td></td>
<td>Through June 1</td>
<td>June 2 – August 14</td>
<td>August 15 – 29</td>
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<tr>
<td>Physicians</td>
<td>$1,350</td>
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<tr>
<td>Physicians-in-Training (Residents and Fellows)</td>
<td>$1,250</td>
<td>$1,350</td>
<td>$1,450</td>
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<tr>
<td>Allied Health Professionals (Non-Physicians)</td>
<td>$1,250</td>
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<td>Industry</td>
<td>$1,350</td>
<td>$1,550</td>
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### Syllabus Options and Fees

<table>
<thead>
<tr>
<th></th>
<th>PRE-ORDER (Ends August 14)</th>
<th>ON-SITE (Cash Only)</th>
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<tbody>
<tr>
<td><strong>Online downloadable syllabus (PDF)</strong></td>
<td>$0</td>
<td>$0</td>
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<tr>
<td><strong>Printed syllabus (2 binders with tote bag)</strong></td>
<td>$50</td>
<td>$60*</td>
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<tr>
<td><strong>USB drive with syllabus</strong> (same content available for download online)</td>
<td>$15</td>
<td>$20</td>
</tr>
<tr>
<td><strong>Printed syllabus and USB drive</strong></td>
<td>$60</td>
<td>$70</td>
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</tbody>
</table>

* Tote bag available while supplies last

### Course tuition fees include:
- Online pre-course materials;
- A downloadable syllabus;
- Refreshments during the live course (lunches Saturday through Tuesday, breakfast on Wednesday, coffee/tea service, and afternoon refreshments); and
- Online post-course materials including audio recordings of the lectures presented at the live course.

### Pass Guarantee
We are confident that you will pass your exam after completing the course. However, any participant who takes the 2015 Live Course and does not pass an ABIM Infectious Disease Board Certification exam in November 2015 or the recertification exam in November 2015 or May 2016 is eligible to receive a 50% discount off the 2016 Live or Home Study Courses when the ABIM letter with exam results is provided.

To register, visit www.IDBoardReview.com
The Office of Continuing Education in the Health Professions
The George Washington University
2030 M Street NW, Room 4020
Washington, DC 20036
1-800-314-1423
IDBR@gwu.edu

Can’t attend the live course?

The 2014 or 2015 Infectious Disease Board Review Home Study Course is the perfect way to prepare for recertification. The course includes:

- Access to the online materials, including 300 practice questions, 80 photo-based questions, and additional primers and study guides;
- Audio recordings of the Live Course presentations, available as both streaming files of the color images of the slides synchronized to the audio recordings, and as downloadable MP3 files which can be transferred to CDs or MP3 devices; and
- A printed 2-binder syllabus (available for an additional fee for domestic shipment only).

The course is available from any device with internet access, including computers, tablets, and smart phones.

“I would make this course a requirement for all graduating fellows and a refresher for all ID attendings!”

– 2014 Attendee

To learn more about the course (including accreditation and timing of materials), or to register, visit www.IDBoardReview.com