



HOSTED BY:
THE UNIVERSITY OF MARYLAND
SCHOOL OF PHARMACY

AUGUST 22, 2009
 20 NORTH PINE STREET
 BALTIMORE, MD 21201

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

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.



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**
- 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

**Instructors: Cherokee Layson-Wolf PharmD;
 LISA CHARNESKI PHARM D**

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).
 ACEPE 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).
 ACEPE 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.

To register for this program, please complete and fax this form by **July 17, 2009** to:
 [Name of Organization Accepting Registrations] **ATTN: Morgan Davis Continuing Education Coordinator**
 At 410-706-0761 mdavis@rx.umaryland.edu FAX:410-706-4012

This program is limited to the first 25 registered participants.

Name – Please Print or Type _____

Mailing Address (Not a PO Box) _____ **City** _____ **State** _____ **Zip Code** _____

Telephone Number _____ **Fax Number** _____

Email Address _____

Current Status: Pharmacist Student Other: _____

Yes, I have a current CPR certificate. Exp. Date: _____

No, I do not have a current CPR certificate. I plan to become certified by _____

NOTE: Please be advised that this program is subject to postponement or cancellation if the required minimum number of registrants is not met at least 30 days prior to the program.

Tuition: ___\$300.00 Preceptor ___\$325.00 Alumni ___\$350.00 Non-preceptor/non-alumni

Check # _____ payable to: University of Maryland Baltimore

Credit Card: VISA or MASTERCARD ONLY (circle one)

Number: _____

Security Code: _____ Exp. Date: _____

Name on Card: _____