

**University of Utah Hospitals & Clinics
Health System Pharmacy Administration Residency**

Project / Thesis

Preceptor(s): Linda Tyler, PharmD

Site Description: The Department of Pharmacy Services provides services to 4 hospitals, 3 infusion services, 12 community clinics, 15 retail pharmacy facilities, and specialized ambulatory clinics. The Department is supported by a comprehensive Drug Information Service. As a vibrant, dynamic department, there are many opportunities for projects for a HSPA resident.

Rotation Description: As a requirement of the program, a resident will complete a project. The project will help support the completion of the outcomes, goals, and objectives of the HSPA program. During this experience, residents will learn the steps involved in planning and completing a project that contributes to furthering pharmacy practice. In addition, the resident will present the project at regional and national meetings and submit it for publication. The resident has the opportunity to work with any of the supervisors, managers and directors on a project that will benefit the department.

RLS Goals:

- Goal R6.5: Design, execute, and report results of a project related to pharmacy management.
- Obj R6.5.1: Identify potential management-related issues that need to be studied.
- Obj R6.5.2: Use a systematic procedure for performing a comprehensive literature search.
- Obj R6.5.3: Draw appropriate conclusions based on a summary of a comprehensive literature search.
- Obj R6.5.4: Generate a research question(s) to be answered by an investigation.
- Obj R6.5.5: Develop specific aims and design study methods that will answer the question(s) identified.
- Obj R6.5.6: Use a systematic procedure to collect and analyze data.
- Obj R6.5.7: Draw valid conclusions through evaluation of the data.
- Obj R6.5.8: Use effective communication skills to prepare the results and recommendations of a project related to pharmacy management for publication.
- Obj R6.5.9: Use effective presentation skills to orally report the results of a project related to pharmacy management at a professional conference.

Activities Evaluated:

Rotation Activity	RLS Goal	Teaching Method
Identify a project idea. Discuss what makes a good project.	R6.5	I,C, F
Develop a project proposal and present to RAC.	R6.5	M,C, F
Submit an IRB proposal if appropriate	R6.5	C, M, F
Conduct project	R6.5	C,F
Analyze data	R6.5	M, C, F
Draw appropriate conclusions from data.	R6.5	M, C, F
Develop manuscript suitable for publication.	R6.5	M,C, F
Present project at UHC Midyear poster presentation and Western States conference.	R6.5	F
Meet requirements of thesis in preparing thesis document.	R6.5	C,F

Teaching Methods include: I=direct instruction, M=modeling, C=coaching, and F=facilitation

Readings and Preparatory Work: The resident will conduct a thorough literature search to identify readings to provide background for the project and enhance the skills to conduct the project. The resident will complete the IRB training prior to starting on their project (regardless if IRB approval is needed for the project). Additional readings may be assigned to further support the successful completion of the project.

Project/Presentation Description: The project will be conducted over the year. In general, a topic is identified by August, RAC proposal prepared in September, IRB proposal in September and October. The project is conducted during October through March. The project presentation for Asilomar is prepared in April. The project manuscript is prepared in April and May.

Residents who are using their project for a thesis, will need to check with the Graduate school on thesis deadlines to insure that they meet the required dates. In general, the thesis needs to be submitted by the middle of the semester that you plan to graduate.

Typical Daily/Weekly/Monthly Activities:

A project will test the resident's time management skills. The resident will need to work consistently on their project throughout the year. The resident will need to communicate frequently on the project status and any problems that may occur with the project preceptor and program director.

The project is typically scheduled as a longitudinal experience. If the resident desires, project time can be allocated during the year if it is important for the project. Otherwise, the resident needs to negotiate with their preceptors for project time that is needed during a rotation.

The resident will meet with the program director quarterly to formally evaluate progress and complete the ResiTrak goals. A self-evaluation will be completed in the middle and end of the year.

Evaluation Process:

The preceptor will conduct quarterly evaluations. The resident will conduct self-evaluations at half-way and at the end. The resident will conduct end of rotation preceptor and learning experience evaluations.