

# Inaugural Three Rivers Antimicrobial Stewardship Symposium

**Saturday, March 10, 2018**

*Magovern Conference Center  
Allegheny General Hospital  
Pittsburgh, Pennsylvania*



**Provided By:**

Division of Infectious Diseases  
Department of Medicine  
Allegheny General Hospital  
Allegheny Health Network



**Allegheny**  
Health Network

## Overview and Intended Audience

Antibiotic resistance is one of the world's most pressing public health threats. Each year in the United States, 2 million people become infected with bacteria that are resistant to antibiotics, and more than 23,000 people die as a direct result of these infections. An estimated 50% of antimicrobial use is unnecessary and inappropriate. Overuse and inappropriate use of antibiotics are directly responsible for the development of antibiotic resistance.

This course is designed to optimize the utilization of antimicrobials to maximize clinical cure while minimizing the unintended collateral damage associated with antimicrobial exposure. This will be accomplished by enhancing the knowledge and competence of individuals commonly prescribing antimicrobials at these institutions. Additionally, the symposium is designed to assist individuals involved with cultivating and advancing antimicrobial stewardship programs for their local health care institutions.

This course is designed for Infectious Disease physicians, general medicine physicians, critical care physicians, emergency medicine physicians, pharmacists, microbiologists, physician assistants, and nurses.

## Objectives

At the conclusion of the symposium, participants should be able to:

- Describe the rationale for antimicrobial stewardship program implementation and its benefits to patients, health care facilities, and society.
- Identify core components of effective antimicrobial stewardship.
- Apply antimicrobial stewardship interventions for commonly encountered disease states for their institutions.
- Explain strategies to translate antimicrobial stewardship principles into daily practice.
- Describe the role of advanced and rapid diagnostics and its potential impact on antimicrobial utilization.

## Conference Co-Directors

### **Derek N. Bremmer, PharmD, BCPS**

Clinical Pharmacy specialist, Infectious Diseases  
Allegheny General Hospital  
Allegheny Health Network  
Pittsburgh, Pennsylvania

### **Tamara L. Trienski, PharmD**

Clinical Pharmacy Specialist, Infectious Diseases  
Allegheny General Hospital  
Allegheny Health Network  
Pittsburgh, Pennsylvania

### **Thomas L. Walsh, MD**

Clinical Assistant Professor of Medicine  
Temple University School of Medicine  
Medical Director, Antimicrobial Stewardship Program  
Division of Infectious Diseases  
Allegheny General Hospital  
West Penn Hospital  
Allegheny Health Network  
Pittsburgh, Pennsylvania

## Invited Faculty

### **Edina Avdic, PharmD, MBA, BCPS AQ-ID**

Associate Director, Adult Antimicrobial  
Stewardship Program  
The Johns Hopkins Hospital  
Baltimore, Maryland

### **Cornelius (Neil) Clancy, MD**

Chief, Infectious Diseases,  
VA Pittsburgh Healthcare System  
Associate Professor of Medicine  
Director, XDR Pathogen Lab  
University of Pittsburgh  
Pittsburgh, Pennsylvania

### **Brooke Decker, MD**

Clinical Assistant Professor of Medicine  
Director, Infection Prevention,  
Veterans Affairs Pittsburgh Healthcare System  
Pittsburgh, Pennsylvania

### **Thomas M. File Jr., MD, MSc, MACP, FIDSA, FCCP**

Chair, Division of Infectious Diseases;  
Summa Health System, Akron, Ohio  
Professor of Internal Medicine and Master Teacher,  
and Chair, Infectious Disease Section  
Northeast Ohio Medical University (NEOMED)  
Rootstown, Ohio

### **Debra Goff, PharmD, FCCP**

Clinical Professor of Pharmacy  
The Ohio State University Wexner Medical Center  
Columbus, Ohio

### **Minh Hong Nguyen, MD**

Professor of Medicine  
Director, Transplant Infectious Diseases  
Director, Antimicrobial Management Program  
UPMC Presbyterian/Montefiore  
Pittsburgh, Pennsylvania

### **Louise Oleksiuk, PharmD, BCPS**

Adjunct Instructor, Pharmacy and Therapeutics  
University of Pittsburgh School of Medicine  
Clinical Pharmacy Specialist, Infectious Diseases  
and Antimicrobial Stewardship  
UPMC Presbyterian Shadyside  
Pittsburgh, Pennsylvania

*In accordance with the Accreditation Council for Continuing Medical Education (ACCME) and the Policy of Allegheny General Hospital, presenters must disclose all relevant financial relationships, which in the context of their presentation(s), could be perceived as a real or apparent conflict of Interest, (e.g., ownership of stock, honoraria or consulting fees). Any identifiable conflicts will be resolved prior to the activity. Any such relationships will be disclosed to the learner prior to the presentation(s).*

## Agenda

7:00 am - 7:45 am *Registration and Breakfast*

7:45am - 8:00 am **Welcome**

Thomas L. Walsh, MD

8:00 am - 8:30 am **Antimicrobial Stewardship: Why Should I care?**

Edina Avdic, PharmD, MBA, BCPS AQ-ID

8:30 am - 9:00 am **Core Activities and Supplemental Strategies**

Edina Avdic, PharmD, MBA, BCPS AQ-ID

9:00 am - 9:45 am **Role of Antimicrobial Stewardship in Pneumonia**

Thomas M. File Jr., MD, MSc, MACP, FIDSA, FCCP

9:45am - 10:00 am *Break*

10:00 am - 10:45 am **Role of Antimicrobial Stewardship in Skin and Soft Tissue Infections**

Thomas L. Walsh, MD

10:45 am - 11:30 am **Update on Rapid Diagnostics and Role of Stewardship**

Debra Goff, PharmD, FCCP

11:30 am - 12:15 pm **Update on Fungal Diagnostics and Impact on Optimizing Patient Care**

Cornelius (Neil) Clancy, MD

12:15 pm - 1:00 pm *Lunch*

1:00 pm - 4:00 pm **Strategies Utilized at Local Antimicrobial Stewardship Programs**

1:00 pm - 1:20 pm **The Role of Technology in Antimicrobial Stewardship**

Debra Goff, PharmD, FCCP

1:20 pm - 1:40 pm **Strategies and Implementation: Pre-authorization Versus Post-Prescription**

Edina Avdic, MBA, BCPS AQ-ID

1:40 pm - 2:00 pm **Impact of Procalcitonin Guidance on the Management of Lower Respiratory Tract Infections**

Derek Bremmer, PharmD, BCPS

2:00 pm - 2:20 pm **Antibiotic Stewardship in the Molecular Era**

Minh Hong Nguyen, MD

2:20 pm - 2:40 pm *Break*

2:40 pm - 3:00 pm **Assessment of the Impact of an Antibiotic Allergy Protocol**

Thomas M. File Jr., MD, MD, MSc, MACP, FIDSA, FCCP

3:00 pm - 3:20 pm **Use of Long-Acting Lipoglycopeptides in ED as Hospital Avoidance Tool**

Louise Oleksiuk, PharmD

3:20 pm - 3:45 pm **Outpatient Antibiotic Prescribing at Veterans Affairs facilities**

Brooke Decker, MD

Veterans Affairs Pittsburgh Healthcare System

3:45 pm *Evaluations and Adjourn*

## Accreditation

### Physicians



Allegheny General Hospital is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Allegheny General Hospital designates this live activity for a maximum of 7.25 *AMA PRA Category Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Nurses

West Penn Hospital is an approved provider for continuing nursing education by the Pennsylvania State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

### Other Credit

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category Credits™* from organizations accredited by the ACCME.

American Academy of Nurse Practitioners (AANP) accepts *AMA PRA Category Credits™* from organizations accredited by the ACCME.

American Academy of Physician Assistants (AAPA) accepts *AMA PRA Category Credits™* from organizations accredited by the ACCME.

Allegheny General Hospital has approved this activity for 7.25 contact hours for non-physicians.



Allegheny General Hospital Department of Pharmacy Services is accredited by the Accreditation Council on Pharmacy Education as a provider of continuing pharmacy education. Applications for 4.0 CEU (4.0 contact hour of credit) are in progress. To receive CPE credits, the participant must attend the activity and complete the on-line evaluation. Statements of Continuing Pharmacy Education will be distributed via the NABP CPE Monitor to attendees within 60 days of this program. Initial Release date: 9/22/17

## Conference location and parking

Allegheny General Hospital, Magovern Conference Center  
Parking will be provided in the James Street Garage free of charge.

## Registration Information

The registration fee includes the course materials, continental breakfast, lunch, and break refreshments.

Fee: \$40 Physicians  
\$30 Pharmacists  
\$20 Nursing and Others  
*Residents and Fellows waived*

### **DEADLINE: March 3, 2018**

***(Registrations will be taken after the deadline date on a space-available basis.)***

**TO REGISTER:** To register online, please go to **[www.aghcme.org](http://www.aghcme.org)**. To register by mail, complete the registration form and return it with the registration fee:

Continuing Medical Education  
Allegheny General Hospital  
320 East North Avenue  
Pittsburgh, Pennsylvania 15212-4772  
Fax (412) 359-8218

The preferred method of payment is by VISA, MasterCard, American Express, or Discover; however checks will be accepted made payable to **Allegheny General Hospital**.

## Refund Policy

A refund of the registration fee, less a 10% processing fee, will be made when a written request or a telephone request followed by a written confirmation is received prior to one week from conference date. After this date, refunds will not be made. Fees will not be refunded for failure to attend.

Allegheny General Hospital reserves the right to cancel or postpone any conference because of unforeseen circumstances or insufficient enrollment. In the event of such cancellation, full tuition will be refunded.

## Additional Information

Contact the CME office by phone at 412-359-4952 or by email to **[Bernice.sulkowski@ahn.org](mailto:Bernice.sulkowski@ahn.org)**. Online registration will be accepted on our website at **[www.aghcme.org](http://www.aghcme.org)**. Select Conference Schedule and scroll down to conference and click on register.

Registration for **Inaugural Three Rivers Antimicrobial Stewardship Symposium** is required. Please complete this registration form and return it with your payment no later than **March 3, 2018**.

- \$40 Physicians
- \$30 Pharmacists
- \$20 Nursing and Others
- Residents and Fellows
- Add vegetarian lunch

Name/Degree

*(print name and degree, if applicable, as you wish it to appear on badge)*

Affiliation

Home or  Business Address (including department):

*(where you prefer mail to be sent)*

City

State

ZIP

Day Telephone (            )

FAX# (            )

Email

**Method of Payment:**  Credit Card  Check

**Credit Card Type:**  Visa  MasterCard  American Express  Discover

**Total Amount**

**Credit Card #**

**Exp. Date**

**Name on Card**

**Signature\***

*\* By signing this form, I authorize Allegheny General Hospital to charge my credit card for the above amount. My signature also indicates that I will not dispute this charge in the future through my credit card company.*

If you require assistance with hearing, vision, or mobility to make this conference accessible to you, please check this box and contact the CME office at **(412) 359-4952** at least two weeks prior to the conference date.

Fax (412) 359-8218

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