

To: ISM Members

From: Bill Carvell (ISM Council Member, Academic)

The following biology seminar series, *Addressing Antibiotic Resistance*, is being offered at Benedictine University, Tuesday evenings, February 11 through April 21. I would like to extend an invitation to you to attend sessions that may interest you.

The Associated Colleges of the Chicago Area (ACCA), a consortium of 15 private liberal arts colleges and universities, has worked collaboratively since 1965 to jointly offer education programs for their students. A fall and spring undergraduate biology seminar is a longstanding part of this programming. The spring 2020 semester topic is on antibiotic resistance, and developed and organized through my association with ISM and our strong interest in engaging students in microbiology.

If you would like to attend, I do ask that you notify me. A predictable group of students participate each week as part of their class. However, a more fluid number of students, faculty, and others may attend individual sessions. I want to be prepared to accommodate everyone. I also can assist you with logistics; and importantly, I can notify you in case of changes, such as weather or speaker cancellations.

In terms of format, presentations are geared toward an undergraduate audience. Seminar speakers are asked to discuss all the details of their work but are given additional time to give background information, to translate more complex concepts and data, and to interact with students.

The seminar is scheduled for **Goodwin Hall, Room 416** (#8 on the map). There is an elevator in the main lobby of the building. There is convenient parking near Goodwin Hall, including a parking garage. Nearly all parking is open. Campus map: <https://www.ben.edu/about/location.cfm>

If you have any questions, please do not hesitate to contact me.

Contact Information:

William N. Carvell, PhD

Department of Biological Sciences

Benedictine University

Lisle, IL 60532

wcarvell@ben.edu

630-829-6543

Addressing Antibiotic Resistance

ACCA Spring 2020 Biology Seminar, 10 Tuesdays, 7 – 9pm
Benedictine University, Goodwin Hall (GD416)

Preventing the Spread of Multidrug-Resistant Organisms: Public Health in Action

2/11 Angela Tang, MPH
Healthcare-Associated Infections Epidemiologist,
Illinois Department of Public Health, Division of Patient Safety and Quality
Hannah Doseck, MPH
HAI Epidemiologist, Hektoen Institute, LLC, Illinois Department of Public Health Grantee

The Marvelous Ribosome as Antibiotic Target: Stopping Protein Synthesis before it Starts and After it Finishes

2/18 Alexander Mankin, PhD
Professor, Center for Biomolecular Sciences and
Department of Pharmaceutical Sciences., University of Illinois Chicago

Synthetic Biology to Combat Antibiotic Resistance

2/25 Mark Mimee, PhD
Assistant Professor of Microbiology, University of Chicago

Meat, Milk, and Mutts: How Veterinarians Prevent Antimicrobial Resistance

3/3 John Herrmann, DVM, MPH, DACT
Clinical Associate Professor, School of Public Health, University of Illinois Chicago; and Center for One
Health Illinois, College of Veterinary Medicine, University of Illinois at Urbana-Champaign
Yvette Johnson-Walker, DVM, PhD
Clinical Instructor, Department of Veterinary Clinical Medicine,
College of Veterinary Medicine, University of Illinois-Champaign

Microbiota-Mediated Defense Against Infection

3/10 Matthew Sobara, PhD
Post Doctoral Scholar (Eric Pamer Lab)
Departments of Medicine and Microbiology, University of Chicago

Optimizing Antimicrobial Therapy for the Post-Antibiotic Era

3/24 Eric Wenzler, PharmD
Assistant Professor, Department of Pharmacy Practice, University of Illinois at Chicago

Disease Detectives: Tracking Chicago's Superbugs

3/31 Stephanie R. Black, MD, MSc
Medical Director, Communicable Disease Program, Chicago Department of Public Health

Laboratory Methods for Detecting Antimicrobial Resistant Pathogens

4/7 Nicholas Moore, PhD, MLS(ASCP)
Assistant Professor, Medical Laboratory Science, Medicine (Infectious Diseases) & Pathology,
Assistant Director, Division of Clinical Microbiology, Rush University Medical Center

Microbial Genomics and Antibacterial Resistance

4/14 Egon A. Ozer, MD, PhD
Assistant Professor of Medicine, Division of Infectious Diseases,
Feinberg School of Medicine, Northwestern University

Innate Resistance Mechanisms in Opportunistic Bacterial Pathogens

4/21 Howard Shuman, PhD
Professor of Microbiology, University of Chicago
