

PHA5706L International Pharmacy Outreach Experience

Spring 2020

2 Credit Hours – [Satisfactory/Unsatisfactory]

The goals of this course are to provide the student with practice experience that involves addressing health care inequities in another country and collaboration with a team of other health professions students to address health-related problems.

Teaching Partnership Leaders

Juan M. Hincapie-Castillo, PharmD, MS, PhD

- Email: j.hincapie@cop.ufl.edu
- Office: HPNP 2338/GNV
- Phone: 352-273-5526
- Office Hours: Please see the Canvas course site for posted office hours.

Karen Whalen, PharmD, BCPS, FAPhA

- Email: whalen@cop.ufl.edu
- Office: HPNP 4314/GNV
- Phone: 352-273-9497
- Office Hours: Please see the Canvas course site for posted office hours.
-

See Appendix A. for Course Directory of Faculty and Staff Contact Information.

Entrustable Professional Activities

This course will prepare you to perform the following activities, which the public entrusts a Pharmacist to perform:

1. **EPA A1.** Collect subjective and objective data by performing a patient assessment and gathering data from chart/electronic records, pharmacist records, other health professionals and patient/family interviews.
2. **EPA A2.** Interpret patient data, and identify medication-related problems and develop a prioritized problem list.
3. **EPA A5.** Provide medications, counseling and health wellness information (including referral when there are social determinants of health and disparities).
4. **EPA A9.** Collaborate as a member of an interprofessional team and provide patient-centered care.
5. **EPA D2.** Exhibit commitment to patients and the community by serving as an advocate and leader.

Course-Level Objectives

Upon completion of this course, the student will be able to:

1. Provide patient-centered care in cooperation with other health professional health care team members based upon sound therapeutic principles and evidence-based data, taking into account relevant, social, cultural, and economic issues.
2. Describe the pathophysiology and characteristics of typical infectious diseases, common acute and chronic illnesses, common typical injuries and/or common nutritional problems that are likely encountered in the assigned outreach experience.
3. Demonstrate cultural competency with patients and local healthcare providers in the international setting.
4. Recognize cross-cultural differences that impact a patient's beliefs about health and treatment of illnesses.
5. Demonstrate the professional attitudes and behaviors that characterize a professional pharmacist

Course Pre-requisites

1. Completion of first semester of Year 1 Pharm.D. Curriculum Requirements.
2. Approval by Office of Student Affairs that the student has a minimum COP GPA of 2.5 with good academic and conduct standing as defined by the COP Academic Performance Standards and the Professional Standards.
3. Must complete all prerequisites that the UF International Center requires prior to traveling internationally as a UF student.

Course Co-requisites

1. None.

Course Re-take

Students may not repeat this course for credit for meeting the 8-hour elective requirement in the Pharm.D. curriculum.

Place and Time of Class Sessions

The International Pharmacy Outreach Program will include three phases: I – Pre-Experiential, II – Experiential (In-Country) and III – Post Experiential. The Experiential (In-Country) phase will be conducted during a defined block period and will be at least 5 days in length, not including travel. There will be required preparation, activities and assignments that will take place in the months leading up to the in-country program. Post program activities will occur during the weeks following the program and will include submission of In-Country assignments and completion of post-program activities.

Course Outline

Please routinely check your campus calendar and the Canvas course site for any messages about changes in the schedule including meeting dates/times, deadlines, and room changes.

| Dates of Independent Study | Mod | Activity | Unit Topic | Contact time [hr.]a | Responsible Faculty Member | Objectives |
|-------------------------------|------|---------------------|--|---------------------|--|------------|
| <i>2/10/2020 to 2/28/2020</i> | 1 | Module | Module 1: Introduction to International Outreach | | Juan M. Hincapie-Castillo | 3-4 |
| <i>2/10/2020</i> | 1.1 | Video Lecture | Watch: Introduction to International Pharmacy Outreach | 0.5 | Juan M. Hincapie-Castillo | |
| <i>2/11/2020</i> | 1.2 | Video Lecture | Watch: Humanitarian Health | 1 | Sven Normann | |
| <i>2/12/2020</i> | 1.3 | Assignment Ungraded | Watch: How not to be ignorant about the world (TED Talk) | 0.25 | Juan M. Hincapie-Castillo | |
| <i>2/13/2020</i> | 1.4 | Reading | Read: Chapter 20. Health Systems, Management, and Organization in Global Health | 1 | Juan M. Hincapie-Castillo | |
| <i>2/14/2020</i> | 1.5 | Reading | Read: Chapter 21. Global Health Ethics | 1 | Juan M. Hincapie-Castillo | |
| <i>2/17/2020</i> | 1.6 | Reading | Read: Opportunities and responsibilities for pharmacists on short-term medical mission teams | 0.5 | Juan M. Hincapie-Castillo | |
| <i>2/18/2020</i> | 1.7 | Reading | Read: To Hell with Good Intentions | 0.5 | Juan M. Hincapie-Castillo | |
| <i>2/19/2020</i> | 1.8 | Reading | Read: Volunteering: Beyond an Act of Charity | 0.5 | Juan M. Hincapie-Castillo | |
| <i>2/20/2020</i> | 1.9 | Video Lecture | Watch: Farmacia 1010 (Spanish course) | 1.5 | Juan M. Hincapie-Castillo | |
| <i>2/21/2020</i> | 1.10 | Assignment Ungraded | UF Global Health Conference | 2 | Juan M. Hincapie-Castillo | |
| <i>Due on 2/28/2020</i> | 1 | Assignment Graded | Assignment 1 Country Health Profile | 2 | Juan M. Hincapie-Castillo, Karen Whalen | 1-5 |
| <i>Due on 2/28/2020</i> | 1 | Quiz | Pre-Experiential Readings | 0.5 | Juan M. Hincapie-Castillo, Karen Whalen | 1-5 |
| <i>TBD[^]</i> | 1 | Discussion - VC | Group Discussion Zoom Conference Call (Mandatory) | 1 | Juan M. Hincapie-Castillo, Karen Whalen | 1-5 |

| Dates of Independent Study | Mod | Activity | Unit Topic | Contact time [hr.]a | Responsible Faculty Member | Objectives |
|----------------------------|-----|---------------------|---|---------------------|---|------------|
| 3/2/2020 to 3/6/2020 | 2 | Module | Module 2: In-Country Travel (8 hours in Clinic each day) | 15 | Faculty Preceptor | 1-5 |
| TBD* | 2.1 | Experiential | Complete: Clinic Day 1 | | | |
| TBD* | 2.2 | Experiential | Complete: Clinic Day 2 | | | |
| TBD* | 2.3 | Experiential | Complete: Clinic Day 3 | | | |
| TBD* | 2.4 | Experiential | Complete: Clinic Day 4 | | | |
| TBD* | 2.5 | Experiential | Complete: Clinic Day 5 | | | |
| 3/9/2020 to 4/3/2020 | 3 | Module | Post-experience Discussions / Presentations | | Juan M. Hincapie-Castillo | 1-5 |
| TBD^ | 3 | Discussion - VC | Group Discussion Zoom Conference Call (Mandatory) | 1 | Juan M. Hincapie-Castillo, Karen Whalen | 1-5 |
| 3/9/2020 | 3.1 | Assignment Ungraded | Watch: Advancing the Sustainable Health Agenda for the Americas 2018-2030 | 0.1 | Juan M. Hincapie-Castillo | |
| 3/10/2020 | 3.2 | Reading | Read: PAHO The Sustainable Health Agenda for the Americas 2018-2030: (Page 31-42) | 1 | Juan M. Hincapie-Castillo | |
| Due on 4/3/2020 | 1-3 | Assignment Graded | Assignment 2 – Sustainable Health Agenda for the Americas | 2 | Juan M. Hincapie-Castillo, Karen Whalen | 1-5 |
| | | | Total Contact Hours in Course: | 31.35 | | |

*Trip specific

^Date and time to be determined

Required Textbooks/Readings

None required

Materials & Supplies Fees

UF Fee that is in addition to tuition: CISI Insurance.

Students are responsible for: Travel, food, lodging.

Student Evaluation & Grading

This course is pass/fail. In order to pass the course, you must receive an overall course grade of **69.50%**

[The Canvas® gradebook will be set-up using the percentages below to compute the grade.]

| Assessment Item | Grade Percentage |
|---|------------------|
| Student Performance Evaluation | |
| 1. <i>Disease State Knowledge</i> | 10% |
| 2. <i>Patient Education / Counseling</i> | 10% |
| 3. <i>Professional Team Interaction</i> | 15% |
| 4. <i>Professionalism / Motivation</i> | 15% |
| 5. <i>Cultural Sensitivity</i> | 10% |
| Assignment 1 – Country Health Profile | 15% |
| Assignment 2 – Sustainable Health Agenda for the Americas | 15% |
| Quiz | 10% |
| Total | 100% |

Rounding of grades:

Final grades in Canvas will be rounded to the 2nd decimal place. If the decimal is X.495 or higher, Canvas will round the grade to X.50. The above scale depicts this policy and grades are determined accordingly. Grade assignment is made using this policy and NO EXCEPTIONS will be made in situations where a student's grade is "close."

Educational Technology Use

The following technology below will be used during the course and the student must have the appropriate technology and software.

1. ExamSoft™ Testing Platform
2. Canvas™ Learning Management System

For technical support, navigate to [Educational Technology and IT Support Contact Information](http://curriculum.pharmacy.ufl.edu/current-students/technical-help/) at this URL:
<http://curriculum.pharmacy.ufl.edu/current-students/technical-help/>

Pharm.D. Course Policies

The Policies in the following link apply to this course. Review the [Pharm.D. Course Policies](http://curriculum.pharmacy.ufl.edu/current-students/course-policies/) carefully, at this URL:
<http://curriculum.pharmacy.ufl.edu/current-students/course-policies/>

Appendix A. Course Directory

Course Directors:

Juan M. Hincapie-Castillo, PharmD, MS, PhD

- Email: j.hincapie@cop.ufl.edu
- Office: HPNP 2338/GNV
- Phone: 352-273-5526
- Office Hours: Please see the Canvas course site for posted office hours.
-

Karen Whalen, PharmD, BCPS, FAPhA

- Email: whalen@cop.ufl.edu
- Office: HPNP 4314/GNV
- Phone: 352-273-9497
- Office Hours: Please see the Canvas course site for posted office hours.
-

Questions to Ask:

- Concerns about performance
- Guidance when there are performance problems (failing grades)
- General questions about content

Instructional Designer:

Julie Thomas, M.Ed.

Email: julie.thomas@ufl.edu

Office: HPNP 4309

Phone: 352-273-6284

Trip Preceptors

Please contact your trip leader directly for your preceptor's contact information

Appendix B. Student Performance Evaluation

Student's Name: _____ Evaluator (Preceptor): _____

Trip: _____

Choose the term that most accurately describes the student's skill level during the scheduled meetings and clinic activities.

| | Excellent Score = 2 | Competent Score = 1 | Deficient Score = 0 | Comments (Must provide if rating is Excellent or Deficient) |
|---|-------------------------------|-------------------------------|-------------------------------|---|
| <p>Disease State Knowledge:</p> <ul style="list-style-type: none"> - Synthesizes basic science and clinical information to appropriately identify patient problems - Uses appropriate critical pathways, clinical practice guidelines, and disease management protocols in the delivery of pharmaceutical care - Discusses pathophysiology of disease(s) - Applies knowledge of the pathophysiology of a specific disease to prevent medication-related problems - Assesses the needs of the target population relative to disease prevention/detection | | | | |
| <p>Patient Education/Counseling (To the best of the student's ability with the local language)</p> <ul style="list-style-type: none"> - Speaks clearly, using correct enunciation, volume, and rate - Provides accurate and pertinent information in appropriate detail - Uses terminology specific to the understanding of the patient - Uses appropriate non-verbal communication - Includes information required for the patient's social and financial needs - Provides feedback to patient questions/concerns - Determines patient level of understanding by asking questions - Demonstrates empathy - Shows concern for patient well-being - Retrieves and evaluates new information for the purpose of responding to patient questions | | | | |
| <p>Professional Team Interaction</p> <ul style="list-style-type: none"> - Demonstrates sensitivity for patients and families during team activities - Provides accurate, organized, and pertinent information relevant to the team's current or future tasks - Dresses appropriately for the setting - Demonstrates respect for other healthcare professionals - Uses interpersonal communication skills to facilitate team interactions - Actively participates in team activities - Assists team members in establishing therapeutic and/or diagnostic objectives - Uses documentation, persuasion, and alternative suggestions to resolve therapeutic disagreements - Follows up on questions asked by the team in a timely fashion - Interactions with the team are conducted with an appropriate level of confidence - Retrieves and evaluates new information for the purpose of responding to professional questions | | | | |

| | | | | |
|---|--|--|--|--|
| <p>Professionalism/Motivation</p> <ul style="list-style-type: none"> - Demonstrates knowledge and understanding of the pharmacist "Code of Ethics" - Demonstrates sensitivity to confidentiality issues - Attends and participates in all activities according to attendance policies - Identifies and respects the values of others - Defends ethical decisions through analysis of ethical principles - Is punctual for all activities - Completes assigned responsibilities on time (including patient care responsibilities) - Accommodates to change in workflow without disruption of work schedule - Initiates additional learning responsibilities - Synthesizes new information in order to draw conclusions, hypothesizes, or decides a course of action | | | | |
| <p>Cultural Sensitivity</p> <ul style="list-style-type: none"> - Assesses the religious and socio-economic value systems that affect need and adherence - Possesses the knowledge, skills, and behaviors required to identify communication tools to accommodate a culturally diverse population - Identifies cultural differences that will potentially effect professional interactions - Identifies appropriate alternative measures to improve verbal and non-verbal interactions between patient and pharmacist | | | | |

Note: This rubric is adapted from the UF COP APPE Graded Competencies

Over the course of the clinic days, the student's level of performance: (Select one)

| Significantly Decreased | Decreased | Did not change | Improved | Significantly Improved |
|-------------------------|-----------|----------------|----------|------------------------|
| | | | | |

Other comments on the student's performance during the trips:

Appendix C. Rubric for Assignments

Country Health Profile

| Criteria | Excellent | Acceptable | Poor |
|------------------------------|---|---|---|
| Country Demographics | 20 Addresses all points in the assignment with adequate information. | 10 Some points of the assignment are missing or there is incomplete information provided. | 5 Several points of the assignment are missing and there is significant incomplete information. |
| Health System | 20 Addresses all points in the assignment with adequate information. | 10 Some points of the assignment are missing or there is incomplete information provided. | 5 Several points of the assignment are missing and there is significant incomplete information. |
| Major Health Problems | 20 Addresses all points in the assignment with adequate information. | 10 Some points of the assignment are missing or there is incomplete information provided. | 5 Several points of the assignment are missing and there is significant incomplete information. |
| References | 10 Correct citation format and cross-referenced in the answer. | 5 Correct citation format. No cross-referenced in the text | 0 References are not properly cited or are incorrectly cross-referenced. |
| Plagiarism | 20 Passes plagiarism check. | 10 Some issues with plagiarism check. | 0 Significant issues with plagiarism. |
| Formatting | 10 No more than two pages; no typos; consistent font size and type; correct sentence structure. | 5 Some issues with formatting in the submitted form. | 0 Significant issues with formatting in the submitted form. |

Sustainable Health Agenda for the Americas

| Criteria | Excellent | Acceptable | Poor |
|-----------------------|---|---|---|
| Country need | 30 Addresses all points in the assignment with adequate information. | 15 Some points of the assignment are missing or there is incomplete information provided. | 5 Several points of the assignment are missing and there is significant incomplete information. |
| Health program | 30 Addresses all points in the assignment with adequate information. | 15 Some points of the assignment are missing or there is incomplete information provided. | 5 Several points of the assignment are missing and there is significant incomplete information. |
| References | 10 Correct citation format and cross-referenced in the answer. | 5 Correct citation format. No cross-referenced in the text | 0 References are not properly cited or are incorrectly cross-referenced. |
| Plagiarism | 20 Passes plagiarism check. | 10 Some issues with plagiarism check. | 0 Significant issues with plagiarism. |
| Formatting | 10 No more than two pages; no typos; consistent font size and type; correct sentence structure. | 5 Some issues with formatting in the submitted form. | 0 Significant issues with formatting in the submitted form. |