TROPICAL & INFECTIOUS
DISEASE CONFERENCE

APRIL 21-22, 2017

CORPUS CHRISTI, TEXAS

Education Service Center, Region 2
209 N. Water St., Corpus Christi, Texas 78401
COURSE OVERVIEW

EDUCATIONAL NEED AND PROGRAM GOAL: Infectious diseases have long been among us and have shaped our history. Antibiotics were developed, immunizations improved public health and then the 20th century became the era of complacency. Unfortunately, this complacency, along with the era of affordable air travel, and controversy about childhood immunizations, has brought these re-emerging and tropical diseases back to our door in the 21st century. Physicians and other health professionals need to be able to identify the symptoms of these diseases, as well as treat them, since they can mimic other conditions and symptoms. Couple that with antimicrobial resistance and improper diagnosis, and the knowledge gap remains wide open. This conference will attempt to close that gap by discussing the infectious diseases common to our area, proper methods of diagnosing these diseases, and the new technology and methods to control, treat and contain the spread of these illnesses.

TARGET AUDIENCE: Family practice, internal medicine, infectious disease physicians, pediatricians, pharmacists, NPs, PAs, nurses and other interested health care professionals.

EDUCATIONAL METHODS: The format will consist of PowerPoint assisted lectures with integrated audience response questions, each followed by a brief question and answer session.

COURSE DIRECTOR: MICHAEL BULLEN, MD

DISTINGUISHED FACULTY:

Michael G. Bullen, MD, FIDSA
Infectious Disease Specialist
Corpus Christi, TX

Carrie L. Byington, MD
Pediatric Infectious Disease Specialist
Vice Chancellor for Health Services
Dean of the College of Medicine
Senior Vice President
Health Science Center
Texas A&M University
College Station, TX

Armando Correa, MD
Assistant Professor
Academic General Pediatrics
Baylor College of Medicine
Houston, TX

Herbert L. DuPont, MD, FACP, FIDSA
Director, Center for Infectious Disease,
UT Health School of Public Health
Mary W. Kelsey Distinguished Chair
in the Medical Sciences, University of Texas
McGovern Medical School
President and CEO,
Kelsey Research Foundation
Clinical Professor,
Baylor College of Medicine
Houston, Texas

Ashley Howard, MD
Pediatric Resident
Driscoll Children's Hospital
Corpus Christi, TX

Gary S. Marshall, MD
Professor of Pediatrics
Chief, Division of Pediatric Infectious Diseases
Director, Pediatric Clinical Trials Units
University of Louisville School of Medicine
Louisville, Kentucky

Earl Matthew, MD
Infectious Disease Specialist
Designated Institutional Official
Graduate Medical Education
CHRISTUS Spohn-Memorial
Corpus Christi, TX

Jane Siegel, MD
Pediatric Infectious Disease
Driscoll Children's Hospital
Corpus Christi, TX

Carl Vartian, MD, MS, FACP, FIDSA
Infectious Disease Specialist
Chief Medical Information Officer
HCA Gulf Coast Division
Pasadena, TX
EDUCATIONAL OBJECTIVES:
- Explain the epidemiology, clinical manifestations and lab features of murine typhus.
- Review diagnostic protocol of meningitis in the emergency room.
- Discuss the proper staging diagnostic tests based on spinal fluid results.
- Discuss molecular rapid diagnostic testing for respiratory and GI infections.
- Discuss how the epidemiology, clinical presentation, and morbidity of tuberculosis (TB) vary by age and immune status in relation to pediatric tuberculosis.
- Draft a therapeutic plan for children with TB exposure, infection, and disease.
- Define characteristics of the intestinal microbiome including diversity, richness and dysbiosis.
- Explain the process of fecal microbiota transplantation and its potential to reverse recurrent Clostridium difficile, carriage of antibiotic resistance and to modify chronic diseases.
- Describe modern concepts of infection control in the prevention of CDI in the hospital.
- Discuss the ethical considerations in regards to disclosure of serious medical errors.
- Discuss and review the Zika Virus and congenital Zika Syndrome.
- Explain the tendency for people to accept anecdotal experiences as indicative of causal relationships.
- Maintain high immunization rates despite pervasive anti-vaccinationism.

ACCREDITATION STATEMENTS:

PHYSICIANS:
The Texas A&M Health Science Center Coastal Bend Health Education Center (CBHEC) is accredited by the Texas Medical Association to provide continuing medical education for physicians.

CBHEC designates this educational activity for a maximum of 10.0 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

PHARMACISTS:
The Texas A&M Health Science Center Coastal Bend Health Education Center is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

The Tropical and Infectious Diseases Conference has been accredited for up to 10.0 contact hours of ACPE continuing pharmacy education. In order to receive continuing pharmacy education credit, participants must participate in the session(s) and complete a reporting form and program evaluation at the conclusion of the conference. This activity is knowledge based.

NURSES:
Texas A&M University-Corpus Christi College of Nursing and Health Science (TAMU-CC CONHS) is an approved provider of continuing nursing education by the Texas Nurses Association—Approver, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

To receive contact hours for this continuing education activity, the participant must:
- Complete evaluation of each session/day attended.
- Attend chosen sessions in their entirety.

Texas A&M University-Corpus Christi College of Nursing and Health Science (TAMU-CC CONHS) Approved Provider will offer up to 4.08 contact hours on Friday April 21, 2017 and up to 6.08 contact hours on Saturday April 22, 2017. Total contact hours for both days will offer up to 10.16 contact hours. Once successful completion has been verified:
- Participants will complete Self-Accruing Certificate, and return white copy of the Self-Accruing Certificate with evaluations.
- Participants will retain yellow copy of the Self-Accruing Certificate as your record of successful attendance.
# AGENDA

## FRIDAY APRIL 21, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>12:00–12:45 PM</td>
<td>Registration, Continental Breakfast, Visit Exhibitors</td>
<td>Central Hallway—3rd Floor</td>
</tr>
<tr>
<td>12:45–1:00 PM</td>
<td>Welcome</td>
<td>Auditorium: Room 311—3rd Floor</td>
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<tr>
<td>1:00–2:00 PM</td>
<td>It's Just a Little Flea Bite: Murine Typhus in South Texas</td>
<td>UAN: 0834-0000-16-023-L01-P Michael G. Bullen, MD, FIDSA</td>
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<td>2:00–3:00 PM</td>
<td>The Many Faces of Meningitis</td>
<td>UAN: 0834-0000-17-050-L04-P Earl Matthew, MD</td>
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<td>3:00–3:15 PM</td>
<td>Break and Visit Exhibitors</td>
<td>Central Hallway—3rd Floor</td>
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<tr>
<td>3:15–4:15 PM</td>
<td>Zika Virus and Congenital Zika Syndrome: A Comprehensive Review</td>
<td>UAN: 0834-0000-17-055-L04-P Ashley Howard, MD</td>
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<td>4:15–5:15 PM</td>
<td>Pediatric Tuberculosis</td>
<td>UAN: 0834-0000-17-051-L04-P Armando Correa, MD</td>
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<td>5:15–5:30 PM</td>
<td>Evaluations</td>
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## SATURDAY APRIL 22, 2017

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<td>Registration, Continental Breakfast, Visit Exhibitors</td>
<td>Central Hallway—3rd Floor</td>
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<td>7:45–8:00 AM</td>
<td>Welcome</td>
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<td>8:00–9:00 AM</td>
<td>Microbiome in Health, Disease and Antibiotic Resistance</td>
<td>UAN: 0834-0000-17-052-L04-P Keynote Speaker: Herbert L. DuPont, MD</td>
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<td>9:00–10:00 AM</td>
<td>Clostridium difficile Infection (CDI): An Emerging Hospital Crisis</td>
<td>UAN: 0834-0000-17-053-L01-P Keynote Speaker: Herbert L. DuPont, MD</td>
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<td>10:00–10:15 AM</td>
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<td>10:15–11:15 AM</td>
<td>Evolving Concepts in Hospital Infection Prevention and Control</td>
<td>UAN: 0834-0000-17-054-L04-P Jane Siegel, MD</td>
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<td>11:15–12:15 PM</td>
<td>Roots of Vaccine Hesitancy</td>
<td>UAN: 0834-0000-17-055-L04-P Gary S. Marshall, MD</td>
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<td>12:15–1:15 PM</td>
<td>Lunch</td>
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<td>1:15–2:15 PM</td>
<td>Molecular Detection of Respiratory Viruses: Interpreting Causality</td>
<td>UAN: 0834-0000-17-049-L04-P Carrie L. Byington, MD</td>
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<td>2:15–3:15 PM</td>
<td>Serious Medical Errors</td>
<td>UAN: 0834-0000-17-056-L05-P Carl Vartian, MD, MS, FACP, FIDSA</td>
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REGISTRATION

REGISTER ONLINE: cbhec.tamhsc.edu/store

MAIL: check payable to TAMHSC CBHEC, P.O. Box 2565, Corpus Christi, TX 78403

ON-SITE: Cash, check or credit card accepted

REGISTRATION FEE INCLUSIONS: Fees include conference meals, USB drive of presentation materials and printed syllabus. A limited number of printed presentation materials may be purchased for $50.

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<th>Registration &amp; Payment received after 3 p.m. CST on 4/13/2017</th>
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<td>MD, DO, PA, NP, PhD, PharmD, RPh</td>
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<tr>
<td>Full Conference</td>
<td>$250</td>
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<tr>
<td></td>
<td>Printed Presentation Materials (50)</td>
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ACCOMMODATION
A limited number of rooms are being offered to conference attendees at the Holiday Inn Downtown Marina for the special rate of $119 for single and $129 for double until March 30, 2017. For reservations call: 361.882.1700 and refer to 2017 Infectious Diseases.

REGISTRATION FORM for mail and on-site registrations only; please type or print clearly.

Name ____________________________
Title/Specialty ____________________________
Address ____________________________
City/State/ZIP ____________________________
Email Address ____________________________ Daytime Phone Number ____________________________
Special dietary considerations: ____________________________

Please note that printed presentation materials/handouts will not be provided at this conference. If you would like a binder with printed materials, they will be available for purchase. All attendees will be given a USB drive of presentation materials at registration. Presentations will be sent to participants who pre-registered via email through Syncplicity.

CANCELLATION POLICY
Notification of registration cancellation must be received by April 13, 2017, to obtain a refund, minus 25% for processing. No refunds will be made after this date. A W-9 form will be requested in order to process your refund. For questions, please call 361.561.8589.

PHOTO RELEASE
The event organizers and other participants may take photographs during the event. By registering for this event you give consent for the organizers, sponsors and other participants to publish these photos in printed materials or on the internet without additional notice. Individuals will never be identified/named in any photo unless prior written consent has been obtained from those individuals. If you do not wish to appear in any photos, please contact CBHEC and inform the event staff during registration.