February 26-March 2, 2018
Westin Resort • Snowmass, Colorado

Course Directors:
A.W. Karchmer, MD and Richard P. Wenzel, MD, MSc

Planning Committee:
Helen W. Boucher, MD, FACP, FIDSA; Daniel J. Diekema, MD, D(ABMM), FACP;
A.W. Karchmer, MD; José G. Montoya, MD, FACP, FIDSA; Richard P. Wenzel, MD, MSc

Jointly Sponsored by Winter Course in Infectious Diseases and
the Annenberg Center for Health Sciences at Eisenhower

For more information or to register, please visit www.wintercourse.org
Course Description

Forty-three years ago, this program was developed in an effort to contribute high-quality medical and scientific information and to provide continuing medical education to physicians. This high level of education has continued and has now evolved into one of the premier infectious diseases meetings in the United States. Topics will be presented in lectures, panel discussions, debates, case presentations, and question and answer sessions. Meet the Professor sessions will allow for personal exchange between participants and faculty.

Needs Assessment

The importance of infectious diseases in health and medical care has increasingly grown larger and more complex, and often involves older populations with co-morbidities and impaired host defenses, resulting in increasing morbidity and mortality. Peer-reviewed literature, a survey of the target audience, clinical guidelines, the evolution of new infections, occurrences of rare infections, advances in treatment options, and federal regulations regarding nonpayment of specific hospital-acquired infections provide a sufficient evidence basis to support the scientific need for this important educational event.

Target Audience

This course is designed for and will benefit physicians, microbiologists, pharmacists, nurse practitioners and physicians’ assistants who are involved with the diagnosis, management, and treatment of infectious diseases, including HIV/AIDS.

Course Objectives

Upon completion of this course, participants should be better able to:

1. Evaluate the potential of new antibiotics
2. Integrate and align with latest antibiotic stewardship policies
3. Recognize the newly emerging and pipeline diagnostics diagnostic tools including POC tests
4. Recommend treatment options for patients with CAP both before and after identification of the causal organisms
5. Identify the clinical signs of device infection and interpret tissue culture results and imaging results
6. Identify different types of infective endocarditis
7. Recite procedures for assessing and screening returning travelers with fever
8. Discuss the CDC's Advisory Committee on Immunization Practices (ACIP) yearly updates and guidelines for influenza
9. Review advances in options and community uptake of HIV PrEP
10. Discuss new agents and combinations of antiretroviral therapy for different patient populations
11. Describe updates in the therapy of sexually transmitted diseases
12. Recognize the public health challenges from the anti-vaccine movement
13. Describe the controversy around the meaning of the p value in clinical trials, and how to look at a research article critically
14. Identify the newest approaches to the prevention and therapeutic options for C difficile infections
15. Identify new treatment strategies for hepatitis B and C virus infections

Continuing Education Credit

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education through the joint providership of the Annenberg Center for Health Sciences at Eisenhower and the Remington Winter Course in Infectious Diseases. The Annenberg Center for Health Sciences at Eisenhower is accredited by the ACCME to provide continuing medical education for physicians.

The Annenberg Center for Health Sciences at Eisenhower designates this live activity for a maximum of 20.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Tuition

Rates are determined by the following schedule:

<table>
<thead>
<tr>
<th>Type</th>
<th>Deadline</th>
<th>Physician</th>
<th>Allied Health Professional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discounted</td>
<td>Registered by December 18, 2017</td>
<td>$945</td>
<td>$745</td>
</tr>
<tr>
<td>Regular</td>
<td>Registered by February 19, 2018</td>
<td>$1,045</td>
<td>$845</td>
</tr>
<tr>
<td>Onsite</td>
<td>Registered after February 19, 2018</td>
<td>$1,095</td>
<td>$895</td>
</tr>
</tbody>
</table>

*Fellows, Residents, and Students - $400

*Criteria for Postdoctoral Fellows and Residents
To be eligible for the reduced fee, you must be employed by an institution as a postdoctoral fellow who is within two years of graduation or a medical resident who is within six years of receipt of the M.D. degree. Proof of status is by letter from the head of the program on official university letterhead.

*Criteria for Student Rate
Any undergraduate or pre-doctoral student requesting the student rate must provide either a legible photocopy of a current University ID or a letter on university letterhead from the department chair, indicating your status and anticipated graduation date.

The Annenberg Center for Health Sciences at Eisenhower and Winter Course in Infectious Diseases reserve the right to modify the content, faculty and activities and reserve the right to cancel this activity if necessary.

Cancellation

If your registration must be cancelled and your request is received in writing on or before January 5, 2018, your paid tuition, less a $75 administrative fee, will be refunded. No refunds will be granted after January 5, 2018.

Acknowledgement

Multiple supporters from the pharmaceutical industry are being sought for the 44th Remington Winter Course in Infectious Diseases. Supporter names will be provided on-site.

Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

REGISTER AT WWW.WINTERCOURSE.ORG
Course Founder and Honorary Course Director

Jack S. Remington, MD, FACP, FRCP

Professor Emeritus (active), Department of Medicine
Division of Infectious Diseases and Geographic Medicine
Stanford University School of Medicine
Department of Pathology, Toxoplasma Serology Laboratory
Palo Alto Medical Foundation
Palo Alto, California

Course Directors

A.W. Karchmer, MD
Professor of Medicine
Harvard Medical School
Former Chief, Infectious Diseases
Beth Israel Deaconess Medical Center
Boston, Massachusetts

Richard P. Wenzel, MD, MSc
Professor and Former Chair
Department of Internal Medicine
Medical College of Virginia
Virginia Commonwealth University
Richmond, Virginia

Faculty

Katharine J. Bar, MD
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Assistant Professor of Medicine
Infectious Diseases
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Philadelphia, Pennsylvania

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Director, Infectious Disease Fellowship Program
Professor of Medicine
Hospital of the University of Pennsylvania
Philadelphia, Pennsylvania

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Director, Heart Transplant and Ventricular Assist Device Infectious Diseases Program
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Division of Geographic Medicine and Infectious Diseases
Tufts Medical Center
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Iowa City, Iowa

Edward W. Hook, III, MD
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Division of Infectious Diseases
Departments of Medicine, Microbiology and Epidemiology
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Birmingham, Alabama

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Associate Chief, Division of Infectious Diseases
Massachusetts General Hospital
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Boston, Massachusetts

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Harvard Medical School
Boston, Massachusetts

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Baltimore VAMC
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Baltimore, Maryland

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Senior Physician, Department of Medicine and Division of Infectious Diseases
Brigham and Women's Hospital
Boston, Massachusetts

John J. Treanor, MD
Professor of Medicine, Microbiology, and Immunology
University of Rochester School of Medicine and Dentistry
Rochester, New York

José G. Montoya, MD, FACP, FIDSA
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Department of Medicine
Division of Infectious Diseases and Geographic Medicine
Stanford University School of Medicine
Director, Toxoplasma Serology Laboratory
Palo Alto Medical Foundation
National Reference Center for the Study and Diagnosis of Toxoplasmosis
Palo Alto, California
### Monday, February 26

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00-1:50pm</td>
<td>Registration</td>
</tr>
<tr>
<td>1:50-2:00pm</td>
<td>Welcome and Introduction ~ Richard P. Wenzel, MD, MSc</td>
</tr>
<tr>
<td>2:00-2:30pm</td>
<td>Measles, the Vaccine and the AntiVax Movement: Symbols of a Public Health Challenge ~ Richard P. Wenzel, MD, MSc</td>
</tr>
<tr>
<td>2:30-3:00pm</td>
<td>ID Diagnostics at the Point of Care ~ Daniel J. Diekema, MD, D(ABMM), FACP</td>
</tr>
<tr>
<td>3:00-3:30pm</td>
<td>Infections in the LVAD-Heart Transplant Patient ~ Helen W. Boucher, MD, FACP, FIDSA</td>
</tr>
<tr>
<td>3:30-4:00pm</td>
<td>STDs: Updates in Therapy ~ Edward W. Hook, III, MD</td>
</tr>
<tr>
<td>4:00-4:30pm</td>
<td>Infections of Pacemaker – Defibrillator Devices and TAVI Infections ~ A.W. Karchmer, MD</td>
</tr>
<tr>
<td>4:30-5:00pm</td>
<td>Update in HIV Pre-exposure Prophylaxis ~ Katharine J. Bar, MD</td>
</tr>
<tr>
<td>5:00-5:30pm</td>
<td>Fever in the Returning Traveler ~ James H. Maguire, MD, MPH</td>
</tr>
<tr>
<td>5:30-7:00pm</td>
<td>Welcome Reception</td>
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### Tuesday, February 27

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:00-7:30am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:30-9:30am</td>
<td>Antibiotics – Approved and in the Pipeline – and Antibiotic Stewardship</td>
</tr>
<tr>
<td>9:30-10:00am</td>
<td>Influenza Treatment and Vaccine Updates ~ John J. Treanor, MD</td>
</tr>
<tr>
<td>3:15-4:00pm</td>
<td>Meet the Professors</td>
</tr>
<tr>
<td>4:00-4:30pm</td>
<td>Recognizing and Treating Complications of Endocarditis ~ A.W. Karchmer, MD</td>
</tr>
<tr>
<td>4:30-5:00pm</td>
<td>Treatment of Hepatitis C ~ Arthur Y. Kim, MD</td>
</tr>
<tr>
<td>5:00-6:30pm</td>
<td>Case Presentations ~ Moderator: Carl LeBuhn, MD</td>
</tr>
</tbody>
</table>

### Wednesday, February 28

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00-7:30am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:30-8:30am</td>
<td>The Future of the ID Physician ~ A.W. Karchmer, MD</td>
</tr>
<tr>
<td>8:30-9:00am</td>
<td>Immune Suppressing Monoclonal Antibodies and Infections ~ José G. Montoya, MD, FACP, FIDSA</td>
</tr>
<tr>
<td>9:00-9:30am</td>
<td>New Options for Antiretroviral Therapy ~ Katharine J. Bar, MD</td>
</tr>
<tr>
<td>9:30-10:00am</td>
<td>The Many Faces of Syphilis and Therapy ~ Edward W. Hook, III, MD</td>
</tr>
<tr>
<td>3:15-4:00pm</td>
<td>Meet the Professors</td>
</tr>
<tr>
<td>4:00-4:30pm</td>
<td>Diagnostic Stewardship ~ Daniel J. Diekema, MD, D(ABMM), FACP</td>
</tr>
<tr>
<td>4:30-5:00pm</td>
<td>Treatment of Non-HIV, Non-Hepatitis Viral Infections ~ John J. Treanor, MD</td>
</tr>
<tr>
<td>5:00-6:30pm</td>
<td>Case Presentations ~ Helen W. Boucher, MD, FACP, FIDSA and Daniel J. Diekema, MD, D(ABMM), FACP</td>
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### Thursday, March 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:00-7:30am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:30-8:00am</td>
<td>Critique of the Literature ~ Richard P. Wenzel, MD, MSc</td>
</tr>
<tr>
<td>8:00-8:30am</td>
<td>Multidrug Resistant Organism (MDRO) Prevention ~ Daniel J. Morgan, MD, MS</td>
</tr>
<tr>
<td>8:30-9:00am</td>
<td>BK and Other Viruses in Immune Suppressed Hosts ~ Emily A. Blumberg, MD</td>
</tr>
<tr>
<td>9:00-9:30am</td>
<td>Treatment of Hepatitis B ~ Arthur Y. Kim, MD</td>
</tr>
<tr>
<td>3:15-4:00pm</td>
<td>Meet the Professors</td>
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<td>4:00-4:30pm</td>
<td>Recognizing and Treating Complications of Endocarditis ~ A.W. Karchmer, MD</td>
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<td>5:00-6:30pm</td>
<td>Case Presentations ~ Moderator: Carl LeBuhn, MD</td>
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</table>

### Friday, March 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:00-7:30am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:30-8:00am</td>
<td>Severe Infections in Pregnancy ~ José G. Montoya, MD, FACP, FIDSA</td>
</tr>
<tr>
<td>8:00-8:30am</td>
<td>C. difficile Prevention and Management ~ Daniel J. Morgan, MD, MS</td>
</tr>
<tr>
<td>8:30-9:00am</td>
<td>Life-Threatening Infections After Stem Cell Transplantation ~ Helen W. Boucher, MD, FACP, FIDSA</td>
</tr>
<tr>
<td>9:00-9:30am</td>
<td>Therapeutic Options – Prosthetic Joint Infections ~ A.W. Karchmer, MD</td>
</tr>
</tbody>
</table>
**Course Location**

**The Westin Resort**
100 Elbert Lane
Snowmass Village, CO 81615

The course will take place at the Westin Resort in Snowmass, Colorado. A consistently well-ranked family ski vacation destination, Snowmass is brimming with kid-friendly attractions and experiences both on and off the mountain. The resort is not just popular among families; it’s a favorite ski resort for skiers and snowboarders of all levels and terrain preferences. Snowmass’ impressive 3,000-plus acres offers terrain ranging from wide-open groomers to playful glades and gullies to steep, backcountry-like runs. If you or your family members or friends have never skied or snowboarded before, Snowmass is an excellent choice for your first ski vacation. The resort boasts an award-winning ski school for kids and adults alike.

Off the mountain, Snowmass offers a lively après-ski scene and plenty of great restaurants with a wide variety of cuisine options and everything from fine-dining to family-friendly. If you’re looking for nightlife and wider selection of restaurants, downtown Aspen is just a nine-mile bus or cab ride away.

**Accommodations**

The Westin Resort offers signature ski-in ski-out lodging amenities, excellent facilities, and a variety of shopping, dining and nightlife options just steps away in the Snowmass Mall. Surround yourself in a haven of wellness and rejuvenation through innovative programs and amenities such as the Heavenly® Bed and Bath and the WestinWORKOUT® Fitness Studio. Pamper yourself in the onsite Westin Snowmass Spa and maintain a healthy lifestyle with the SuperFoodsRx™ menu.

A block of rooms has been reserved at the Westin for the nights of Sunday, February 25 through Friday, March 2 at the discounted group rates listed below, plus applicable taxes and fees.

Reservations should be made by contacting 800-525-9402 and referencing the Remington Winter Course. All costs, including room, tax and incidentals, are at your own expense. Guests who book their rooms through the Remington Winter Course will receive a reduced resort fee, and 20% discount to the Westin spa.

A limited number of rooms is available for this group, and reservations will be accepted on a first-come, first-served basis. Reservations made after December 22, 2017 will be subject to availability and prevailing room rates.
Discounted Lodging Rates

Group rates do not include tax, which is currently 12.8% on accommodations. Guests who book inside the group block will receive a discounted resort fee of $15 per night at the Westin and $12 per night at the Wildwood. The resort fee includes: free Aspen-Pitkin County Airport pick-up and drop-off, high speed internet access, ski valet, and local/800 calls. A deposit equal to the full value of the reservation will be charged 30 days prior to arrival. Cancellations made within 30 days of arrival will be subject to full forfeiture of room and tax charge.

**Westin Alpine Wing - $299**

**Westin Alpine Wing with Balcony - $319**

**Westin Pinnacle Wing Deluxe King - $339**

**Westin Pinnacle Wing Deluxe Queens or Premium King - $359**

**Westin Pinnacle Wing Premium Queens - $379**

**Wildwood - $179**

Discounted Condos

A variety of condos are available through Destination Residences at discounted rates for Remington Winter Course attendees. To reserve your condo and receive the discounted group rate, please call **800-922-7242** and reference the Remington Winter Course.

Travel

It is recommended that attendees fly into either Aspen/Pitkin County Airport (ASE) or Denver International Airport (DEN). The Aspen/Pitkin County Airport is just 8 miles from the Westin Resort; the resort fee includes complimentary airport transfers at arrival and departure.

For arrivals at the Denver International Airport or Eagle County Regional Airport, scheduled and chartered service options for ground transportation to the Westin Resort are available through Colorado Mountain Express at 800-525-6363.

The Annenberg Center for Health Sciences at Eisenhower and Winter Course in Infectious Diseases are not responsible for airline tickets or hotel accommodations for attendance at this course.

Attire

Casual attire is appropriate throughout the entire meeting.

Special Arrangements

Winter Course in Infectious Diseases is fully compliant with ADA regulations. Please contact us at 303-407-3411 to make special arrangements for this program.