

Fall 2016
Drug Information & Evidence-Based Practice (PHM 195Q)
Drug Information & Evidence-Based Practice Lab (PHM 195P)

Schedule (163C/Class): Wednesday (unique no. 60410), 11:00-11:50 AM, PHR 2.108

Schedule (163P/Lab): Monday (unique no. 60390), 1:00 – 4:00 PM, PHR 2.208
Tuesday (unique no. 60400), 1:30 – 4:30 PM, PHR 2.208
Wednesday (unique no. 60395), 1:00 – 4:00 PM, PHR 2.208
Thursday (unique no. 60405), 1:30 – 4:30 PM, PHR 2.208

Coordinator: **Veronica Young, PharmD, MPH**
(PHM 195Q, 195P)

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Emergency contact (after hours): Leave voicemail on work phone and/or email

Faculty: **Jennifer Seltzer, PharmD**, (210) 567-4285; seltzer@uthscsa.edu

Roxanne Bogucka, MLIS, Science Instruction Librarian, Life Science Library
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Administrative Staff: **Angela Clapper**; (512) 232-2622; PHR 2.222, Pharmacy Practice Office

TAs: Mon/Wed: **Ashlee Brunaugh, PharmD**; ashlee_brunaugh@utexas.edu
Tue/Thu: **Shannon Smith**; Shannon.smith12@utexas.edu

AAAs/AAs: Monday: **Ashley Fosshat**; fosshat@gmail.com
Tuesday: **Jessica Yang**; jessica.yang10@gmail.com
Wednesday: **Jaynish Amin**; Jaynishamin@gmail.com
Thursday: **Jennifer Le**; jen.htdle@gmail.com

REQUIRED TEXT: There is no required text for the course. Handouts will be posted on Canvas five days prior to date of class.

GOALS AND LEARNING OUTCOMES

The primary goal of this course and laboratory is to help students develop the knowledge and skills necessary to serve as an effective provider of evidence-based drug information to healthcare professionals through the development of effective drug information retrieval and interpretive skills. Concepts of providing information to consumers at an appropriate level will be introduced. Students will recognize the importance of evidence-based practice and its relevance to pharmacists. The lab also aims to foster collaborative teamwork, effective communication, and provision of quality feedback among team members.

Learning Outcomes

At the completion of this course and laboratory, the student will be able to:

1. Describe the principles of evidence-based practice and how it is the foundation of the pharmacists' patient care process
2. Search for evidence systematically using the most appropriate resources (i.e., tertiary, secondary, primary, miscellaneous)
3. Demonstrate proficiency in thoroughly and accurately retrieving and interpreting information from tertiary resources
4. Conduct thorough and efficient Medline searches
5. Differentiate between different study designs by their structures and unique components, and describe the advantages and disadvantages of each type of study
6. Interpret and critique observational and experimental studies at an introductory level
 - 6a. Describe the different sections of a journal article
 - 6b. Critique the methods of a study in order to determine whether the study design is appropriate, and whether it contains any potential biases and/or confounding variables
 - 6c. Interpret the results of a study
7. Interpret and synthesize ALL evidence found and formulate a response and/or recommendation that is consistent with students' current level of pharmacotherapy knowledge and pharmacy experience
8. Respond to drug inquiries using the "systematic approach to handling drug information requests"
9. Describe the relationship between "level of evidence" and different study designs/sources of information, and how this relationship affects the translation of evidence in the clinical decision making process
10. Communicate responses and/or recommendations professionally through verbal presentations and written reports
11. Reflect on individual qualities needed to be an effective team leader/team player and characteristics that contribute to effective teamwork

ATTENDANCE REQUIREMENTS

PHM 195Q (lecture): Daily class attendance is expected. Official course announcements will be made in class. If you miss a class for any reason, you will be held responsible for all materials covered and announcements made in your absence.

PHM 195P (lab): Attendance in lab is **MANDATORY**. Attendance will be taken at the beginning of every session.

- No unexcused absences are permitted. There will be a lowering of one letter grade in the course for each unexcused absence.
- Excused absences are only accepted in the case of an emergency or illness. The TA must be contacted in advance where circumstance permits.
- Absences for all other reasons, including College functions approved by the Dean, must be approved by your TA in advance. REQUEST FOR PERMISSION must be obtained from your TA at least 2 weeks before the conference/event. Immediately upon approval, it is also the student's responsibility to notify the AAA and his/her team members PRIOR to the actual lab session.
- In the event you are unable to reach your TA, please contact your lead lab faculty (Drs. Young or Seltzer) immediately.
- Making up materials covered in a session is the student's responsibility, and the student will be required to complete an alternate assignment. Due to space limitations in laboratory sections and the team structure, students will not be permitted to attend another lab other than the one registered.

PRE-LECTURE REQUIREMENTS

PHM 195Q (lecture): The lecture period may be used for didactic lectures and/or for discussion. For some topics, the instructor may require a student to view a pre-recorded video or to read required readings prior to the actual lecture. It is imperative that a student completes these requirements prior to class, because the subsequent lecture period is designed to incorporate the information the student should have acquired through the pre-lecture preparation. There will be questions on examinations from these pre-lecture materials. Some labs will also require the student to utilize the knowledge acquired from these videos or readings.

PROFESSIONALISM

As a pharmacist, you are expected by your patients, subordinates, employers, and colleagues to act and dress in a professional manner at all times. This same expectation is applicable in the classroom environment and in laboratory sessions.

PHM 195Q (lecture): Classroom Conduct

It is your responsibility to attend class and conduct yourself in a manner respectful to both faculty and fellow students in the classroom. Please consider the following:

- Please attend all scheduled classes and arrive on time. Late arrivals and early departures are very disruptive to the learning of other students.
- Please do not schedule other engagements during this class time.
- If you have trouble hearing the lecture because of distractions around you, quietly ask those responsible for the distraction to stop.
- Students who are engaged in any unproductive or disruptive activities or activities that are unrelated to the classroom session will be asked to leave the lecture hall.
- Please do not use your cell or smart phones during lecture. Please silent your phones or put them on vibrate mode.
- Promptly inform the course coordinator if you have any problem that is preventing you from performing satisfactorily in this class.

PHM 195P (lab):

It is your responsibility to attend lab and conduct yourself in a manner respectful to faculty, TAs, AAAs, and fellow students in the session. Please respect the following:

- Arrive to lab on time.
- Please use your laptops only for access to online resources and for entering lab-related information. Use of laptops for personal reasons during lab is prohibited (e.g., chat, email, web surfing for non-course related information).
- Please do not use your cell phones during lab. Please silence your phones or put them on vibrate mode.

PROFESSIONALISM (cont.)

Dress Code for Lab

The student is expected to dress professionally in the lab. This includes the following:

- Clean white lab jacket with your name clearly identified
- Men: full length slacks, dress shirt or polo shirt with collar
- Women: dress slacks (must be below knee length) or skirts with blouses or dresses
- No shorts, jeans, sneakers, athletic shoes, flip-flops, caps or hats

Unprofessional conduct during lab, including inappropriate attire/no lab coat, will result in grade reduction or no credit for that day's work.

EXAMINATION POLICY

Materials for the examinations will come from lectures, pre-lecture requirements, pre-lab preparations, and laboratory topics. Each examination in this course may consist of multiple-choice, true-false, matching, and fill-in-the-blank questions.

All examinations: Students must arrive on time for the exams. All instructions and corrections will be made at the beginning of the exam period and will not be repeated. Students arriving late may have points deducted from the exam. Students arriving after an exam has been handed in by another student may not be allowed to sit for the exam and may receive a score of zero for the exam.

No allowances will be made for an exam being missed, other than illness or emergency. The student must contact the course coordinator for confirmation **PRIOR** to the scheduled test where circumstance permits. In the event the student is unable to contact the course coordinator prior to the exam due to an emergency, email and/or call the coordinator as soon as possible.

If permission is granted to delay the exam, it is the student's responsibility to complete the College Form titled "**Student Request for Alternate Examination Time**" for final consideration and *final approval* by the faculty. This form can be obtained from any secretarial/staff member or the Student Affairs Office. Appropriate documentation (e.g., attendance at national conference) should be submitted to the Course Coordinator along with this form. If permission is granted to miss an exam, the make-up exam may be of a different format, at the discretion of the course coordinator. An unexcused absence from an exam may result in a score of "zero" for that exam. This is the established procedure for a missed exam. No special exceptions will be granted.

Reconsideration Requests: Answers to exam questions are based on the scantron sheets turned in AND NOT on answers written on the examination booklet. All scantrons are taken to the Measurement and Evaluation Center for grading. **Reconsideration requests are not accepted.** If any of the questions are assessed to be "poor questions" based on an analysis of the examination, it is the prerogative of the Course Coordinator to discard the question(s) from the test or accept additional answers. However, if a student has questions regarding any of the subject matter tested, s/he is encouraged to communicate with the respective faculty immediately after an exam is made available for review.

Re-examination Policy: No re-examinations will be administered in this course, and re-examination on the final exam (as described in the University's policy on "Re-Examination Petition") will NOT be an option in this course.

Return of Exams and Posting of Scores: *All exams will be retained by the course coordinator.* Any student who removes an examination from the testing room will receive a **score of zero** for that examination. After grading is completed, grades will be posted on the course's web site (Canvas' Gradebook) within 2 weeks of the examination.

Post-Exam Reviews: *Students will have the opportunity to review their exams during specific time periods.* The exam questions and answer key will be made available to students for review through the designated faculty or administrative staff in Room 2.222. Students may NOT remove any part of the exam from the designated exam review area. Under NO circumstances shall students hand-copy or photocopy any portion of the exam or copy in any other way (e.g., taking a digital image) any portion of the exam. Use of cell phones during this review is strictly prohibited.

Assigned Seating Arrangement: There will be assigned seats on days that examinations will be held. A seating chart will be posted on Canvas prior to the first exam. The same assignment should be followed for all exams. Each examination booklet will be pre-labeled with your name. *Should you have any special needs that may prevent you from sitting in certain locations of the classroom, please notify the course coordinator within the first week of class (i.e., no later than the second class day).* Thank you for your cooperation.

CONCEPT APPLICATION – NEWSLETTER

PHM 195Q (lecture):

You will be applying concepts of utilizing health information from the web and health literacy by preparing a newsletter for consumers. Guidelines will be made available via Canvas along with the specific instructions. *This activity must be completed individually.* Please refer to course schedule for due date. It will be due **prior to the start of class.**

*Failure to turn in the project by the due date and time will result in a **20% grade reduction** for each late day beginning 30 minutes after the submission deadline. To be considered for grading with penalty, a late assignment must be emailed to Dr. Young by the Friday immediately following the due date. **If the late assignment is not received by that Friday at 11 AM, the student will be given a score of "zero" for the project.***

PRE-LAB REPORT AND WRITTEN TEAM REPORT POLICY

Pre-Lab Requirements

Pre-lab preparation is required for most lab sessions. This may be in the form of submitting a pre-lab report, reading required materials, and/or watching a video-stream. Specific instructions will be given with each lab.

If a pre-lab report is required, it must be word-processed and completed individually by each student. Collaboration with another group member is prohibited. Write-ups for the pre-lab component will be submitted to the TA/AAA **at the beginning of each lab session**. Each student must be prepared for lab in order to effectively participate as a team member. Lab time should be used for discussion and clarification, and to synthesize the information for the written report.

Failure to turn in a pre-lab write-up at the beginning of the lab session will result in a **10% deduction** for each late day beginning immediately after the submission deadline. A late pre-lab report should be handed to the TA/AAA (during lab) or emailed directly to your TA (after lab).

Written Team Report

All written team reports must be word-processed. Each team should submit only ONE written team report per lab by the next business day following the day of your lab session unless otherwise instructed. The submission must be made no later than 11:59 PM or as noted. For example, the report for a Monday session (e.g, 9/12) must be submitted by Tuesday (e.g., 9/13, by 11:59 PM).

Failure to turn in the written team report by the assigned due date and time will result in a **20% deduction** for each late day beginning immediately after the submission deadline. This penalty applies to all team members.

Specific instructions on how to submit the written reports will be discussed at the first lab session. Since the written report is a result of your team effort, all students within a team will receive the same grade for that report.

PEER EVALUATIONS

PHM 195P (lab)

Peer Evaluation: An effective and well-functioning team is essential for any team to learn with and from each other, and to produce quality and meaningful work. Successful teamwork requires team members to function cohesively, and to be accountable for one's individual work and group work. As important as feedback from the faculty, receiving constructive feedback from your peers is a very important component for fostering teamwork and enhancing learning. Positive feedback and suggestions for improvements are both valued. In PHM 195P, all students will be REQUIRED to conduct peer evaluations of their team members, once during mid-semester, and again at the end of the semester. Evaluations of each student will be compiled and provided to the individual student. The compiled data will not contain any identifying information of those who conducted the evaluation.

Failure to complete peer evaluations will result in a lowering of one letter grade for the laboratory course.

GRADING POLICY

PHM 195Q (lecture): Grades for this course will be based on the following:

Examination #1	25%	Final Examination	35%
Examination #2	30%	Newsletter	10%

Final letter grades for this course will be determined based on the following scale:

Grade	Percentages
A	93-100%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	73-76%
C-	70-72%
D+	67-69%
D	65-66%
F	Below 65%

NOTE: It is the prerogative of the course coordinator to evaluate course grades and determine if an upward curve is warranted. In no instance will grades be curved downward. No test scores will be “dropped” and no “re-examinations” will be offered for poor performance.

PHM 195P (lab): The final semester grade for lab will comprise of the following criteria:

Category	% of Final Grade [‡]	Requirements
Individual work (individual assessment)	10%	<ul style="list-style-type: none"> • Pre-lab reports • Peer evaluations*
Participation (individual assessment + team process)	30%	<ul style="list-style-type: none"> • Contribution to team work and team discussion during every laboratory session • Participation in large class discussion
Team work (team assessment)	60%	<ul style="list-style-type: none"> • Written team reports • Oral presentations

[‡] *Unprofessional conduct, including inappropriate attire, will result in a penalty applied toward a student's participation grade for that lab.*

* *Failure to complete peer evaluations will result in a lowering of one letter grade for the course*

Final letter grades for this laboratory will be determined based on the following scale:

Grade	Percentages
A	90-100%
B	80-89%
C	70-79%
D	65-69%
F	Below 65%

ACCESSING DRUG INFORMATION RESOURCES

All drug information resources required to complete the course and labs are readily available either online or at the Life Science Library. For resources that are only available in hard copies, students can utilize these references at any hour that the Life Science Library is open. The online resources also are available off-campus via the Internet; access will require either your UTEID and password, or another user name and password which your instructor will provide.

The majority of online resources can be accessed through Canvas, located under “modules”. Online resources also can be accessed via ClinIC or Clinical Information Center (<http://www.lib.utexas.edu/lsl/clinic/index.html>).

Students requiring assistance with any of the resources can seek help from Roxanne Bogucka in the Life Science Library. Please also contact Dr. Young with any questions or concerns.

LAPTOP REQUIREMENT IN LABORATORY

Students will be working in small groups during each laboratory session. Each session will require access to the web to retrieve drug information. Information evaluated will need to be entered into a word-processing program. It is highly recommended that each student bring his or her laptop. In the event that a student does not have access to a laptop, it is highly recommended that each team should have **a minimum of 4 laptops** to be shared among team members.

USE OF CANVAS

The **official course management site is CANVAS** for this course and laboratory. Canvas can be accessed via <http://canvas.utexas.edu>. Access is UTEID-protected and provides you with links to the courses in which you are currently enrolled. You must access this site for course- and lab-related materials including schedule changes, distribution of course- and lab-related materials such as laboratory guides, class assignment, and exam- and lab-grades. Canvas also will be used for official course- and lab-related announcements and exchange of class information and questions via the discussion board. Please be aware that messages posted to the discussion board are available to all enrolled students and faculty. This website also can be used to contact the course coordinator. ***It is the student's responsibility to check Canvas on a regular basis for new announcements, lab guides, and other course correspondence. Students will be held responsible for all materials posted on Canvas.***

Each student will have access to two Canvas sites for this course and lab.

- **PHM 195Q (lecture):** all course-related communications, including exam/course grades will be posted here
- **PHM 195P (lab):** all lab-related communications will be posted here, including laboratory guides and lab grades; students will upload and submit written team reports via Canvas

Getting Help for Canvas-related Issues

If you encounter any problems with accessing Canvas or require other technical assistance, please contact the Instructional Technologies (ITS) Help Desk at **475-9400 (Monday-Friday, 8 AM – 6 PM)** or the “Tutorials for Students” at <http://canvas.utexas.edu>.

USE OF E-MAIL FOR OFFICIAL CORRESPONDENCE TO STUDENTS

E-mail is recognized as an official mode of university correspondence; therefore, you are responsible for reading your e-mail for university and course-related information and announcements. You are responsible to keep the university informed about changes to your e-mail address. You should check your email regularly and frequently. Checking your e-mail daily is highly recommended, but at a minimum, you should check e-mail twice a week in order to stay current with course- and university-related communications, some of which may be time-critical. You can find UT Austin’s policies and instructions for updating your e-mail address at <http://www.utexas.edu/its/policies/emailnotify.php>.

For students who prefer communicating with the faculty via e-mail, responses to questions related to the course or lab are generally returned within two to three working days. In the event that you do not receive a response within that time frame, please send another email message because email can get lost during transmission.

VIDEO-STREAMED RECORDINGS (ECHO 360 in room 2.108)

Class Recordings: If video-recordings of a class are made available by the College of Pharmacy, they are intended solely for the purpose of review by student currently enrolled in the that class. Faculty and students utilizing class video-recordings should be careful to not compromise the privacy of either themselves or other users (<http://registrar.utexas.edu/students/records/ferpa>), or the rights of the presenter. Any additional distribution of these recordings (regardless of format) is prohibited without the written and signed permission of the presenter. In addition, students who wish to make their own personal recordings (audio and/or video) during class must first secure permission from the presenter.

Video-streamed recordings of lectures are intended to facilitate learning for those students who find this type of supplementation useful; they are not a substitute for attending class. You are expected to attend all scheduled lectures. Recordings of these lectures will be available to you over the entire semester. While every effort will be made to ensure recordings of each lecture are available for viewing, it is possible that technical difficulties during a lecture period may prevent a lecture from being recorded. In those instances, video-streamed recordings of those lectures will not be available.

Viewing video-streamed recordings of lectures is primarily intended for on-campus computer facilities (e.g., LRC Library, 3.116 computer lab, or other computer facilities available on your specific campus). However, it should be possible to view the streaming video off-campus using broadband connections. The course coordinator and local coordinator are not in a position to troubleshoot your video-streaming problems. Please access the LRC website at <http://www.utexas.edu/pharmacy/resources/lrc> to address these problems. Any other questions should be directed to LRC.

OTHER COURSE, COLLEGE OR UNIVERSITY POLICIES AND INFORMATION

UNIVERSITY OF TEXAS HONOR CODE

The core values of The University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity, and responsibility. Each member of the university is expected to uphold these values and integrity, honesty, trust, fairness, and respect toward peers and community.

ACADEMIC INTEGRITY

The "Statement on Ethical Conduct and Scholastic Integrity of the College of Pharmacy" reads as follows: "Pharmacy practitioners enjoy a special trust and authority based upon the profession's commitment to a code of ethical behavior in its management of client affairs. The inculcation of a sense of responsible professional behavior is a critical component of professional education, and high standards of ethical conduct are expected of pharmacy students. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including failure of a course involved and dismissal from the college and/or the University. Since dishonesty harms the individual, fellow students, and the integrity of the University and the College of Pharmacy, policies of scholastic dishonesty will be strictly enforced in this class".

Faculty and students of the College of Pharmacy have pledged their support to the Policy Statement on Ethical Conduct and Scholastic Integrity and the Code of Ethics that implements this Policy Statement. Upon entering the College of Pharmacy, students are asked to recite and sign the following pledge:

"As a student of the University of Texas College of Pharmacy, I have reviewed and hereby pledge my full support to the Honor Code. I pledge to be honest myself, and in order that the spirit and integrity of the Honor Code may endure, I pledge that I will make known to the appropriate authorities cases of dishonesty which I observe in the College of Pharmacy."

The following oath will be included at the end of all class examinations. At the discretion of the instructor, the oath may also be required for other assignments, written reports, or papers:

"I have neither participated in nor witnessed any acts of academic dishonesty pertaining to this assignment."

Students are expected to work independently on assigned work and examinations, unless otherwise instructed by the course instructor. For group work, students are expected to collaborate only within their respectively assigned group. Any student discovered to have committed scholastic dishonesty will be given a grade of "zero" on that assignment, laboratory, or examination. Any student suspected of academic dishonesty will be reported to the Dean of the College of Pharmacy and to the Dean of Students, as per University regulations. Students are expected to have read and understood the current issue of the General Information Catalog published by the Registrar's Office for information about procedures and about what constitutes scholastic dishonesty.

Common examples of scholastic dishonesty include, but are not necessarily limited to, the following:

1. Copying (manually or electronically) answers from another student's assignment, lab report, or examination paper
2. The use of crib notes or crib sheets
3. Writing notes or information for testing purposes or concealed pieces of paper, desk tops, your skin, your clothing or any other material
4. Stealing copies of the test or examination
5. Changing answers after the test/examination period is completed
6. Talking to another student during a test or examination
7. Talking to another student from an earlier lab session seeking answers for a lab you have not yet participated in
8. Any other act which gives a student an unfair advantage on an examination or a lab session as compared with his/her classmates

Also, you should refer to the Student Judicial Services website at <http://deanofstudents.utexas.edu/sjs/> to access the official University policies and procedures on scholastic dishonesty as well as further elaboration on what constitutes scholastic dishonesty.

PLAGIARISM

Plagiarism is considered scholastic dishonesty and will not be tolerated in the course. Any assignment or laboratory report found to contain plagiarized material will receive a grade of zero. At the prerogative of the course coordinator, the student may be assigned a new topic to complete within a specified length of time. The highest grade a student will receive from this second write-up is 65%.

According to the American Medical Association *Manual of Style (9th edition)*, plagiarism in its broadest sense is an attempt to deceive. Specifically, the *Manual of Style* states that plagiarism occurs whenever “an author passes off as his or her own the ideas, language, graphics, or even scientific protocols created by someone else, whether published or unpublished, without giving appropriate credit. Plagiarism of published work violates copyright laws as well as standards of honesty and collegial trust and may be subject to penalty imposed by a court should the holders of the copyright bring suit”. Several types of plagiarism have been identified with 2 major examples being (1) verbatim (word-for-word) use of passages of text without enclosing the material in quotation marks, and (2) paraphrasing material without attribution to the original author (i.e., not footnoting the material). It is important to note that plagiarism also includes using a mixture of one’s own original work/phraseology with material that closely resembles someone else’s work. Even if footnotes are used, use of wording that is verbatim (in whole or in part) OR consistently resembles the original work of another author with only minor changes in phrasing constitutes plagiarism. Since it is virtually impossible to differentiate deliberate plagiarism from “accidental” plagiarism or mere coincidence, any evidence of plagiarism will result in a grade of zero for the paper.

Information on (avoiding) plagiarism and related UT policies can be found at http://deanofstudents.utexas.edu/sjs/acadint_plagiarism.php .

OATH OF A PHARMACIST

Students are required to adhere to the principles that guide our profession including the oath taken by all pharmacist practitioners.

“At this time, I vow to devote my professional life to the service of all humankind through the profession of pharmacy.

I will consider the welfare of humanity and relief of human suffering my primary concerns.

I will apply my knowledge, experience, and skills to the best of my ability to assure optimal drug therapy outcomes for the patients I serve.

I will keep abreast of developments and maintain professional competency in my profession of pharmacy.

I will maintain the highest principles of moral, ethical, and legal conduct.

I will embrace and advocate change in the profession of pharmacy that improves patient care.

I take these vows voluntarily with the full realization of the responsibility with which I am entrusted by the public.”

BEHAVIOR CONCERNS ADVICE LINE (BCAL)

If you are worried about someone who is acting differently, you may use the Behavior Concerns Advice Line to discuss by phone your concerns about another individual’s behavior. This service is provided through a partnership among the Office of the Dean of Students, the Counseling and Mental Health Center (CMHC), the Employee Assistance Program (EAP), and The University of Texas Police Department (UTPD). Call **(512) 232-5050** or visit **<http://www.utexas/safety/bcal>**.

ACADEMIC ACCOMODATIONS FOR STUDENTS WITH DISABILITIES

The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. All University rules concerning accommodations must be followed, including the student arranging for special accommodations ***prior to each examination***. In the absence of such ***prearrangement***, it is assumed that the student is not requesting special accommodations for that test, and will be expected to take that test with the rest of the class at the regularly scheduled test period. A student with disabilities may request appropriate academic accommodations from the Division of Diversity and Community Engagement, Services for Students with Disabilities, at 471-6259 (voice) or 1-866-329-3986 (video phone) as soon as possible to request an official letter outlining authorized accommodations. The URL is <http://www.utexas.edu/diversity/ddce/ssd/>.

Notification of Faculty

Students registered with SSD should provide their faculty members with an official letter from SSD outlining the academic accommodations for which they have been approved. It is the student's responsibility to deliver the letter to each faculty member and to discuss the accommodations. The

student should remind the instructor of any testing accommodations five business days before each exam.

ACCOMMODATIONS FOR RELIGIOUS HOLIDAYS

By UT Austin policy, the student must notify the course coordinator of the pending absence ***at least 14 days prior*** to the date of observance of a religious holy day. If the student must miss a class, an examination, a work assignment, a laboratory session, or a project in order to observe a religious holy day, the student will be given an opportunity to complete the missed work within a reasonable time after the absence.

CAMPUS CARRY

Students should familiarize themselves with the information provided by the University regarding the implementation of “Campus Carry” legislation. You will find an information sheet specifically for students (as well as sheets for parents, visitors, faculty, and staff) at <http://campuscarry.utexas.edu/info-sheets>.

EMERGENCY EVACUATION POLICY

Occupants of buildings on the UT Austin campus are required to evacuate and assemble outside when a fire alarm is activated or an announcement is made. Please be made aware of the following policies regarding evacuation: familiarize yourself with all exit doors of the classroom and the building. Remember that the nearest exit door may not be the one your used when you entered the building.

If you require assistance to evacuate, inform me in writing during the first week of class. In the event of an evacuation, follow the class instructor instructions. Do not re-enter a building unless you’re given instructions by the Austin Fire Department, the UT Austin Police Department, or the Fire Prevention Services office.

PHM 195Q (Class) – Fall 2016
Wednesdays, 11:00 – 11:50 AM; Room PHR 2.108

CLASS SESSION	DATE	LECTURE TOPIC	INSTRUCTOR	PRE-LECTURE REQUIREMENTS*
1	8/24	Evidence-Based Practice in the Pharmacists' Patient Care Process/ Systematic Approach to Handling Drug Information Requests	Young	
2	8/31	Tertiary Resources/ Online Databases	Young	
3	9/7	Tertiary Resources/ Online Databases	Young	
4	9/14	Secondary Resources/ Medline Searching	Young	Yes (Secondary Resources)
5	9/21	Primary Resources: Journals and Periodicals General Principles of Study Design Study Design: Descriptive studies	Young	Yes (Journals and Periodicals)
6	9/28	Study Design: Observational Studies	Young	
7	10/5	Study Design: Observational Studies	Young	
8	10/12	Study Design: Clinical Trial	Seltzer	
Exam	10/13 THURSDAY 8-8:50 AM	Examination #1 (lectures 1 – 5; pre-lecture materials if any; pre-labs & labs 1 – part 1 of lab 5)	Young	
9	10/19	No class		
10	10/26	Study Design: Clinical Trial	Seltzer	
11	11/2	Data Presentation and Interpretation	Seltzer	
12	11/9	Data Presentation and Interpretation	Seltzer	
13	11/16	Biomedical Resources from the Internet Begin work on newsletter	Young	
Exam	11/21 MONDAY 7:30-8:50 AM	Examination #2 (lectures 6, 7, 9 - 12; pre-lecture materials if any; pre-labs & labs 6-8)	Young	
14	11/30	Overview of Evidence-Based Practice Clinical Practice Guidelines/Keeping Up-to-Date Submit Project in Class (due 11 AM)	Young	
	TBA	Final Examination (cumulative: lectures, pre-lecture materials, pre-labs and labs)	TBD	

**Pre-lecture requirements must be completed PRIOR to lecture. The format may be a pre-recorded video or reading materials containing information pertinent during discussion in the lecture. There may be additional pre-lecture requirements. These will be announced in class or posted on Canvas in advance.*

PHM 195P (Lab) – Fall 2016

M, W: 1:00 – 4:00 PM/ T, TH: 1:30 – 4:30 PM

Room: PHR 2.208

LAB #	WEEK OF	LAB TOPIC	PRE-LAB PREPARATION*	WRITTEN TEAM REPORT DUE
	8/22 – 8/25	No lab – Partial Week	--	--
1	8/29 – 9/1	Orientation Responsibilities and Team Leaders Assignment Team Activity <i>*Submit leader assignment today via Canvas</i> <i>*Submit hardcopy of team contract (signed) at the beginning of Lab 2</i>	--	Leader assignment due at the end of today's lab
	9/5– 9/8	No lab – Holiday	--	--
2	9/12 – 9/15	Tertiary Resources <i>*Team contract due (submit hardcopy to TA/AAA at the beginning of lab)</i>	Pre-lab report due	Next business day by 11:59 PM
3	9/19 – 9/22	Tertiary Resources/ Challenge Round	Pre-lab report due	Next business day by 11:59 PM
4	9/26 – 9/29	Medline Searching/ Study Design	Pre-lab report due	Next business day by 11:59 PM
5.1	10/3 – 10/6	Systematic Approach to Handling a Drug Information Request (Part 1): Development of Strategy and Information Retrieval <i>Peer Evaluation #1 Completed by Mon 10/10</i>	Pre-lab report due	--
5.2	10/10– 10/13	Systematic Approach to Handling a Drug Information Request (Part 2): Synthesis of Evidence and Formulation of Response	--	Next business day by 11:59 PM
5.3	10/17 – 10/20	--- TEAM ORAL PRESENTATION --- Systematic Approach to Handling a Drug Information Request (Part 3): Presenting the Evidence	--	--
6	10/24 – 10/27	Journal Club – Literature Evaluation Study Design: Observational Study	Pre-lab report due	Due at the end of the 1 st hour during lab
7	10/31 – 11/3	Journal Club – Literature Evaluation Study Design: Clinical Trial	Pre-lab report due	Due at the end of the 1 st hour during lab
8.1	11/7 – 11/10	Journal Club (Part 1): Interpretation and synthesis of assigned journal article	--	Next business day by 11:59 PM
8.2	11/14 – 11/17	--- TEAM ORAL PRESENTATION --- Journal Club (Part 2) <i>Peer Evaluation #2 Completed by Mon 11/21</i>	--	--
	11/21 – 11/24	No lab – Thanksgiving Holiday	--	--
9	11/28 – 12/1	Team Activity	--	--

**Pre-lab reports must be submitted to the TA/AAA at the beginning of each laboratory session.*