

**University of California, San Diego
Skaggs School of Pharmacy and Pharmaceutical Sciences
Introductory Pharmacy Practice Experience Syllabus**



**An Introduction to Institutional (Hospital/Clinic) Pharmacy Practice
2009**

**University Of California, San Diego
Skaggs School of Pharmacy and Pharmaceutical Sciences
Introductory Pharmacy Practice Experience**

Office of Experiential Education

The Office of Experiential Education coordinates the Introductory Pharmacy Practice Experience (IPPE) program for the Skaggs School of Pharmacy and Pharmaceutical Sciences of the University of California, San Diego. The Office is the point of contact for Introductory Pharmacy Practice Students and IPPE Preceptors.

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**UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences
2009 Introductory Pharmacy Practice Experience (IPPE) Calendar
P 1 Students**

Winter Quarter 2009

Community Experience Begins.....Monday, Thursday, Friday, January 5, 8 and 9

Hospital/Institutional Experience Begins, **Group A**..... Monday, Thursday, Friday, January
5, 8 and 9

Hospital/Institutional Experience Begins, **Group B**.....Monday, Thursday, Friday, February
2, 5 and 6

Community Experience Ends.....Monday, Thursday, Friday, February
9, 12 and 15

Hospital/Institutional Experience Ends, **Group A**.....Monday, Thursday, Friday, January 26, 29 and 30

Hospital/Institutional Experience Ends, **Group B**.....Monday, Thursday, Friday, February 23, 26 and 27

Spring Quarter 2009

Community Experience Begins.....Thursday, Friday, April 2 and 3

Hospital/Institutional Experience Begins, **Group A**..... Thursday, Friday, April
2 and 3

Hospital/Institutional Experience Begins, **Group B**.....Thursday, Friday, April 30, May 1

Community Experience Ends.....Thursday, Friday, April 30, May 1

Hospital/Institutional Experience Ends, **Group A**.....Thursday, Friday, April
23 and 24

Hospital/Institutional Experience Ends, **Group B**.....Thursday, Friday, May
21 and 22

Introduction

Pharmacy educators and the community of pharmacy practitioners are forming joint partnerships to prepare student pharmacists to develop and enhance the implementation of new practice models. The expectation is that this alliance will lead to the student pharmacist, upon graduation, being able to practice patient-centered care leading to improved patient outcomes.

The UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences in coordination with community partners are collaborating to provide the pre-clinical student pharmacist with a practical knowledge base that will augment the didactic course work being taught.

The general goals of the Introductory Pharmacy Practice Experience Program at SSPPS are:

1. To develop collaborative relationships between SSPPS and the pharmacy professional community for the implementation and development of an early experiential program for pharmacy students.
2. To work jointly with community partners to promote patient-centered care as a practice standard and develop new pharmacy practice models for student experiential training.
3. To work with the pharmacy professional community to improve patient health outcomes and quality of life.

The student-specific goals of the introductory experiential program are:

1. To expose the student to aspects of pharmaceutical care and disease state management in the pharmacy practice setting, to complement the knowledge, skills and attitudes learned in the didactic portion of the curriculum.
2. To allow the student to observe, interact and practice these concepts with pharmacist role models, and other health care professionals.
3. To give the student an understanding of the types of pharmacy practices, workloads and relationships with and attitudes of health care providers.
4. To allow the student to observe and understand the legal and ethical dilemmas faced by pharmacists as they balance their obligation to patients with cost-control imperatives of the health care delivery systems in which they work.
5. To help the student develop a personal perspective regarding the social and economic challenges to the development and maintenance of a patient-centered pharmacy practice.
6. To develop the student's communication and social interactive skills, critical problem-solving skills, and a sense of professionalism, responsibility and accountability with regards to the practice of patient centered-care.

Site Assignment

1. The Office of Experiential Education is responsible for assigning students to pharmacy practice sites. Students will not be permitted to find their own practice sites.
2. Each site will have a specific contact person, the supervising preceptor.
3. Students are encouraged to contact their preceptors prior to the start of the experience.
4. The supervising pharmacist may have one or two students from 2:00 to 6:00 PM on Thursday, and Friday (UCSD PHIS, Infusion Center, exceptions 1-5 PM).
5. The supervising pharmacist will designate a preceptor pharmacist for each student when possible.
6. The student will interact with the supervising preceptor, other pharmacists, and other department of pharmacy personnel at the discretion of the preceptor.
7. The pharmacist preceptor who works most closely with the assigned student(s) will be responsible for the ongoing assessment of the student.
8. All students have up to date immunization records and have received HIPAA training. Many have intern licenses and work part-time as intern pharmacists. Questions or inquiries regarding specific student information on this subject should be directed to the Office of Experiential Education.
9. The experience level of the assigned students is variable, and for that reason, guidelines detailed below are provided to serve as a key to areas that the student should be exposed to.

Institutional (Hospital/Clinic) IPPE Guideline

1. The Institutional Introductory Pharmacy Practice Experience (IPPE) is a 4 week, 4 hours one day each week experience.
2. The major goal is to expose the pre-clinical student pharmacist to the essential operational elements routinely performed in the institutional setting.
3. Many of these tasks are performed regularly by technicians and other pharmacist extenders, and it would be appropriate for the pre-clinical student pharmacist to spend time with these individuals.
4. A major expectation of the IPPE program is that each session the pre-clinical student pharmacist has starts with a meeting with the preceptor pharmacist to outline the plan for that day's activities and ends with the preceptor pharmacist to discuss any observations or questions the student pharmacist may have regarding that day's encounters.
5. The order in which these activities are performed is at the discretion of the preceptor. Additionally, if a preceptor determines that their site offers other important experiences, the preceptor should feel free to incorporate these experiences into the student program.

Required Student Activities

Week One

1. Orientation, discussion of expectations, hospital tour, introduction to personnel.
2. Introduction to the inpatient pharmacy (location of medications, supplies, references, and other areas of importance).
3. Introduction to reference materials commonly used in daily activities of institutional settings (Clinical Pharmacology Online, Micromedex, Intranet, etc.).

Week Two

1. Review and discuss the established hospital policies and procedures.
2. Introduction to institutional medication distribution system (unit dose, cart fill, automated dispensing system (PYXIS, Omni-Cell, Sure-Med, etc.).
3. Introduce concept of medication control (especially systems used to monitor and manage narcotic use), storage and security functions related to the medication distribution process.

Week Three

1. Discuss the utilization of the hospital drug formulary program and its impact on cost effective patient-centered care.
2. Introduction to the role of the Clinical Pharmacist (Team-based, Operations-based)

Week Four

1. Discuss the current Quality Improvement programs the institution employs and their impact on error control.
2. Discuss the importance of aseptic technique, preparation of iv admixtures, iv room maintenance activities

Student Conduct

1. Every student participating in Introductory Pharmacy Practice Experiences (IPPE) is expected to conduct himself/herself in a manner consistent with that of other members at the designated pharmacy practice site.
2. Information you obtain through your experiential education activities must be considered personal and confidential. Such information must not be circulated or discussed outside the activities of the pharmacy practice experience setting.
3. Students must comply with all policies and procedures of the practice site.
4. Preceptors will advise students of site policies during the orientation process. The discussion should include the following: fire and safety procedures, telephone etiquette, facility parking policies, etc.

5. Students must respect all site property. All site property must be returned prior to the completion of the pharmacy practice experience.

Student Dress Code

1. A white laboratory coat with your name tag and photo identification must be worn when participating in IPPE activities.
2. Proper dress and grooming is expected of all participants in IPPE activities.
3. Students are also expected to adhere to site-specific dress codes.

Student Attendance

1. Students are expected to attend all scheduled sessions. Punctuality is a must.
2. The assigned student will be present at the designated site on Thursday or Friday from 1 pm to 5 pm or a special arrangement is made between the preceptor and student.
3. Any special arrangement should not conflict with the students' existing schedule (Each student must complete 4 hours of experiential training every week).
4. In the event of illness or personal emergency the student must inform the Office of Experiential Education and the pharmacist preceptor at the site as soon as possible on or before their assigned clerkship day. The student is expected to make up missed sessions at the discretion of the preceptor.
5. Students must keep a record of attendance signed and dated by their preceptors. Forms will be provided. These forms are to be submitted to the Office of Experiential Education at the end of the rotation.
6. Students and preceptors must submit evaluations at the end of each rotation. The evaluations are conducted electronically. Please see Gail Gipson in the Office of Experiential Education for further information.