

University of Montana

ScholarWorks at University of Montana

University of Montana Course Syllabi

Open Educational Resources (OER)

Fall 9-1-2008

PHAR 553.00: Therapeutics III

Michael P. Rivey

University of Montana, Missoula, michael.rivey@umontana.edu

Douglas Allington

University of Montana, Missoula, douglas.allington@umontana.edu

Rose Macklin

University of Montana, Missoula, rose.macklin@umontana.edu

Lee Ann Bradley

University of Montana, Missoula

Sarah Miller

University of Montana, Missoula, sarah.miller@umontana.edu

See next page for additional authors

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Let us know how access to this document benefits you.

Recommended Citation

Rivey, Michael P.; Allington, Douglas; Macklin, Rose; Bradley, Lee Ann; Miller, Sarah; Hudgins, Gayle A.; Beall, Donna G.; Madson, Kim; and Keeley, Kendra, "PHAR 553.00: Therapeutics III" (2008). *University of Montana Course Syllabi*. 11971.

<https://scholarworks.umt.edu/syllabi/11971>

This Syllabus is brought to you for free and open access by the Open Educational Resources (OER) at ScholarWorks at University of Montana. It has been accepted for inclusion in University of Montana Course Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

Instructor

Michael P. Rivey, Douglas Allington, Rose Macklin, Lee Ann Bradley, Sarah Miller, Gayle A. Hudgins, Donna G. Beall, Kim Madson, and Kendra Keeley

Pharmacy 553 Therapeutics III: **Fall 2008**

Lectures: Tuesday & Thursday 9:10-11:00 SB 117

Course Coordinator:	Michael Rivey =====>	M. Rivey
Instructors:	Douglas Allington	Office: 243-6796
	Rose Macklin	Community Hosp: 327-4299
	Lee Ann Bradley	ext. 7605
	Sarah Miller	Pager: 329-6122
	Gayle Hudgins	Home: 251-3369
	Donna Beall	Cell: 546-5534
	Kim Madson	
	Kendra Keeley	

Material and Resources

Required Texts: DiPiro *Pharmacotherapy, 6th edition*
APhA: *Handbook of Nonprescription Drugs 15th edition*
Medical Letter on Drugs & Therapeutics
Goodman & Gilman's *Pharmacological Basis of Therapeutics*
A medical dictionary
Pagana & Pagana: *Diagnostic & Lab Test Ref.*, or other lab. text

Optional Texts: Murphy: *Clinical Pharmacokinetics pocket reference*
Boh *Pharmacy Practice Manual*
Evans: *Applied Pharmacokinetics*
Young, Koda-Kimble: *Applied Therapeutics*
Herfindal, Gourley, Hart: *Clinical Pharmacy and Therapeutics*
Hansten & Horn: *Drug Interactions*

Goals of the Course

To promote the students' understanding of common disease states with particular emphasis on the facets of diseases that are amenable to drug therapy.

To familiarize the student with the proper use of drugs in a clinical setting.

To develop the students' awareness of factors that should be considered prior to selection of a drug and the appropriate parameters that should be monitored for therapeutic as well as undesired effects.

To encourage the students' ability to problem-solve in the clinical setting.

Performance Objectives

Upon completion of this course, each student shall be able to:

Relate the pathophysiology of a disease to the known or purported action of a drug.

Evaluate the seriousness of a disorder based on the signs and symptoms related to a diagnosed problem, and:

- determine the necessity of drug therapy,
- when applicable, choose the proper drug and/or drug product for the situation.

Determine the place of non-pharmacologic and natural therapies, when applicable.

Tailor the drug therapy of an individual based on patient characteristics and known pharmacokinetics principles.

Identify potential drug-drug interactions.

Monitor the appropriate parameters of a disease to determine if the patient is responding positively to therapy.

Monitor for adverse drug reactions and exacerbations of underlying patient problems resulting from drug therapy.

Student Responsibilities and Obligations

* To attend and participate in lecture sessions.

* To do assigned readings from the texts.

* To attend Integrated Studies conferences, prepare each case in advance, to present a patient case, and participate in the discussion of all patient presentations.

* To perform satisfactorily on course quizzes and lecture examinations.

GRADING IN COURSE: Phar 553 Therapeutics III

3 midterm exams: 100 points each	300 points
Final exam (comprehensive, multiple choice) (80 pts comprehensive, 50 pts over new topic lectures)	130 points
Topic quizzes: 8 quizzes graded on 10 pts each	<u>Bonus pts > 75% (60 pts)</u>
TOTAL POINTS FOR COURSE	430 POINTS

Class quizzes: The purposes of the quizzes are to promote reading of the text before a topic and encourage class attendance and attention. Quizzes will occur before topic lectures and will test understanding of basic concepts in the reading assignment, and will cover only chapter/reading material associated with the day the quiz is scheduled. If there are multiple chapters or readings, the one for quiz content is indicated.

A quiz will consist of 5 multiple choice or true/false questions, each worth 2 points. **QUIZ** on syllabus indicates a quiz will be given for assigned reading at start of the given lecture. Lowest 2 quiz grades will be thrown out; **no make-ups will be allowed** for quiz. **Scoring: Quiz performance can only benefit student;** bonus points for the course will be awarded for all points over 75% (i.e. 60 pts) of the potential total 80 pts on the quizzes (10 total quizzes – 2 throw-outs = 8x10 pts)

Exams:

3 midterm exams: Tests will be in "traditional" case report fashion with multiple choice/short answers required. Tests will be given on **Thursday late afternoons 4:30-6:30 PM.**

Work is not an acceptable excuse for not taking a test during the test time. Any excuse for missing a test must be approved BEFORE the test is given, and an Agreement for taking the test at an alternate time will be filed in the Dean's Office. Calculators may be required for tests; **PDA's are not allowed.**

Final exam: 65 multiple choice questions worth 2 pts each. An effort will be made to design questions in the style similar to what you will encounter on the NAPLEX exam.

Grading:

Grades generally follow closely to 90-100% A; 80-89% B; 70-79% C; 60-69% D, and below 60% F. Grades may be slightly given on a curve depending on overall students' performance in course. We do use the +/- system for grading

UM Statement

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or disciplinary sanction by the University

All students need to be familiar with the Student Conduct Code. The Code is available for review online at <http://www.umt.edu/SAVPSA/index.cfm/page/1321>

Integrated Studies Conferences: you will be assigned to a conference based on period you registered for; instructors are not necessarily the ones under which you registered. Attendance/make-up **is required** for all topics/cases; you may attend a different conference in order to complete the assignment, but **ONLY** with instructor permission. The “make-up” requirement for a conference missed due to unavoidable incident will be at the discretion of the instructor, dependent on the topic. Failure to complete any conference will result in a grade of “fail” for course.

Class civility: Your **student colleagues** have strongly indicated to us that they wish to spend their valuable time in class listening to the therapeutics topics. They **do not** appreciate any “side” conversations while the instructor is lecturing. They **do** appreciate students raising questions about important lecture aspects for further discussion or clarification.

Out of respect for your classmates, we will not tolerate excessive and disruptive talking during lecture. The instructor may first ask you to be silent; you may be asked to leave class if you persist in disruptive talking. The instructor will be the judge of “what” constitutes disruption. Please note that we **encourage** questions and relevant discussion.

Cell phones must be in the “off” mode during class. Disruption due to the use of cell phones in class will not be tolerated; this includes cell phones turned to the “vibration” mode.

Policy regarding young children: It may sometimes be necessary for a student to bring their young child to class, due to school illness policy, daycare provider illness, or off-school days. It is acceptable to bring a child to class **ONLY** in those situations. Do not bring an acutely ill child to class. Please remember that children generally are NOT entertained by a therapeutics lecture, so provide some activity for them during class.

It is the responsibility of the parent to assure that the child does not disrupt other students.

Reading assignments: Reading assignments as listed in the syllabus are for DiPiro 6th edition and the Handbook of Nonprescription Drugs 15th edition.

* **NOTE:** the DiPiro 6th edition was released in summer 2005. Material contained in a textbook typically is over 1 year old by the time the edition is printed. Please note that when discrepancies arise between what the professor presents in lecture and what is contained in the textbook, the content provided in class is more current- we strive to present the most current information vs. what is contained in a textbook.

Therapeutics 553 Pharm.D.: Lecture Syllabus

			Instructor	Reading
Aug	26 T	Introduction/ Liver disease	MPR	40
	28 Th	Liver disease	MPR	37
Sept	2	Renal disease/ QUIZ	DRA	41, 42
	4	Renal Disease	DRA	43, 44, pp 851-61
	9 T	Pain management/ QUIZ	LAB	60
	11 Th	Headache	DGB	59, OTC 5
	16 T	Contraception/ QUIZ	DGB	77 (quiz), OTC 10
	18 Th-1	Contraception	DGB	
	18 Th-1	Urinary Disorders	DRA	83, OTC 52
	23 T	Menopause/ QUIZ	GAH	80
	25 Th	Osteoporosis	GAH	88, OTC 459-460
	25 Th	Test 1 at 4:30-6:30 PM; through urinary disorders		
	30 T-1	no class , in lieu of test 1		
Oct	30 T-2	Arthritis	MPR	90, OTC 72-83
	2 Th	Arthritis/ QUIZ	MPR	89 (quiz)
	7 T-1	Gout	MPR	91
	7 T-2	Fluid & electrolytes	SJM	pp 937-50; 967-76
	9 Th	F & E	SJM	pp 950-63; 976-80
	14 T	Nutrition support/ QUIZ	SJM	pp 2559-64; 2569-72 ; 2591-8
	16 Th	Nutrition support	SJM	pp 2598-2611; 138
	21 T	Oncology/ QUIZ	KAM	TBA
	23 Th	Oncology	KAM	
	23 Th	Test 2 at 4:30-6:30 PM; through Nutrition Support		
	28T	Oncology	KAM	
	30 Th	Nausea & Vomiting	LAB	35, OTC 20
Nov	4 T	ELECTION DAY: off (in lieu of test 2)		
	6 Th	Asthma	KAK	26
	11 T	VETERANS DAY: off (in lieu of test 3)		
	13 Th-1	Respiratory pharmacotherapy	KAK	25, OTC 13
	13 Th-2	COPD/ QUIZ	DRA	27

			Instructor	Reading
Nov	18 T-1	COPD	DRA	
	18 T-2	Thromboembolic disease/ QUIZ	MPR	19
	20 Th-1	TED	MPR	
	20 Th-2	Stroke	MPR	20
	20 Th	Test 3 at 4:30-6:30 PM ; through COPD		
	25 M *	Diabetes mellitus/ QUIZ	LRM	72
	27 Th	OFF: THANKSGIVING HOLIDAY		
Dec	2 T	Diabetes mellitus	LRM	OTC 47
	4 Th	CLASS EVALUATION Thyroid disease	MPR	73

Final, Dec 10 at 1010-1200: test 4, 130 pts comprehensive multiple choice