



PRECEPTOR FORUM

Summer 2019

Office of Experiential Programs
University of Florida
College of Pharmacy



HONORS PROJECTS

Opportunities and Requirements



COLLEGE OF PHARMACY

REQUIREMENTS FOR GRADUATION WITH HONORS

Cum Laude	Magna Cum Laude	Summa Cum Laude
Completion of all pharmacy coursework in the Doctor of Pharmacy curriculum 3.50 or higher GPA in required pharmacy courses	Completion of all pharmacy coursework in the Doctor of Pharmacy curriculum 3.6-3.79 or higher GPA in required pharmacy courses	Completion of all pharmacy coursework in the Doctor of Pharmacy curriculum 3.80 or higher GPA in required pharmacy courses
	Completion of a research project; including oral presentation and written report on the project.*	Completion of a research project; including oral presentation and written report on the project.*
	Approval of Project prior to start**	Approval of Project prior to start**
	Review of presentation and report and recommendation for honors by the supervisor	Review of presentation and report and recommendation for honors by the supervisor
	Review of the report and recommendation for honors by the department chair	Review of the report and recommendation for honors by the department chair
	Submission to the Honors site in Canvas and recommendation by Assoc Dean for Research and Graduate Education	Submission to the Honors site in Canvas and recommendation by Assoc Dean for Research and Graduate Education
Approval by COP Student Affairs	Approval by COP Student Affairs	Approval by COP Student Affairs

PROJECT OPTIONS

- Research projects with a full time COP faculty member on any of the 3 campuses.
- Projects with non-UF faculty are evaluated on a case by case basis
 - but should be limited to projects that do not require IRB approval and will not be published.
 - may include literature reviews or local quality improvement projects.
- Projects with APPE preceptors must also be approved by the Office of Experiential Programs

PROJECT PRE-APPROVAL REQUIREMENTS

- ****All** projects must be reviewed prior to the start to assure that the project is in compliance with UF rules for human or animal subjects (IRB or IACUC).
- The review process requires the student and mentor to identify the project and define any use of human or animal subjects, human tissues, or human data.
- The form for providing this information in order to obtain College approval of the project can be completed on line at: <http://ssc.pharmacy.ufl.edu/regulatory-compliance/>
- Completion of review requirements will result in issuance of a Project Compliance Certificate which must be submitted with the final project report and recommendation for graduation with honors.

PROJECT REQUIREMENTS ORAL PRESENTATION

❖ Presentation Options

- Research group meeting
- Local presentation at site of research
- College of Pharmacy Research Showcase
- National meeting

PROJECT REQUIREMENTS WRITTEN REPORT

❖ Written Report

- Include the following elements:
 - ✓ Statement of the project objectives or hypothesis, review of the background literature, methods used to collect the data or information, results/presentation of the findings, discussion of the conclusions drawn and their importance or impact.
 - ✓ Be 2000-3000 words in length.
 - ✓ May include figures and tables.
 - ✓ Title page must indicate the name of the student and the project supervisor.
 - ✓ References should be numbered sequentially.

HONORS RESEARCH

- Meets thesis requirements for graduation with honors (summa or magna cum laude)
- Research can be completed during a research elective with UF faculty
- Research can be completed with an APPE/IPPE preceptor with the approval of the Office of Experientials Programs
- Students are responsible for identifying a faculty/preceptor mentor and for obtaining all necessary approvals

TYPES OF RESEARCH ALLOWED

- Research at UF can involve any type of research done by the faculty- including both animal and human subject research
- Research outside of UF is limited to MINIMAL risk human subjects and may require *on-site IRB approval*.
 - Retrospective chart or data review
 - Quality project- evaluation of an existing program
 - Literature review
- Student MUST complete the Research Compliance form (on-line) to assure all research is in compliance with UF and federal rules. This will be reviewed by Ben Burkley in the COP Research Regulatory and Compliance Office.
- Students will receive a compliance certificate after review of the compliance form information and completion of any further training or requirements. This MUST be obtained BEFORE starting the project.

SUBMISSION OF THE MATERIALS

- A single pdf document including the signed recommendation form and the research report must be submitted to the **Canvas website for Academic Honors** as an assignment. It is advised that this is done within the semester after completing the research, and no later than **April 1st** of the year of graduation.
- Information is found here:
<https://curriculum.pharmacy.ufl.edu/curriculum-courses/pharmd-research/academic-honors/>

QUESTIONS?





STUDENT PORTFOLIOS

APPE Required Assignments



WHAT ARE THEY AND WHY ARE WE DOING THEM?

- Cover 6 areas where students have required APPE activities:
 - Formal Presentations
 - Literature Review
 - Drug Information
 - Patient Care Notes
 - Project Evidence
 - Drug Utilization Review (Community)
- Provide evidences of student competency in key learning areas
- Allows student to create a body of their best work for interviews, etc.

FORMAL PRESENTATIONS

- **Purpose:** To demonstrate the student's ability to educate audiences on pharmacy related topics. Presentations may also demonstrate the student's ability to assess, solve and present therapeutic problems related to a specific patient.
- May be given in any rotation, to either healthcare professionals or to patients. Needs to include supplemental material (slides, handouts, etc.).
- May cover topics such as:
 - new patient care protocols, patient cases, new drug reviews, medication use process reviews, medication safety reviews, in-services, topic reviews, or any topic related to pharmacy practice.
- Rotations where required – Ambulatory Care, General Medicine, Advanced Hospital, Patient Care Elective, Non Patient Care Elective
- Number required by 2/28/2020 - 4

LITERATURE REVIEW

- **Purpose:** To demonstrate the student's ability to critically evaluate pharmacy literature, to apply the information to solve therapeutic problems, and determine how it may be used to affect patient care.
- Examples of a literature evaluation include:
 - Journal Club evaluation, Pharmacy and Therapeutics (P&T) Committee report submission, Review summarizing recent or important studies on a given topic
- Literature evaluations must include primary literature. Other levels of evidence (secondary and tertiary literature, guidelines, etc.) may be used to supplement, but may not replace primary literature.
- Rotations where required - Ambulatory Care, General Medicine, Patient Care Elective
- Number required by 2/28/2020 - 2

DRUG INFORMATION

- **Purpose:** To demonstrate the student's ability to utilize effective search strategies of primary literature and retrieve and analyze the appropriate drug information to answer a clinical question.
- Must be a clinically answerable question about a medication that is linked to a patient care issue. The question must be related to a drug, not a medical device. Cannot be a review of a disease state or medication.
- The question/response should:
 - Be of a nature that requires a search of the primary literature and must include **AT LEAST ONE PRIMARY LITERATURE SOURCE**. Other published literature sources, such as articles and guidelines, may be used to supplement. Unpublished sources (preceptors, lecture notes, etc.) are not acceptable sources and may not be used as references.
 - Not be one that can be easily answered using tertiary resources such as Micromedex and Clinical Pharmacology (cannot be used as references), that may be answered by non-healthcare providers or by easily searching the internet.
- Rotations where required - Ambulatory Care, General Medicine, Advanced Hospital, and Patient Care Elective. May come from any rotation
- Number required by 2/28/2020 - 4

PATIENT CARE NOTES

- **Purpose:** To demonstrate the student's ability to use the pharmacist's patient care process, optimize medication outcomes, and document and communicate the recommended plan to others in the health care team.
- Each note should be a specific de-identified patient scenario in which a patient was evaluated, assessed, and a plan for therapy was proposed and documented.
- Although it is recommended that it be written as a SOAP note or similar format, an alternate format (CMR/MTM, etc.—see Pharmacy Note Rubric on page 20) or the format utilized at the site is acceptable as the required information is included, specifically the assessment and plan information.
- Rotations where required – Ambulatory Care, General Medicine, Patient Care Elective
- Number required by 2/28/2020 - 4

PROJECT EVIDENCE

- **Purpose:** To demonstrate the student's ability to complete a project that aids the practice site in delivering better care.
- Topics for projects may vary depending on the rotation setting.
- They can include, but are not limited to:
 - process improvements, medication category charts, inventory reviews, hazardous waste updates, antibiotic call back programs, pediatric prescription calculation charts, disease screenings, health education programs, disease state management protocols, herbal review and category charts, etc.
- Projects may involve patient care, but patient care is not a required element
- Rotations where required – None specifically
- Number required by 2/28/2020 - 1

DRUG UTILIZATION REVIEW

- **Purpose:** To demonstrate the student's ability to review and resolve a Drug Utilization Review (DUR) in the **community** setting to promote safe and cost-effective therapy, as well as how to respond to a rejected claim.
- Involves reviewing each prescription for an individual patient before it is dispensed to identify drug-related problems such as therapeutic duplication, drug-drug interactions, drug-disease contraindications, and other potential adverse drug events.
- The DUR summary should be completed during the community pharmacy rotation.
- It should include a description of a drug-related problem identified while processing a prescription, as well as an explanation of how the problem was resolved.
- Rotations where required – Community
- Number required by 2/28/2020 – 1

WHAT DO PRECEPTORS NEED TO DO?

- ✓ Provide the opportunities to complete the activity if required by the rotation type
- ✓ Certify you have had the student perform the required activities
- ✓ Contact your regional coordinator if you have questions or concerns about meeting the portfolio requirements:
<https://oep.pharmacy.ufl.edu/faculty-staff-2/regional-coordinators/>

QUESTIONS?

