Community-Based Immunization Delivery
Elective Course
Phar 6208: 1 credit

Course Director:
Laura Palombi, PharmD, MAT, AE-C
Assistant Professor
117 Life Science
Phone: 218-726-6066
Email: lpalombi@d.umn.edu

Room & Time:
Mondays, 11:15 AM – 12:05 PM (only on days designated in the schedule); L Sci 160

Prerequisites:
• Successful completion of Phar 6172: Pharmaceutical Care Skills II
• Enrollment at the University of Minnesota College of Pharmacy Duluth campus
• CPR certification
• Bloodborne pathogen training

Course Description:
In this course, students will learn about, plan and implement influenza immunization clinics. This will be an expansion and application of the knowledge and skills learned in Phar 6172 ("lab"). Students will work independently and in assigned teams on specific Field Experiences. These Field Experiences involve immunization clinics in coordination with the University of Minnesota, Duluth Health Services as well as immunizing with a pharmacist-mentor at a community pharmacy site.

Learning Objectives:
1. Describe the history, scope of practice, and current status of pharmacy-based immunization services in Minnesota
2. Demonstrate an understanding of the public health role that health care practitioners play with respect to population-based disease prevention
3. Demonstrate clinical expertise in administering influenza vaccine to adults including: knowledge and application of screening practices, dose and patient preparation, vaccine administration, program implementation, needle-stick protocols and response protocols for urgent and emergent adverse reactions related to vaccine administration
4. Understand common barriers to vaccination and effectively address individual concerns in a patient-centered fashion
5. Collaborate effectively with other health professionals in staffing immunization clinics.
6. Recognize the leadership influence of pharmacists, pharmacy staff and student pharmacists through supporting and facilitating pharmacy practice advancement
**Course Website:**

All information relating to this course once posted, is available 24 hours/day, 7 days/week on the Moodle website. Please refer to this site for the syllabus, schedule, assignments and other course materials.

**Technical Support:**

If you require assistance with Moodle, please take the following steps: Step 1: Visit the technical support links in the left side bar of the course site to troubleshoot the problem through self-help pages, or if you cannot find your answer there, e-mail moodle@umn.edu. Step 2: If your problem cannot be solved with self-help, call the ‘One Help’ help desk at 218.726.8847.

Following these steps will ensure you get the assistance you need in a timely manner. Please do not hesitate to contact Tech Support. They are there to help!

**Course Questions?**

If there are questions about the course schedule or content, you should consult the following resources in the following order: (1) course syllabus (2) course director.

**Required/Recommended Textbooks:**

There will be no required textbook for this course. Materials related to facilitating immunization delivery will be provided to students in class or via the course Moodle site. It will be expected that students read the popular press and listen to TV and radio to hear the health promotion messages being delivered to the general public regarding vaccines. This type of environmental scanning will assist the students in responding to common concerns expressed by participants in the flu clinics and patients in the community. The beginning of each class period will include a discussion of the results of this environmental scanning.

**Communication:**

E-mail is the official mode of communication for the University. You will learn of course activities and updates via University e-mail and the course Moodle site. You will be responsible for the information available through these media. You should check your University e-mail at least once daily and the course Moodle site at least weekly before class or clinic for course updates. We recommend you create a folder in your University e-mail account to save all of the e-mail communications related to this course. This course may also require that you communicate frequently with practicing pharmacists in the community. You should be proactive at initiating and maintaining communication with them. If you encounter difficulty with this, contact your teaching assistant or course directors.

**Room & Time:**

Mondays, 11:15 AM - 12:05 PM, Room L Sci 160

A 50-minute class will be held weekly throughout the semester. Topics will be covered in the classroom pertaining to pharmacy immunization programs and societal issues related to vaccinations and public health initiatives.
Course Structure/Grading Policy:
This course will be graded on a pass/fail basis. Students’ work and performance will be evaluated by the Course Director(s) and pharmacist faculty at the field site. The Course Directors will make final grade decisions. In order to pass this course, students must meet the expectations listed in the following section. Failure to meet the course expectations outlined may result in the assigning of additional learning activities, at the discretion of the Course Directors.

Course Expectations of Students:
1.) To earn a passing grade you must participate and satisfactorily perform in all course activities (details in Moodle)*:
   a. Attend all classes and course activities unless excused by course director
   b. Arrive at classes, meetings with pharmacists, and immunization clinics in a timely fashion.
   c. Communicate openly and respectfully with all patients, classmates, and health professionals.
   d. Participate in at least one campus immunization clinic.
   e. Complete three hours of immunizing/immunization activities in conjunction with a community pharmacist mentor at (off-campus at a pharmacy or flu clinic site)
   f. Complete Clinic Design Assignment in collaboration with your team by 11/24/14.
   g. Actively and thoughtfully participate in face-to-face and online discussions.
2.) Honor all course policies outlined in the syllabus (dress code, tardiness, patient confidentiality, bloodborne pathogen training, etc.).
3.) Check university e-mail at least once daily and the course Moodle site at least weekly before class or clinic for course updates.
*Failure to meet these expectations will result in failure of the course

Responsibility for Peer Performance:
It is the responsibility of each student pharmacist enrolled in this course to report to a Course Director if they feel that a fellow student pharmacist is not meeting the expectations outlined above. This will be kept strictly confidential. The Course Directors will determine a suitable course of action.

Course Attendance and Make-up Policy:
Course sessions should not be missed without an excused absence and prior permission from the Course Director. Attendance may be taken during class. Excused absences include illness, a family emergency (verified by a note from the professional person in attendance), or a University sponsored event (verified by a note from the leader of the sponsoring organization). Additional circumstances will be considered at the discretion of the Course Directors. All excused absences must be arranged with a Course Director in advance. All make-up activities for absences will be assigned at the discretion of the Course Director.

Dress and Behavior Code:
Students are bound by the College of Pharmacy Honor Code, which specifically addresses confidentiality issues related to direct patient care experiences. Alleged violations of this code will be forwarded to the College of Pharmacy Honor Council for consideration.
**Tardiness:** Tardiness, without an excused reason, is unacceptable. Students are expected to present for all course activities (organizational meetings, pharmacy-based activities) at the assigned start time. Failure to comply is considered a breach of the course contract.

**Attire:** During pharmacy-based immunization delivery activities, students should consider appropriate dress codes of the setting in which they will be providing service, typically business casual. A nametag must be worn. Clothes that would be inappropriate in a patient care setting include: t-shirts, shorts, open-toed shoes, flip-flops, blue jeans, abdomen exposing or off-the-shoulder shirts, and hats.

**Student and Patient Safety:**
Student and patient safety is of the utmost importance in this course. The delivery of immunizations presents a potential risk for exposure to bloodborne pathogens. Appropriate precautions must be taken when administering immunizations and disposing of needles. Needle stick injuries and exposure to bodily fluids must be reported to the immunization clinic preceptor for appropriate onsite handling and to the course directors for appropriate follow-up. Bloodborne pathogen training must be completed consistent with College of Pharmacy requirements. Failure to complete this training prior to participation in an immunization clinic will result in a student’s inability to participate in the clinic and a violation of course expectations.

**Honor Code:**
Each student is bound by the following specific provisions as part of the Code: “Academic misconduct is any unauthorized act which may give a student an unfair advantage over other students, including but not limited to: falsification, plagiarism, misuse of test materials, receiving unauthorized assistance and giving unauthorized assistance.” Violations of the Honor Code will be submitted to the College of Pharmacy Honor Council.

**FERPA (Family Educational Rights and Privacy Act):**
In this class, our use of technology will sometimes make students’ names and U of M Internet IDs visible within the course website, but only to other students in the same class. Since we are using a secure, password-protected University website, this should not increase the risk of identity theft or spamming for anyone in the class.

**Disability Accommodation:**
Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing, etc) who needs to arrange reasonable accommodations must contact the course director and Disability Services (218-726-8217) at the beginning of the semester. All discussions will remain confidential. See http://www.d.umn.edu/access/
## Course Schedule:

*Note: dates are subject to change at the discretion of the course director*

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>9/8/14</td>
<td>Course Introduction</td>
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<tr>
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<td>Scanning the Environment</td>
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<td>Implementation of Flu Clinics at UMD</td>
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<td>Immunization Clinic Design &amp; Planning Project</td>
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<td>• Clinic Background and Vision</td>
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<td>• Timeline and budget for clinic</td>
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<td>• Clinic layout: design a flow of action</td>
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<td>• Sample marketing materials</td>
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<td>• Standing orders</td>
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<td>• Emergency protocol: including BBP exposure and adverse reaction planning</td>
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<td>• Consent forms</td>
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<td>• Information release forms</td>
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<td>• Patient education materials</td>
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<td>9/15/14</td>
<td>Scanning the Environment</td>
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<td>Implementation of Immunization Services in Community Pharmacies</td>
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<td>• Guest Speakers: Debbie Isakson, CPhT, Kendra Metz, PharmD, Thrifty White</td>
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<td>9/22/14</td>
<td>*Public Health Online Module Completion due</td>
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<td>Scanning the Environment</td>
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<td>Public Health in Minnesota</td>
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<td>• Guest Speaker: Randy Huard, RN, BA/BS, St. Louis County Public Health</td>
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<td>9/29/14</td>
<td>Scanning the Environment</td>
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<td>Emergency Preparedness</td>
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<td>• Guest Speaker: Jo Thompson, MPH</td>
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<td>Regional Coordinator, NE MN Responds Medical Reserve Corps</td>
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<td>10/6/14</td>
<td>Class Discussion: *Draft Mission/Vision Due—bring to class</td>
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<td>Peer Review Mission/Vision of Clinic Designs</td>
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<td>Outline plan for completion of project</td>
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<td>10/7/14</td>
<td>Preparing for Student Field Experience</td>
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<td>2-hour session: Injection update, mock clinic experience, screening and Emergency procedures. 2:30 - 5 PM LSci 216.</td>
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<td>• Guest Speakers: Meg Little, Ed.D., RN and TBD RN Colleagues, UMD Health Services</td>
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<tr>
<td>10/14/14</td>
<td>Campus Flu Clinic 9 AM - 3 PM, Kirby Rafters for those scheduled (prep/clean up 30 minutes prior and afterward)</td>
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10/20/14  Campus Flu Clinic Debriefing
Immunization “Controversies” and the role of the Health Systems Pharmacist
  • Guest Speaker: Jeff Pykkonen, Pharm.D. Essentia Health

10/22/14  Campus Flu Clinic 9 AM - 3 PM, Kirby Rafters, for those scheduled (prep/clean-up 30 minutes prior and afterward)

10/27/14  Scanning the Environment
Travel Immunizations
  • Guest Speaker: Tim Burke, MD, Essentia Health Infectious Disease

11/3/14  Scanning the Environment
Vaccine Registry “MIIC”
  • Guest Speaker: Bette Hoffer, Community Health Information Collaborative Regional Immunization Registry Coordinator

11/10/14  Scanning the environment
Group work on clinic design assignment

11/17/14  NO CLASS: Group work on clinic design assignment

11/24/14  *Clinic Design Assignments Due on Moodle 5 PM
*Design Assignment Sharing, Wrap-up
*Immunizing Mentor Form Due
Discussion: Building trust as a provider of vaccines

12/1/14  Scanning the environment
Motivational Interviewing as a tool for building trust and addressing vaccine hesitancy
  • Guest Speakers: Amy Weber

12/8/14  Scanning the environment
Motivational Interviewing Skills Workshop
  • Workshop facilitator: Amy Weber

**Clinic Dates for Health Services Team Field Experiences**

Tuesday, 10/14/14 – Kirby Ballroom A 9 am to 3 pm*
Wednesday, 10/22/14 – Kirby Ballroom A 9 am to 3 pm*

*Prep and clean time will start 30 minutes before and 30 minutes after each scheduled clinic