

# 2022 Professional Immunization Seminar:

*The Magic of Vaccines*



**Friday, October 21, 2022**

Ambassador Banquet and Conference Center • 7794 Peach St. • Erie, Pa.

IN PERSON OR VIRTUALLY

Presented by

**UPMC | HAMOT**

In partnership with



**Public Health**  
Prevent. Promote. Protect.  
Erie County Department of Health  
Erie County, Pennsylvania

## Program Outline

7 to 8 a.m.	<b>Registration/Continental Breakfast</b>
8 to 8:05 a.m.	<b>Introduction</b>
8:05 to 8:50 a.m.	<b>State Immunization Update</b> <i>Thomas McCleaf</i>
8:50 to 9:20 a.m.	<b>Addressing Vaccine Misinformation on Social Media (a virtual presentation)</b> <i>Zachary Rubin, DO</i>
9:20 to 10:05 a.m.	<b>You Mean There's More to Inactive Vaccines Than Polysaccharide and Conjugate?</b> <i>Luke Gilmore, PharmD</i>
10:05 to 10:20 a.m.	<b>Break</b>
10:20 to 11:35 a.m.	<b>CDC Update</b> <i>Andrew Kroger, MD, MPH</i>
11:35 a.m. to Noon	<b>AM Panel Discussion</b>
Noon to 12:50 p.m.	<b>Lunch</b>
12:50 to 1:15 p.m.	<b>Immunizing Cancer Patients</b> <i>Zulfiqar Hussain, MD, FAC</i>
1:15 to 1:45 p.m.	<b>On-Demand Nasal Spray as Possible Prevention for COVID-19 and Other Viral Illnesses</b> <i>Lisa Rohan, PhD</i>
1:45 to 2:15 p.m.	<b>Resources in the Community</b> <i>Sherrai Holland</i>
2:15 to 2:30 p.m.	<b>Break</b>
2:30 to 3 p.m.	<b>Vaccinations in Pregnancy</b> <i>Christina Megli, MD, PhD</i>
3 to 3:45 p.m.	<b>#Vaccination Communication (a virtual presentation)</b> <i>Todd Wolyynn, MD</i>
3:45 to 4:10 p.m.	<b>PM Panel Discussion</b>
4:10 p.m.	<b>Closing Remarks and Adjournment</b>

## Help Us Help You

*Do you have a question that you would like to submit to the speakers in advance?* Send an email to [HAM\\_CME@upmc.edu](mailto:HAM_CME@upmc.edu) titled "Immunization Question." These questions will be compiled and presented at the panel discussion sessions along with live questions from the audience.

## Goal

This activity has been designed to provide up-to-date education to health care providers in order to improve health outcomes in the field of immunization and vaccine-preventable diseases. New recommendations and guidelines will be addressed through didactic lectures and panel discussions.

## Target Audience

Family practice physicians, pediatricians, internists, medical residents, medical students, advanced practice providers, nurses, school nurses, nursing students, pharmacists, pharmacy residents, and pharmacy students will benefit from attendance at this activity.

## Objectives

*At the conclusion of this activity, the participant should be able to:*

- Review updated state immunization guidelines and statistics
- Review best practices in vaccine handling and storing
- Discuss how to address vaccine misinformation online
- Describe strategies for growing your social media presence
- Compare and contrast the new inactive vaccine technologies
- Discuss how each new type of vaccine confers immunity
- List the advantages and disadvantages of each new type of inactive vaccine
- Describe how the new vaccine development technologies relate to the COVID-19 vaccines
- Utilize the recommended Advisory Committee on Immunization Practice (ACIP) schedules for children, adolescents, and adults
- Summarize the latest updates from the Centers for Disease Control (CDC) on vaccines and vaccine-preventable diseases
- Review timing of when to immunize during chemotherapy
- Describe the mechanism for preventing COVID-19 and other viral illnesses via nasal inhalation of modified naturally occurring proteins
- State the clinical applications for use of an on-demand product used to prevent COVID-19 and other viral infections
- Discuss resources in the community for the uninsured and homeless
- Describe the barriers to understanding vaccination in pregnancy
- Discuss the safety and efficacy data for maternal-infant dyads with COVID-19 vaccination during pregnancy
- Discuss the antivaccine and vaccine-hesitant mindset
- Identify ways to prepare for and defend against antivaccine attacks
- Recognize the importance of health care providers as advocates and vocal supporters of vaccine

## Special Needs

Participation by all individuals is encouraged. Advance notification of any special needs (i.e., gluten-free or vegan meal, private room for nursing mothers, handicap accessibility) will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling UPMC Hamot's CME office at 814-877-5691.

## Cancellation Policy

Please notify UPMC Hamot's CME Department of substitutions and cancellations, via email to [ham\\_cme@upmc.edu](mailto:ham_cme@upmc.edu) or by telephone at 814-877-5691.

## Accreditation

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the health care team.

## PHYSICIAN (CME)

The University of Pittsburgh designates this live activity for a maximum of 6.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## PHARMACY (CPE)

This knowledge-based activity provides 6.75 contact hours of continuing pharmacy education credit.

## NURSING (CNE)

A maximum of 6.75 nursing contact hours will be awarded. Participants will be able to claim credit commensurate with the extent of their participation in the program.

## OTHER HEALTH CARE PROFESSIONALS

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

## Disclosure

Faculty for this activity have been required to disclose all relationships with any proprietary entity producing health care goods or services, with the exemption of nonprofit or government organizations and non-health-care-related companies.

## Seminar Director

***Danielle Mehlenbacher, DO***

Division of Family Medicine  
Vineyard Primary Care  
UPMC Hamot

## Faculty

***Luke Gilmore, PharmD***

Director, Experiential Education  
and Assistant Professor, Pharmacy  
Practice, LECOM School of Pharmacy

***Sherrai Holland***

Program Coordinator, Health Care for  
the Homeless, Community Health Net

***Zulfiqar Hussain, MD, FAC***

Division of Oncology  
UPMC Hillman Cancer

***Andrew Kroger, MD, MPH***

Medical Officer, Centers for  
Disease Control and Prevention's  
Center for Immunization and  
Respiratory Diseases

***Thomas McCleaf***

Director, Division of Immunizations,  
Pennsylvania Department of Health

***Christina Megli, MD, PhD***

Research Assistant Professor,  
Department of Obstetrics, Gynecology  
and Reproductive Sciences,  
UPMC Magee-Womens Hospital

***Lisa Rohan, PhD***

Professor, Pharmaceutical  
Sciences, University of  
Pittsburgh School of Pharmacy

***Zachary Rubin, DO***

Clinical Immunologist  
Oakbrook Allergists

***Todd Wolynn, MD***

Chief Executive Officer  
Kids Plus Pediatrics Pittsburgh

## Planning Committee

Cynthia Brown, RN  
Haylee Esposito  
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Michael Reslink, LPN  
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Janet Strayer, RN  
Shannon Wienczkowski, RN  
Karen Wiggers, RN  
Janice Zillman, RN



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### Two Ways to Attend This Hybrid Conference

#### IN PERSON

Join us in the Crystal Ballroom at the Ambassador Banquet and Conference Center, behind the Courtyard by Marriott at 7794 Peach St., Erie, Pa.

Registration fees includes the seminar, continental breakfast, refreshment breaks, and lunch.



#### VIRTUALLY VIA ZOOM

Registrants will be emailed a Zoom link three days prior to the conference. Virtual attendees will be able to ask questions using the Q&A function in Zoom.

### Registration Fees

#### IN PERSON

Physicians .....	\$120
Pharmacists.....	\$90
Advanced Practice Providers .....	\$80
Nurses/Others .....	\$60
Residents/Students .....	\$30

#### VIRTUAL

Physicians .....	\$100
Pharmacists.....	\$70
Advanced Practice Providers .....	\$60
Nurses/Others .....	\$40
Residents/Students .....	Free

### Online Registration

All registration will be through our online registration site at:

<https://cce.upmc.com/2022immunization>. Click the “Register” button and enter all the requested information.

After registering, an electronic confirmation will be sent to you. Online registration is complete upon receipt of a confirmation email. If you do not receive this letter within 5-7 days of registration, please contact the UPMC Hamot CME Department at 814-877-5691.

*If you need to pay by check*, please call the UPMC Hamot CME Department at 814-877-5691.

### UPMC EMPLOYEE PAYMENT VIA JOURNAL ENTRY TRANSFER OR MEB SCHOLARSHIP FUNDS

If you are a UPMC employee and your department will be responsible for payment, we can charge your department directly. For journal transfer and MEB forms, please visit: <https://cce.upmc.com/2022immunization>.



**UPMC Hamot**  
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[UPMCHamot.org](http://UPMCHamot.org)

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