



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](http://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 and 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:  
 University of Maryland School of Pharmacy **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: \_\_\_\_\_