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Albany College of Pharmacy
AND HEALTH SCIENCES

Infectious Diseases Symposium

Thursday, January 12, 2017

Program Locations

ACPHS-Albany, NY Campus
106 New Scotland Ave.
Room 201 / Gozzo Student Center
Albany, NY 12208

ACPHS – Colchester, VT Campus
261 Mountain View Drive
Room 114
Colchester, VT 05446

Infectious Diseases Symposium

January 12, 2017

Program Agenda

- 8:00am – 8:30am **Registration and Continental Breakfast**
- 8:30am - 8:40am **Introductory Remarks**
David M. Kile, M.S., R.Ph.
Executive Director of Continuing Education and Professional Development
Albany College of Pharmacy and Health Sciences – Albany Campus
- 8:40am - 9:40am **“Polymyxins: What do we really know?” - (Knowledge based activity)**
Tom Lodise Pharm.D., Ph.D.
Associate Professor, Department of Pharmacy Practice
Albany College of Pharmacy and Health Sciences – Albany, NY Campus
- Upon completion of the program, participants will be able to:*
- Provide a general overview of the two commercially available intravenous polymyxin formulations
 - Discuss recent dosing changes recommendations for the commercially intravenous polymyxin formulations
 - Discuss our current understanding of the PK/PD profiles of the commercially intravenous polymyxin formulations.
 - Discuss up-to-date knowledge of toxicodynamic relationships for intravenous polymyxins
 - Apply the results of recent seminal studies involving treatment of patients with infections due to CRE with intravenous polymyxins to clinical practice
- 9:40 – 10:00am **Break**
- 10:00 – 11:00am **Medication Errors: Focus on the HIV-Infected Patient - (Knowledge based activity)**
Nimish Patel, PharmD, M.S., PhD, AAHIVP
Associate Professor, Department of Pharmacy Practice
Albany College of Pharmacy and Health Sciences – Albany, NY Campus
- Upon completion of the program, participants will be able to:*
- List common causes of medication errors
 - Describe common examples of medication errors that have occurred in the HIV and non-HIV populations
 - List common methods to reduce incidence of medication errors
- 11:00am – 12:00pm **Why Antibiotics Fail in Patients with Renal Impairment - (Knowledge based activity)**
Monique Bidell, Pharm.D.
Assistant Professor, Department of Pharmacy Practice
Albany College of Pharmacy and Health Sciences – Albany, NY Campus
- Upon completion of the program, participants will be able to:*
- Identify antibiotics associated with decreased efficacy in the setting of renal impairment
 - Explain potential rationale for findings of decreased antibiotic efficacy in the setting of renal impairment
 - Discuss challenges/limitations of renal dose adjustment recommendations for antibiotics
- 12:00 pm – 12:45pm **Lunch**

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Program Agenda (continued)

12:45 pm – 1:45pm

Hospital Acquired Pneumonia/Ventilator Associated Pneumonia **(Knowledge based activity)**

J. Nicholas O'Donnell, Pharm.D., M.S.C.

Assistant Professor, Department of Pharmacy Practice

Albany College of Pharmacy and Health Sciences – Albany, NY Campus

Upon completion of the program, participants will be able to:

- Identify at least two changes in the 2016 HAP/VAP guidelines compared to the 2005 version
- Determine which patients require empiric MRSA coverage based on patient specific risk factors
- Describe the role of biomarkers in the diagnosis and management of nosocomial pneumonia
- Recognize currently available agents for the treatment of pneumonia caused by carbapenem-resistant Gram-Negative bacilli

1:45pm – 2:45pm

Zika Virus Update – (Knowledge based activity)

Jo Carreno, Pharm.D.

Assistant Professor, Department of Pharmacy Practice

Albany College of Pharmacy and Health Sciences – Albany, NY Campus

Upon completion of the program, participants will be able to:

- Identify patients at risk for Zika Virus
- Describe measures patients can take to prevent Zika Virus
- Describe long term sequelae of Zika Virus
- Distinguish between Zika and non-Zika infection

2:45pm

Program Adjourn



Albany College of Pharmacy and Health Sciences is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

UAN #s:

0045-0000-16-060-L01-P / 1 Contact Hour

0045-0000-16-061-L05-P / 1 Contact Hour

0045-0000-16-062-L01-P / 1 Contact Hour

0045-0000-16-063-L01-P / 1 Contact Hour

0045-0000-16-064-L01-P / 1 Contact Hour

Goals/Objectives: The goals of this activity are for the participants to:

- Recognize the place in therapy for the intravenous use of polymyxins for the treatment of infectious diseases.
- Describe the implications on adherence and clinical outcomes with single tablet regimens vs. multiple tablet regimens for the treatment of HIV.
- Recall the reasons why antibiotic treatments can fail in patients with renal impairment.
- Specify the latest standards of care in the treatment of hospital acquired pneumonia (HAP) and ventilator associated pneumonia (VAP).
- Identify the threats and the management of Zika virus infections.

Activity Type: Knowledge based.

Target Audience: Practicing pharmacists and student pharmacists.

Continuing Education Credit: Continuing Education credit has been approved for 5 contact hours or 0.5 Continuing Education Units (CEUs).

Participants must sign in at the registration table and must complete the online learning assessments for the activities attended after the program to receive credit for this activity. Upon completion and verification, your continuing pharmacy education credits will be sent to CPE Monitor. Statements of credit may be printed from the CPE Monitor website at: www.nabp.net/pharmacists, or from the ACPHS Learning Management System.

Handouts: Program handouts will be e-mailed prior to the program.

Registration for the Pharmacy Law Day Symposium: The registration fee of \$100.00 includes tuition, handouts, continental breakfast and lunch. **The deadline to register is Wednesday, January 4th. Registration will be closed after January 4th.**

Important: Learning Management System (LMS) Registration Information

The Albany College of Pharmacy and Health Sciences Department of Continuing Education and Professional Development implemented the ACPHS CPE learning management system in February 2015. The ACPHS CPE learning management system manages all phases of each continuing education activity - from registration through completion of evaluations - with secure, hosted software.

The LMS provides program participants the ability to create and manage their own accounts, complete activity requirements, and even print certificates of attendance.

All ACPHS program participants must create a personal LMS account, which includes your NABP #, your MM/DD of birth, and the name and address of your practice site if you are a preceptor, as well as your e-mail address.

You will be able to register, receive your handouts via e-mail, complete program evaluations and learning assessments all in one place. As soon as we receive and verify your completed activity requirements, your credits will automatically be submitted to CPE Monitor.

To establish your personal account, please go to the <https://pharmacyce.acphs.edu/>.

Step-by-step instructions can be found by going to: <http://www.acphs.edu/alumni/continuing-education> . Once there click on ACPHS Learning Management System.

You will have 30 days from the day of the program to complete the evaluations and learning assessments to receive ACPE credit.

On-site registrations are no longer accepted and paper handouts are not provided.