SUMMER 2014 REGISTRATION

FIRST AND SECOND YEAR STUDENTS

CORE COURSE(S)

1PD & 2PD students: You will already have registered yourselves for required, one-credit IPPE summer classes:

These required, summer core courses are NOT fee liable!

Take a moment now to make sure you have registered for these summer IPPEs.

- PHA 5942 (1PD)
- PHA 5944 (2PD)

NOTE: There is a $6 lab fee associated with these courses. Be sure to check in your ISIS/myUFL account. A late payment will incur $100 Late Fee. There is no reason to pay $106 for a $6 fee. I cannot back out $100 late fees.

ELECTIVES

Other than IPPE, there is no required summer registration.

Read on for optional summer coursework that can count toward your required 8 hours of elective credit.
There are a number of elective options available to PharmD students during the summer.

ALL 1PD and 2PD Students are Eligible!

**PHA 5933/Patient Assessment for Pharmacists**

**Course Title:** Patient Assessment for Pharmacists  
**Credit:** 1 Semester Credit Hour  
**Course Dates:** Jun 30 - August 8  
**Course Structure:** This is an online course which requires participation in two Adobe Connect sessions during the first week and last week of the course. Each session will be offered multiple times to accommodate student schedules. The course consists of an Orientation and 9 modules. Eight of the modules require completion of a pre- and post-assessment quiz. Learning activities culminate in preparation of a SOAP note based on interaction with a virtual patient.

**Course Description:** In providing Medication Therapy Management and other patient-centered care activities, pharmacists must be able to perform patient assessment skills that are pertinent to evaluating the efficacy and tolerability of medication therapy. In addition, the pharmacist must be able to interpret the physical assessment findings reported by other providers. During this course, the student will interact with a virtual patient and a virtual preceptor to learn how to gather patient assessment information in an organized manner. (See [http://shadowhealth.com/](http://shadowhealth.com/) ) The student will also gain an understanding of how other health professionals perform physical assessments and how to interpret these results.

Prior instructions to email Ms. Sarah Resnick Carswell concerning your interest are no longer valid.

NOTE: There is an $89 Course Material Access Charge.  
1 credit/Space is limited!

If you agree to this charge, please complete the interest form [on line](http://shadowhealth.com/).

In the interest form, you will be asked to agree to the cost.

Cut/Paste:

7. Please check both boxes.

- [ ] I understand that I have requested to be enrolled in PHA 5933 for the term Summer A.
- [ ] I further understand that there is fee of $89 associated with this course, payable to Shadow Health.

[Submit]
If demand exceed space, selection will be made by randomization. You will be notified if you were/were not able to be placed.

If you are selected, you will be sent a registration link with a registration pin.

Be sure to submit the requested credit card information when prompted.

This access charge is not handled through the Bursar’s office. Payment must be paid through the ShadowHealth site.

One credit for summer 2014 WILL appear on your ISIS transcript as PHA 5933 (Selected Topics), as this course does not have a permanent number. While waiting on a course number assignment, all courses are assigned this temporary number.
ON LINE OFF BOOK ELECTIVES

**Off Book** means that you will register through the programs’ website(s). Fees and due dates will differ from conventional “On Book” programs. The program will process your registration for you in ISIS, however, you will still pay for your courses through ISIS/myUFL.

The degree audit has been programmed to recognize these courses as eligible electives, and will count toward degree requirements.

**$$ NOTE $$**: PharmD students must be enrolled in 4 or more hours to be eligible for financial aid. These four hours can be a combination of fee liable (ON BOOK) and non-fee liable (OFF BOOK) courses.

**Tuition will not be reduced** in subsequent terms if summer electives are taken. Tuition is assessed in a block manner and there are plenty of ‘covered’ electives in the curriculum.

*All aid related questions should be directed to Ms. Robinson (Robinson@cop.ufl.edu)!*
~Summer 2014 Off Book Elective Opportunities~

- **PHA 6935 Veterinary Pharmacy**
  - Department: Medicinal Chemistry

This course will provide instruction on the uses and indications of medications used in the treatment of diseases affecting animal patients. For more information, see the syllabus. Upon completing this course, students will have obtained knowledge and skills that can positively impact educational, veterinary and economic outcomes by applying their drug knowledge resources to veterinary situations. This course will provide valuable instruction on the uses and indications of human and veterinary labeled medications used in the treatment of diseases affecting animal patients. Common animal disease states affecting small animals, large animals and food animals will be presented and discussed. Legal and regulatory issues that affect the practice of veterinary pharmacy will be emphasized. Exploration and utilization of text and internet-based veterinary-specific resources will be highlighted. Additionally, current topics in veterinary medicine and veterinary pharmacy will be discussed.

- Faculty: Elaine Blythe, PharmD, Adjunct Professor, University of Florida
- Online Registration for Spring/Summer/Fall // REGISTRATION DEADLINE MAY 12
- Tuition: $1,050
ENTRY LEVEL PHARMD: ONLY THE COURSES LISTED BELOW meet the curricular requirements for electives.

If you register for any of the other courses in the site noted above, they will not be counted toward your Doctor of Pharmacy degree.

**PHA 5251 Pharmaceutical Regulatory Compliance – 3 cr.**
Based on a solid foundation in regulatory theory and practice, the purpose of this course is to study the authority and responsibilities of three federal agencies that are entrusted to ensure the safe, effective, and efficient use of medications in the United States. The practices and procedures of the Food and Drug Administration, Drug Enforcement Administration, and Centers for Medicare and Medicaid Services are reviewed. The importance of pharmacists and other health care professionals in assuring compliance with regulatory principles will be emphasized. Students will acquire the knowledge and skills necessary to function at an entry level in the field of pharmaceutical regulatory compliance.

- **Instructor:** Ken Baker
- **Dates:** June 1 to August 3, 2014
- **Live Online Discussion Sessions:** Sundays 6 pm to 9 pm eastern
- **Text:** No text required at this time. However, this is subject to change.

**PHA 5252 Managed Care Pharmacy – 3 cr.**
The purpose of this course is to prepare students to understand and thrive professionally in the evolving US health care financing and delivery system.

Managed care principles control or influence use of 90% of all prescriptions dispensed in the US. The PPACA, passed in 2010, continues the managed care principles, adds a layer of accountability, and is causing immutable changes in the practice of pharmacy. Pharmacist graduates will be thrust in a managed health care financing and delivery system, and will more effectively practice and become leaders if they understand managed care risk-sharing and accountability principles.

This course provides an immersion into managed care principles and procedures, and will help students understand and anticipate the impact on health care reform pharmacy practice provisions, and learn about professional practice opportunities within managed care systems not available in hospital or community practice.

- **Instructor:** Robert Navarro
- **Dates:** June 10 to July 29, 2014
Live Online Discussion Sessions: Tuesdays, 6:30pm to 8:30pm Eastern,
Text: Class readings will be provided. Students may choose to purchase the optional textbook, Managed Care Pharmacy Practice, 2nd Ed., by Robert Navarro. ISBN 978-0-7637-3240-0.

PHA 5255 The Human Factor in Patient Safety: A Psychological Approach to Medication Safety in Pharmacy – 3 cr.
Despite years of theories and intervention attempts, adverse events and human error remain a major problem in health care and pharmacy. Interventions have usually targeted medical delivery systems (i.e., technology), post hoc analysis (i.e., Root Cause Analysis), and human-system interactions (i.e., Crew Resource Management, CPOE). However, many of these approaches have not been entirely successful.

In this course, we explore the idea that core principles of human behavior are instrumental to explain safe (and unsafe) actions in health care delivery. As systems change and new regulations are installed, we must also consider how those interventions affect the humans that remain in the system. The course will begin with an in-depth study of human error theory from a number of perspectives so that the student will possess thorough and accurate concepts about human performance as it relates to health care. Then, we focus on ways to successfully approach and manage adverse events when they inevitably arise.

The course will be successful for students ready to embrace new perspectives; where the pharmacy work environment includes practicing more from a human/organic/patient-centric viewpoint, rather than exclusively from a task/mechanistic/product-centric viewpoint.

• Instructor: Kraig Schell
• Dates: June 15 to August 7, 2014
• Live Online Discussion Sessions: Sundays, 5pm to 6:30 pm eastern and Thursdays, 8:30pm to 10:30 pm eastern
• Text: No text required.

PHA 6935: Medicare and Medicaid: Implications for Pharmacy Practice – 3 cr.
The purpose of this course is to provide students with an introduction to Medicare, Medicaid and Children’s Health Insurance Program. Areas covered include costs and financing of the programs, eligibility, program administration, and benefits. Relationships between state and federal agencies will be explored. Proposals and prospects for fundamental program reform will be covered as well. Students will learn about billing, regulatory and legal issues that have an impact on the practice of pharmacy. There will be a special emphasis on the payment for pharmacy services and pharmaceuticals.

• Instructor: Cody Wiberg
• Dates: June 1 to July 27, 2014
• Live Online Discussion Sessions: Sundays, 7:30 pm to 9:00 pm eastern, and Tuesdays, 7:30PM – 9:00PM
PHA 6935: The Pendulum of Controlled Substances – 2 cr.
This 2 credit elective course will explore in detail emerging issues related to the regulation of controlled substances at the federal and state level. Topics covered will include prescription drug abuse, prescription drug monitoring programs, pharmacy/pharmacist liability, and federal and state administrative actions surrounding controlled substances. In addition to class lectures and discussions, students will participate in active learning exercises allowing them to become more familiar with policy development involving controlled substances.

- Instructors: Guest lecturers/Staff.  Course Coordinator: W. Thomas Smith
- Dates: June 16 to August 1, 2014
- Live Online Discussion Sessions: Mondays, 9:00 to 10:30 eastern.
- Text: No text.


This course will provide instruction related to applicable standards of risk management as it relates to Medication Safety. The course will focus on medication safety as a systems problem. Topics presented in this course include: medication safety as public policy, human factors engineering, error / risk reduction and prevention strategies, and current research on the relationship between medication errors and patient safety.

- Instructor: Ken Nanni
- Dates: June 1 through July 20, 2014
- Live Online Discussion Sessions: Sundays, 7:00-9:00 pm.
RESEARCH

You may always supplement your summer off book enrollment (to meet the four credit hour minimum required for aid, if applicable to you) with a RESEARCH ELECTIVE!

RESEARCH is NOT OFF BOOK...

There is no fee liability attached (just like PHA 5942, 5944, & 5933)

The time commitment is as follows for the Summer C term:

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<th>CREDIT</th>
<th>HOURS IN LAB/WEEK</th>
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Follow the guidelines in the link.

The bottom line is to arrange research work with a faculty member. The best place to start is your Faculty Advisor, who can guide you, based on your interests and skills.

Once you establish a ‘plan,’ I will need the following from you:

- Instructor’s Name & Department Affiliation
- Number of credit hours

These sections are departmentally controlled, and I will register you.

If you have any questions or concerns, please do not hesitate to contact me.

No matter what you decide, we will only be able to register you if you have NO HOLDS!

Check in ISIS and clear anything ‘out there!’