

**THIS TRAINING IS FOR
PHARMACISTS EMPLOYED IN
BALTIMORE COUNTY ONLY**

THERE IS **NO CHARGE TO THE
PARTICIPANT** FOR THIS TRAINING

**REGISTRATION DEADLINE:
FEBRUARY 15**

**THIS SEMINAR IS LIMITED TO THE
FIRST 25 PEOPLE REGISTERED**

**HOSTED BY:
THE UNIVERSITY OF MARYLAND
SCHOOL OF PHARMACY**

In collaboration with the
**Baltimore County
Department of Health**



*Healthy people living, working, and playing
in Baltimore County*

Gregory Wm. Branch, M.D., MBA, CPE,
Health Officer and Director
Baltimore County Executive Jim Smith and
the Baltimore County Council

Instructors:
Lauren Angelo PharmD;
Lisa Charneski PHARM.D.,
Faculty with the Department of Pharmacy
Practice and Science, University of
Maryland School of Pharmacy

**CONTINUING PHARMACY EDUCATION (CPE)
CREDIT**

CPN: 202-0014: Expiration Date: 12/31/10
Successful completion of the live seminar
component involves passing the final
exam with a grade of 70% or higher and
demonstrating competency in 2
intramuscular and 1 subcutaneous
injection. Successful completion of this
component will result in 8.0 contact hours
of continuing pharmacy education credit
(0.80 CEU).

ACPE UAN: 202-000-09-001-L01-P

Successful completion of the self-study
component involves passing the self-study
assessment questions with a grade of
70% or higher and will result in 12.0
contact hours of continuing pharmacy
education credits (1.2 CEU).

ACPE UAN: 202-000-09-002-H01-P



The American Pharmacists
Association is accredited by the
Accreditation Council for
Pharmacy Education as a provider
of continuing pharmacy education.



Pharmacy-Based Immunization Delivery: A
Certificate Program for Pharmacists was
developed by the American Pharmacists
Association, and is supported in-part by an
educational grant from VaxServe.



**Pharmacy-Based
Immunization Delivery**

****FOR PHARMACISTS EMPLOYED
IN BALTIMORE COUNTY ONLY ****

**SUNDAY, FEBRUARY 28, 2010
8 A.M TO 6 P.M.**

UNIVERSITY OF MARYLAND
SCHOOL OF PHARMACY
20 NORTH PINE STREET
BALTIMORE, MD 21201

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PARTICIPANT FOR THIS TRAINING**

This program is funded by the U.S. Department
of Health and Human Services Centers for
Disease Control and Prevention Public Health
Emergency Response Grant through the
Maryland Department of Health & Mental
Hygiene

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Pharmacy-Based Immunization Delivery is an innovative and interactive training program that teaches pharmacists the skills necessary to become a primary source for vaccine information and administration. The program teaches the basics of immunology and focuses on practice implementation and legal/regulatory issues.

The purpose of this educational program:

1. Provide comprehensive immunization education and training
2. Provide pharmacists with the knowledge, skills, and resources necessary to establish and promote a successful immunization service
3. Teach pharmacists to identify at-risk patient populations needing immunizations
4. Teach pharmacists to administer immunizations in compliance with legal and regulatory standards

SEMINAR AGENDA

Registration/Check-in and Continental Breakfast

Welcome, Introductions and Acknowledgements
Program Overview

The Importance of Vaccines and The Pharmacist's Role in Vaccine Delivery
How Do Vaccines Prevent Disease?

Vaccine-Preventable Diseases (Part I)

Morning Break

Vaccine-Preventable Diseases (Part II)

Identifying Vaccination Needs

Lunch (included)

Establishing a Pharmacy-Based Immunization Program
Practice Implementation

Afternoon Break

Adverse Events Following Vaccination and Emergency Preparedness
Vaccine Administration Technique

Transitional/ Summary Remarks

Skills Training and Assessment

Pharmacy-Based Immunization Delivery certificate training program is a Practice-based activity conducted in two parts – a self-study learning component and a live training seminar. *A Certificate of Achievement will be awarded to participants who successfully complete all program components.*

Key learning objectives for the live training seminar:

- Identify opportunities for pharmacists to become involved in immunization delivery.
- Describe how vaccines evoke an immune response and provide immunity.
- Identify the vaccines available on the U.S. market for each vaccine-preventable disease and classify each vaccine as live attenuated or inactivated.
- Outline the target groups for vaccination based on the Advisory Committee for Immunization Practices recommendations.
- Review patients' medical and immunization histories and determine vaccine recommendations based on current immunization schedules.
- Outline the steps involved in establishing a pharmacy-based immunization delivery program.
- Discuss the legal, regulatory, and liability issues involved with pharmacy-based immunization programs.
- Describe the signs and symptoms of adverse reactions that can occur after vaccination and the emergency procedures for management of patients with adverse reactions to vaccination.
- Describe the appropriate technique for administration of the live attenuated influenza vaccine.
- Demonstrate appropriate intramuscular and subcutaneous injection technique for adult immunization.

For a more complete list of program learning objectives, please go to APhA's website, www.pharmacist.com/ctp.



To register for this program, please complete and fax this form by February 15, 2010 to:
University of Maryland School of Pharmacy, ATTN: Morgan Davis Continuing Education Coordinator
FAX: 410-706-4012 (Phone: 410-706-0761 email: mdavis@rx.umaryland.edu)

This program is limited to the first 25 registered participants. It is limited to Pharmacists working in Baltimore County. There is **NO CHARGE TO THE PARTICIPANT FOR THIS PROGRAM.**

Name (Please Print or Type)		City		State		Zip Code	
Mailing Address (Not a PO Box)		Fax Number		Email Address		Work Phone Number	
Telephone Number		Work Address					
Employer							
Current Status: <input type="checkbox"/> Yes, I have a current CPR certificate. Exp. Date: _____							
<input type="checkbox"/> No, I do not have a current CPR certificate. I plan to become certified by _____							