

## PHRD 5062, Basic Strategies for Scholarly Communication

### I. Contact Information

#### Course Coordinator

Jeffery Evans, Pharm.D.  
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Office: Claiborne 128 (Shreveport)  
Office hours: Mondays 12 - 5

### II. Course Prerequisites/Corequisites

Prior to registering for the class the student must have completed their first year of the pharmacy curriculum and must have permission of the course coordinator.

### III. Course Description

This course will cover the relevant and practical information necessary to produce scientific and technical manuscripts suitable for scholarly communication and publication. The student will be introduced to the conventions of technical and scientific writing and challenged to produce a manuscript suitable for publication in the literature, under the supervision of a faculty mentor.

This course will provide the student with basic knowledge and experience that will serve as a foundation for a lifetime of scholarly pursuit and productivity. It is incumbent upon professionals conducting research or patient care within basic or clinical sciences to objectively report findings that contribute to the continually growing body of medical and scientific information. This sort of contribution may range from development and disclosure of completely novel scientific theory or information to the submission of clinical case reports that identify unexpected or unique patient experiences. These communications serve as a contribution to the scientific “greater good” as well as potential catalysts for review of current practices and the standard of care on a clinical level. This course will serve as an introductory experience that will allow students to interact with basic, applied and clinical scientists to develop the necessary skills and foundation for a fruitful career of scholarly productivity.

### IV. Course Objectives and Outcomes

At the end of the course the student should be able to:

1. Understand and utilize biomedical literature.
2. Identify and evaluate appropriate biomedical literature
3. Write and submit a peer-reviewed journal quality paper to a peer-reviewed journal.
4. Verbally present research to a group of peers and faculty.
5. Develop a better understanding of faculty life.

### V. Curricular Outcomes

CAPE

Domain 1 Foundational Knowledge

- 1.1. **Learner (Learner)** - Develop, integrate, and apply knowledge from the foundational sciences (i.e., *pharmaceutical, social/behavioral/administrative, and clinical sciences*) to evaluate the scientific literature, explain drug action, solve therapeutic problems, and advance population health and *patient-centered care*.

Domain 3 Approach to Practice and Care

**3.1. Problem Solving (Problem Solver)** – Identify problems; explore and prioritize potential strategies; and design, implement, and evaluate a viable solution.

**3.2. Educator (Educator)** – Educate all audiences by determining the most effective and enduring ways to impart information and assess understanding.

**3.6. Communication (Communicator)** – Effectively communicate verbally and nonverbally when interacting with an individual, group, or organization.

**4.4. Professionalism (Professional)** - Exhibit behaviors and values that are consistent with the trust given to the profession by patients, other healthcare providers, and society.

**ACPE APPENDIX 1** (Refer to Appendix at [www.examssoft.com/ulmcp](http://www.examssoft.com/ulmcp))

Professional Communication Analysis and practice of verbal, non-verbal, and written communication strategies that promote effective interpersonal dialog and understanding to advance specific patient care, education, advocacy, and/or interprofessional collaboration goals. Exploration of technology-based communication tools and their impact on healthcare delivery, healthcare information, and patient empowerment.

Research Design Evaluation of research methods and protocol design required to conduct valid and reliable studies to test hypotheses or answer research questions, and to appropriately evaluate the validity and reliability of the conclusions of published research studies

## **VI. Course Topics**

A majority of this course will involve one-on-one time with a faculty mentor and independent work, developing ideas and processes, all leading to the final manuscript and presentation. Introductory topics to be covered in-class will include topic selection, developing an outline and manuscript, proper referencing, and publishing guidelines/journal selection. Additional topic discussions can be scheduled, as deemed necessary by students and/or faculty.

## **VII. Instructional Methods and Activities**

This course will utilize didactic lectures for the introductory material. Students will be expected to take an active part in the learning process by completing assigned readings prior to these lectures, and participating in discussions. The majority of the course will involve self-directed, active learning, as the student completes the research and manuscript preparation process.

## **VIII. Evaluation and Grade Assignment**

Course grading will be based on the following weighted requirements:

Online Assignments	70%
Rough Draft	10%
Final Draft	20%

Any and all tools used for evaluation of manuscript or presentation will be made available to students enrolled in the course.

## **IX. Class Policies and Procedures**

At a minimum, all policies stated in the current ULM *Student Policy Manual & Organizational Handbook* should be followed (see <http://www.ulm.edu/studentpolicy/>). Additional class policies include:

**A. Textbook(s) and Materials:** (Include required and recommended items)

Required: Day RA, Gastel B. *How to Write and Publish a Scientific Paper*. Greenwood Pub, 2017. ISBN: 978-1316640432

**B. Attendance Policy:**

The professional educational experience in the College of Pharmacy involves many multifaceted learning objectives, including professional interactions with faculty and peers, that don't lend themselves to traditional testing modalities and assignment of letter grades. As a result, class attendance is mandatory in all pharmacy courses. **Students reported for accumulating more than three unexcused absences in a course during an academic semester will be administratively dropped from the course with a "W" grade. In accordance with College of Pharmacy policy and procedure, a grade of "W" will be counted as an "F" grade with respect to academic standards.**

**C. Make-up Policy:**

All deadlines will be agreed upon by both the student and his/her faculty mentor. Late assignments will not be accepted. Podium presentations will be scheduled early in the semester. If a student must miss the assigned day/time, he or she must notify the course coordinator and his/her faculty mentor prior to the assigned day/time. Excuses for missing the scheduled presentation will only be given in cases of medical or other emergencies, and documentation will be required. A make-up presentation will be scheduled at the faculty's convenience.

**D. Academic Integrity:**

Faculty and students must observe the ULM published policy on Academic Dishonesty (see Page 4 in ULM *Student Policy Manual* - <http://www.ulm.edu/studentpolicy/>).

**E. Course Evaluation Policy:**

Students are expected to complete the on-line course evaluation upon completion of the course. In addition, constructive student feedback is always encouraged, and will be welcome throughout the semester and after class completion, via email, telephone, meetings, or anonymous correspondence.

**F. Student Services:**

Information concerning student services in the College of Pharmacy can be found in the College of Pharmacy Student Handbook. In particular, students you pay special attention to the Colleges technical standards and policies concerning students with special needs. Information about ULM student services, such as Student Success Center (<http://ulm.edu/cass/>), Counseling Center (<http://ulm.edu/counselingcenter/>), and Student Health Services, is available at the following Student Services web site <http://ulm.edu/studentaffairs/>.

If you are having problems with emotional, social, and/or behavioral issues please call any of the mental health clinics on the ULM campus to make an appointment. All services are free to ULM students, staff, and faculty, and are strictly confidential.

- COP Office of Student and Professional Affairs: 342-3800
- ULM Counseling Center: 342-5220
- Marriage and Family Therapy Clinic: 342-5678

- Community Counseling Center: 342-1263
- ULM HELPS (Helping Educators and Learners Prevent Suicide) Project Office: 342-1335

**G. Emergency Procedures:** (Include appropriate emergency information)

In cases of emergency please contact the course coordinators as needed and as soon as possible.

**H. Discipline/Course Specific Policies:**

Prior to registering for this course, interested students must contact the course coordinator(s). A mentor must be selected and agree to work with the student through the semester. Faculty mentors are encouraged not to take more than three students per semester. The number of students enrolled in this course is only limited by the number of faculty mentors available.

## **X. Tentative Course Schedule**

### **A. Contact Information:**

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### **B. Schedule:**

Please see Moodle Page for current Schedule of events and assignments.