

PHA 6630-Medication Therapy Management: A Hematological Focus Summer 2015 - 3 Semester Credit Hours

Course Purpose:

The course is intended to familiarize students with the provision of MTM in patients with **hematological** disorders that range from common to complex. The student will gain hands-on practice in the core elements of MTM for patients with **hematological** disorders, including conducting a comprehensive medication therapy review, generating a personalized medication record, designing a medication-related action plan, making pharmacotherapy interventions, and documenting the MTM service. The curricular threads of advanced pharmacotherapy knowledge, communication skills, and essential MTM business principles will be emphasized.

Course Faculty and Office Hours

Course Coordinator:

Karen Riley BScPhm, Pharm D, BCPS, CGP, BCACP, CDE
Clinical Assistant Professor
University of Florida, College of Pharmacy
Email: kdriley@ufl.edu
Phone: 519-339-0614 (cell)

Office Hours

Preferred contact method: email

Course Facilitators:

Pam Roehrl, B.S., M.S., Pharm.D.
Email: proehrl@cop.ufl.edu

Karen Riley BScPhm, Pharm.D., BCPS, CGP, BCACP, CDE
Email: kdriley@ufl.edu

Course Faculty:

Please see Appendix A for a list of faculty involved in this team-taught course.

Place and Time of Class Sessions

Lectures are prerecorded and posted on the course website in the Sakai eLearning system. Lectures may be viewed at the student's convenience. The course has one 1.5-hour live online learning session each week. Live sessions are conducted via Adobe Connect and will meet on **Sunday evenings from 8 to 9:30 PM EST, or 10 to 11:30 PM EST, or on Monday evenings from 9 to 10:30 PM EST**, depending on the assigned section.

How This Course Relates to the Learning Outcomes You Will Achieve in the MS-MTM Program:

This course prepares the MS-MTM student to accomplish the following abilities and the related Student Learning Outcomes (SLOs) upon graduation:

- Knowledge SLO: Demonstrate comprehensive knowledge related to a specific discipline within the pharmaceutical sciences.
- Problem-Solving/Critical Thinking SLO: Demonstrate the ability to evaluate a problem that is related to a discipline within the Pharmaceutical Sciences.

This course is one of a series that will develop problem-solving and critical thinking skills and prepare the student to demonstrate comprehensive knowledge in the area of medication therapy management.

Course Objectives

Upon successful completion of this course, the student will be able to demonstrate the ability to perform the following with respect to **hematological** disorders:

1. Recognize areas of pharmacotherapy knowledge essential to the provision of MTM services.
2. Identify clinical practice guidelines and current scientific literature pertaining to the provision of MTM services.
3. Evaluate scientific literature for use in providing up-to-date, evidence-based, and cost-effective MTM services.
4. Communicate effectively with patients when providing MTM services.
5. Identify barriers to patient communication and design strategies to overcome those barriers.
6. Conduct a targeted or comprehensive medication therapy review (MTR).
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8. Create a personalized medication record for an individual patient receiving MTM services.
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11. Communicate interventions effectively to physicians and other healthcare colleagues.
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Course Structure & Outline

Course Structure

The course is offered in a blended learning format that utilizes a combination of face-to-face classroom instruction, on-line learning, and hands-on experiential activities. To meet the standards for course credit assignment this three-credit course requires a minimum of 48 hours of classroom instruction or the equivalent. Since the face-to-face classroom instruction is less than 48 hours, a number of alternative instructional activities comprise the remainder of the equivalent content and serve to fulfill the curricular equivalency standard. Using a combination of live classroom instruction and alternative methods of instruction ensures that the requirements for course credit assignment are fulfilled. An outline of the course activities and their respective contribution to course credit assignment can be found in the accompanying course schedule document.

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Student Evaluation & Grading

Course Evaluation Methods

Written Assignments 25%

- Assignment 1 - Patient satisfaction survey - 7.5%
- Assignment 2 - CMR - 10%
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Quizzes 10%

- Week 3 - 5%
- Week 6 - 5%

Class participation 15%

- Discussion board - 3% (1% each)
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- Midterm exam - 25%
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<http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>.

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C	73.3-76.5	C-	70.0-73.2
D+	66.6-69.9	D	63.3-66.5
D-	60.0-63.2	E	<60

Class Attendance Policy

Attendance at the weekly adobe connect sessions is mandatory and participation in the group discussion is required. Because there is 3 opportunities to attend the BigBlueButton sessions, students who know that they will miss an BigBlueButton session should contact the facilitator as soon as possible and arrange to attend another BigBlueButton session. Upon approval of the facilitator only, students may make up a missed session by completing a brief written assignment for a maximum of 2 out of the 5 or 6 sessions. Failure to get approval for the missed session prior to the session will result in a mark of zero for the BigBlueButton session. Written documentation of the session content must be submitted to the facilitator **no later than 1 week past the missed session.**

Quiz/Exam Policy

Online Examinations

The quizzes, midterm, and final examination will be administered online. [Online examinations may consist of multiple choice, short answer and/or case-based questions. Thus, online examinations](#) necessitate skills in typing and using a computer. **If you do not have strong keyboard skills, please do not delay in contacting the course coordinator. With early intervention you can be directed to Staff members who are equipped to review your needs.** Please note that it takes time to build these skills and this is not something that can be done at the last minute. To maintain the highest standards of academic integrity, high stakes online examinations may require the use of a proctoring system. More information on the proctoring system may be found at: <http://www.proctoru.com/>

Missing Exams and Make-Up Exam Policy

Scheduled exams should only be missed for **REAL EMERGENCIES**. A student who misses an exam should notify the course coordinator via email within 24 hours. Students with an excused absence may be allowed to take a make-up exam. Make-up exams should be arranged with the course coordinator and administered within two weeks of the original exam date.

Posting of Exam Grades

Exam grades will be posted within one week of the exam. Notice will be provided to the students if there will be a delay in posting of exam grades.

Exam Rebuttals

Students have one week after posting of the exam grades to challenge any exam question. No appeals will be accepted after one week. Written appeals must include the following: **the question number and an evidence-based rationale for why the student feels their response is accurate.** The exam will be regraded, in full, by a third party. Note: the score of a fully regraded exam may increase, decrease, or stay the same. The regraded score will be considered final.

Policy on Old Quizzes and Assignments

Students will not be provided with old quizzes, exams, or assignments.

Assignment Deadlines

Late Assignments

Please submit online assignments early to avert last minute issues with technology. Late submission of assignments will result in a 50% point deduction without adequate explanation and may result in a zero grade, depending on the assignment. Students who experience technical difficulty when submitting assignments electronically must notify the course coordinator as soon as possible.

General College of Pharmacy Course Policies

The College of Pharmacy has a website that lists course policies that are common to all courses. This website covers the following:

University Grading Policies

1. Academic Integrity Policy
2. How to request learning accommodations
3. Faculty and course evaluations
4. Student expectations in class
5. Discussion board policy
6. Email communications
7. Religious holidays
8. Counseling & student health
9. How to access services for student success

Please see the following URL for this information:

<http://www.cop.ufl.edu/wp-content/uploads/dept/studaff/policies/General%20COP%20Course%20Policies.pdf>

Complaints

Should you have any complaints with your experience in this course please contact your course coordinator. If unresolved, contact the COP Senior Associate Dean-Professional Affairs. For unresolved issues, see: <http://www.distancelearning.ufl.edu/student-complaints> to submit a complaint.



University of Florida College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This course is accredited for 10 hours (1.0 CEUs). ACPE Accreditation number is posted on the course website. To receive credit for this course, you must receive a passing grade and complete the evaluation form.

Other Course Information

Appendix A: Directions for Contacting Faculty & Course Faculty List

Appendix B. Schedule of Course Activities/Topics

Appendix C. Assignments and Learning Responsibilities

Appendix A: Directions for Contacting Faculty & Course Faculty List

Directions for Contacting Course Faculty

All questions pertaining to course logistics should be posted on the course logistics discussion board. Questions for individual lecturers should be posted on the discussion under the relevant topic, so that classmates may benefit from the discussion. Please do not email the lecturers directly unless directed to do so by the course coordinator, or if the question is of a personal nature, i.e., not related to clarification of course content.

Course Coordinator

Karen Riley BScPhm, Pharm D, BCPS, CGP, BCACP, CDE- kdriley@ufl.edu

Dr. Riley completed her BScPhm from the University of Toronto and Pharm D from the University of Florida. She currently has her own professional pharmacy corporation and develops and provides Medication Therapy Management services for a number of pharmacies in Ontario, Canada. Karen has been involved in the Working Professional Pharm D Program as an Adjunct Clinical Assistance Professor since 2004 in various roles as a facilitator in Detroit and Tampa, Foundations Facilitator and expert presenter in the Renal and Psychiatric courses. Dr. Riley is a Board Certified Pharmacotherapy Specialist, a Certified Geriatric Pharmacist, a Board Certified Ambulatory Care Pharmacist and a Certified Diabetes Educator. She is currently an education coordinator for the Ontario College of Pharmacists, a member of the Practice Committee for the Ontario Pharmacist Association and a member of the Pharmacy Council supporting health care decisions to the Ontario Government. She was also the winner of the Magnum Opus Award in 2014. She has published in the areas of nephrology, osteoporosis, Medication Therapy Management and has done many presentations for pharmacists, nurses, physicians and the public during her career.

Instructors

Paul Doering, M.S - doering@cop.ufl.edu

Prof. Doering is a Distinguished Service Professor, Emeritus in the Department of Pharmacotherapy and Translational Research at the University of Florida's College of Pharmacy. For 28 years he was the Director or Co-Director of the statewide Drug Information and Pharmacy Resource Center at the Health Sciences Center, University of Florida. Over the years, Professor Doering has received numerous honors and awards. He was awarded Teacher of the Year five separate times and in 2007 he was named a member of the University of Florida's Academy of Distinguished Teaching Scholars. Paul is now enjoying his "retirement" years and is continuing his work with students and pharmacists through lectures, seminars, and other such things.

Emily Huesgen Emily Huesgen, PharmD, BCACP, AAHIVP ehuesgen@cop.ufl.edu **PENDING**

Jamie Kisgen Pharm.D., BCPS-AQ ID Jamie-Kisgen@smh.com

Dr. Kisgen graduated with his Pharm.D. from the University of Florida College Of Pharmacy. He completed a PGY1 Pharmacy Practice Residency at Tampa General Hospital and a PGY2 Infectious Diseases Specialty residency at Boston Medical Center. He currently serves as the Pharmacotherapy Specialist in Infectious Diseases at Sarasota Memorial Hospital in Sarasota, Florida. His responsibilities include directing the Antibiotic Stewardship Program, providing staff education, research, and precepting pharmacy students and residents. Dr. Kisgen has been a clinical assistant professor with the University of Florida College of Pharmacy since 2009, serving as an APPE preceptor, classroom facilitator at the St. Petersburg Campus, and a frequent lecturer in the Pharmacotherapy course sequence. He is also a Board Certified Pharmacotherapy Specialist with Added Qualifications in Infectious Diseases.

Kourtney LaPlant Pharm D, BCOP Kourtney.LaPlant@va.gov;

Dr. LaPlant is currently Clinical Pharmacy Specialist in Oncology for the North Florida/South Georgia VA Medical Center in Gainesville, FL. She also holds an appointment with the University of Florida College of Pharmacy as a preceptor for oncology APPE rotations, mentor for pharmacy students and as a lecturer. Dr. LaPlant received her Pharm.D. degree from the University of Florida in 2006. She then completed a residency in Geriatrics at the North Florida/South Georgia VA Medical Center. Dr. LaPlant received her board certification in oncology pharmacy in 2012. Her professional practice experiences include providing oncologic care for the Hematology/Oncology section of the North Florida/South Georgia VA medical center. She works in the both the inpatient and outpatient setting reviewing chemotherapy orders, verifying chemotherapy medications and counseling patients. Dr. LaPlant is part of the interdisciplinary hematology/oncology team and rounds with fellows and attendings.

Dr. LaPlant has worked on National VA projects including the development of an electronic chemotherapy ordering software and was a group leader for national pharmacist boot camp education in the area of oncology. Locally, she also serves on the Cancer and Transfusion Committee for the North Florida/South Georgia VA Medical Center.

Paige May, Pharm.D., BCOP Paige.louzon@gmail.com; paige.louzon@va.gov

Dr. Paige (Louzon) May graduated with a Doctor of Pharmacy degree from the University of Florida in 2007. She went on to complete a PGY-1 Pharmacy Practice Residency with Orlando Health in Orlando, FL. Having always had a strong interest in oncology, Dr. May then moved on to her current position as an Oncology Pharmacy Specialist at the Malcolm Randall VA Medical Center in Gainesville, FL. There she works with an interdisciplinary team with both the outpatient chemotherapy clinic and inpatient oncology service. Dr. May also lectures for the UF College of Pharmacy and serves as an oncology preceptor for residents and 4th year students. She is currently serving as a Director Elect for FSHP and has served as chair of the FSHP Educational Affairs Council and President of North Central FSHP.

Tara (McCabe) Higgins Pharm D- MCCABT@shands.ufl.edu

Dr. McCabe obtained her PharmD degree from the University of Rhode Island. She completed her PGY1 pharmacy residency at Massachusetts General Hospital and her PGY2 pediatric pharmacy residency at the University of Kentucky. She is currently a Pediatric Hematology/Oncology Clinical Pharmacy Specialist at UF Health Shands Children's Hospital

Karen Riley BScPhm, Pharm D, BCPS, CGP, BCACP, CDE- kdriley@ufl.edu - see above

Michael J. Schuh, BS, PharmD, MBA- schwarx1@comcast.net

Dr. Schuh has more than 25 years of experience managing pharmacies and small businesses. Dr. Schuh received a Bachelor of Science in pharmacy from the University of Florida in 1982. He obtained a Master's of Business Administration from the University of Phoenix in 2001 and a Doctor of Pharmacy from Nova Southeastern University in 2006. Dr. Schuh holds a Florida Pharmacist Consultant License and a Florida Pharmacist license. He is the former Outpatient Pharmacy Operations Manager of Mayo Clinic Jacksonville and has managed various other chain and independent pharmacies in the state of Florida in his career. Dr. Schuh is a clinical, ambulatory pharmacist and an Assistant Professor of Pharmacy, Family and Palliative Medicine at Mayo Clinic Florida. Currently, he serves as the primary clinical provider and coordinator of Mayo Clinic Florida's MTM pharmacy practice serving lung, kidney and liver transplant, bariatric, pain rehabilitation, and pharmacotherapy patients. Dr. Schuh is currently a Mayo Clinic Bronze Level Quality Fellow. He is an active member of the Northeast Florida Society of Health System Pharmacists, Florida Society of Health System Pharmacists, American Pharmacists Association, and Florida Pharmacy Association. On a national level he is past Chair of APhA's Academy of Pharmacy

Practice and Management Administrative Section and an APhA Congressional Key Contact. He has served as an active member of APhA's MTM Task Force and is co-founder and co-coordinator of the new APhA Medication Management Special Interest Group. Dr. Schuh is also a Clinical Assistant Professor of Pharmacy Practice at the University of Florida, and holds clinical appointments at other leading universities. Outside of pharmacy, he served as a National Quality Forum Advisory Panel Member and he is an Adjunct Professor of Nutrition Health and Wellness, Business Management and Nursing Pharmacology at DeVry University. His interests are Medication Therapy Management, Entrepreneurship, Ambulatory Care, Pharmacy Administration and Management, Pharmacy Business Models and Structure, Pharmacoeconomics, Pharmacy/Business Interfacing, and participating in local, state and national pharmacy organizations.

Teri West-Pharm D teri.west@yahoo.com

Dr. West is an Assistant Professor of Pharmacy Practice at the LECOM School of Pharmacy in Bradenton, Florida. Her current practice site is in Assisted Living Communities providing medication therapy management services and education to seniors in collaboration with Vanguard Advanced Pharmacy Systems. She is a board certified pharmacotherapy specialist. Her teaching experiences include pharmacotherapy topics relevant to chronic diseases and older adults.

Karen Whalen, Pharm.D., BCPS, CDE - whalen@cop.ufl.edu

Dr. Whalen is Assistant Dean for Clinical Education and a Clinical Professor in the Department of Pharmacotherapy and Translational Research at the University of Florida College of Pharmacy. She received her Doctor of Pharmacy degree with highest honors from the University of Florida. She completed a Pharmacy Practice Residency at the Moses Cone Health System followed by a Primary Care Residency at the James A. Haley Veterans' Hospital. Following residency training, Dr. Whalen was a faculty member in the Department of Pharmacy Practice at Nova Southeastern University (NSU) for 12 years. While at NSU College of Pharmacy, she was an eight-time recipient of the Golden Apple Award for Teaching Excellence. In 2008, Dr. Whalen joined the faculty of the University of Florida College of Pharmacy as assistant director of the St. Petersburg Campus. In 2010, she transitioned to the main campus in Gainesville. She now serves as Director of the Master of Science in Pharmacy with concentration in Medication Therapy Management degree program. Her excellence in teaching was recognized with the Faculty Recognition Award in 2011 and 2012, and the Teacher of the Year Award in 2013. Dr. Whalen is a Board Certified Pharmacotherapy Specialist and a Certified Diabetes Educator. She has practiced ambulatory care pharmacy in a variety of settings including an academic family medicine center, community pharmacy practice, and a Veterans' Affairs Healthcare System. Dr. Whalen is active in local, state and national pharmacy organizations, and is a past president of the Florida Pharmacy Association. She is a past recipient of the National Community Pharmacists Association Pharmacy Leadership Award, and the Florida Pharmacy Association Jean Lamberti Mentorship Award.

Debbie Wilson PhD - debbie.wilson@ufl.edu

Dr. Wilson, PhD has educational backgrounds in Linguistics (MA 1999) and Pharmacy Health Care Administration (PhD 2004). Dr. Wilson's Veterans Administration (VA) Health Services Research and Development (HSR&D) Post Doctoral Fellowship (2005-2008) training program at the VA Rehabilitation Outcomes Research Center of Excellence was focused on developing knowledge in shared decision-making among providers and patients. She is an Affiliate Clinical Assistant Professor in the University of Florida (UF) Department of Pharmaceutical Outcomes and Policy and Co-Coordinator of the UF College of Pharmacy course Professional Communications in Pharmacy Practice. Dr. Wilson has worked in community and nuclear pharmacy settings as a Pharmacy Technician. Dr. Wilson's research interests have focused on pharmacy professional roles (skills mix), professional expertise, shared decision-making

and patient empowerment. She is well versed in qualitative and quantitative research methodology in pharmacy health care administration, with emphasis on instrument development and validation. She has participated in eight funded studies (1 PI & 2 co-PI).

Appendix B. Schedule of Course Activities/Topics/Reading Assignments

Week	Module	Lecture Topic	Lecturer
1 06/21-06/27	Introduction to Hematologic Disorders	1.1 Course Intro/Overview 1.2 Meet the Experts 1.3 Practice Perspectives	Riley Whalen Shafiq
2 06/28-07/4	Anemias	2.1 Anemias – Part I 2.2 Anemias – Part II 2.3 Anemia MTM cases 2.4 Sickle Cell	West West West Higgins
3 07/5-07/11	HIV	3.1 Overview of HIV I 3.2 Overview of HIV II 3.3 Overview of HIV 111 3.4 HIV Opportunistic Infections	Huesgen Huesgen Huesgen Kisgen
4 07/12-07/18	Potpourri	4.1 Allergic Drug Reactions 4.2 Business Thread – Entrepreneurialism 4.3 Leadership I 4.4 Leadership II	Doering Schuh Riley Riley
5 07/19-07/25	Introduction to Oncology Supportive Care	5.1 Communication Thread: Communicating with Terminally ill 5.2 Principles of Oncology I 5.3 Principles of Oncology II 5.4 Supportive Care – Part I 5.5 Supportive Care – Part II	Wilson LaPlant LaPlant May May
6 07/26-08/02	Common Cancers Lymphoma/Leukemia	6.1 Breast Cancer – Part I 6.2 Prostate Cancer 6.3 Lymphoma 6.4 Leukemias I 6.5 Leukemias II	LaPlant LaPlant LaPlant LaPlant May

Exam Schedule: Midterm Exam 07 /10 to 07/12/2015

Final Exam 7/31 to 08/02/2015

Week	Reading Assignment	Learning Responsibility
1 06/21-06/27- (5 hours)*	MTM HIV article 2009 Evaluation of HIV/AIDS Medication Therapy Management MTM HIV article 2011 Antiretroviral Therapy Adherence. Medication Use and Health care Costs pdf	View all lectures for week 1 Complete assigned readings Discussion board posting
2 06/28-07/4 (6 hours)*	Anemia Chapter 109.Dipiro Sickle Cell Disease pdfs in week 2 folder	View all lectures for week 2 Complete assigned readings BigBlueButton session 1.5 hours Patient satisfaction survey Part 1 QUIZ 1
3 07/5-07/11 (9 hours)*	DHHS Panel guidelines for HIV; http://aidsinfo.nih.gov ; See specific pages listed for each lecture MTM - HIV Chapter	View all lectures for week 3 Complete assigned readings BigBlueButton session 1.5 hours Discussion board posting MIDTERM
4 07/12-07/18 (8 hours)*	Entrepreneurship: The Engine that Drives Innovation (recommended) Peter F. Drucker's Innovation and Entrepreneurship book (recommended) Goleman- What Makes a Leader?pdf Leadership Alchemy pdf Leadership Crisis report pdf	View all lectures for week 4 Complete assigned readings BigBlueButton session 1.5 hours Discussion Board posting - Patient satisfaction survey Part 2 Comprehensive med review
5 07/19-07/25 (8 hours)*	Dipiro Ch Cancer Treatment & Chemotherapy Dipiro Ch Nausea and Vomiting ASCO guidelines on antiemetics Guidelines on Antiemesis www.nccn.org MASCC/ESMO antiemetic guidelines	View all lectures for week 5 Complete assigned readings BigBlueButton session 1.5 hours *Business plans for adobe* SOAPE notes QUIZ 2
6 07/26-08/02 (10 hours)*	Dipiro Ch Breast Cancer Dipiro Ch Prostate cancer Dipiro Ch Lymphoma Chapter Dipiro Ch Acute Leukemias Dipiro Ch Chronic Leukemias www.nccn.org	View all lectures for week 6 Complete assigned readings BigBlueButton session 1.5 hours FINAL EXAM (2.5 hours)

*only students required to do so will be presenting their business plans based on their semester.

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D-	60.0-63.2	E	<60

Class Attendance Policy

Attendance at the weekly adobe connect sessions is mandatory and participation in the group discussion is required. Because there is 3 opportunities to attend the BigBlueButton sessions, students who know that they will miss an BigBlueButton session should contact the facilitator as soon as possible and arrange to attend another BigBlueButton session. Upon approval of the facilitator only, students may make up a missed session by completing a brief written assignment for a maximum of 2 out of the 5 or 6 sessions. Failure to get approval for the missed session prior to the session will result in a mark of zero for the BigBlueButton session. Written documentation of the session content must be submitted to the facilitator **no later than 1 week past the missed session.**

Quiz/Exam Policy

Online Examinations

The quizzes, midterm, and final examination will be administered online. [Online examinations may consist of multiple choice, short answer and/or case-based questions. Thus, online examinations](#) necessitate skills in typing and using a computer. **If you do not have strong keyboard skills, please do not delay in contacting the course coordinator. With early intervention you can be directed to Staff members who are equipped to review your needs.** Please note that it takes time to build these skills and this is not something that can be done at the last minute. To maintain the highest standards of academic integrity, high stakes online examinations may require the use of a proctoring system. More information on the proctoring system may be found at: <http://www.proctoru.com/>

Missing Exams and Make-Up Exam Policy

Scheduled exams should only be missed for **REAL EMERGENCIES**. A student who misses an exam should notify the course coordinator via email within 24 hours. Students with an excused absence may be allowed to take a make-up exam. Make-up exams should be arranged with the course coordinator and administered within two weeks of the original exam date.

Posting of Exam Grades

Exam grades will be posted within one week of the exam. Notice will be provided to the students if there will be a delay in posting of exam grades.

Exam Rebuttals

Students have one week after posting of the exam grades to challenge any exam question. No appeals will be accepted after one week. Written appeals must include the following: **the question number and an evidence-based rationale for why the student feels their response is accurate.** The exam will be regraded, in full, by a third party. Note: the score of a fully regraded exam may increase, decrease, or stay the same. The regraded score will be considered final.

Policy on Old Quizzes and Assignments

Students will not be provided with old quizzes, exams, or assignments.

Assignment Deadlines

Late Assignments

Please submit online assignments early to avert last minute issues with technology. Late submission of assignments will result in a 50% point deduction without adequate explanation and may result in a zero grade, depending on the assignment. Students who experience technical difficulty when submitting assignments electronically must notify the course coordinator as soon as possible.

General College of Pharmacy Course Policies

The College of Pharmacy has a website that lists course policies that are common to all courses. This website covers the following:

University Grading Policies

1. Academic Integrity Policy
2. How to request learning accommodations
3. Faculty and course evaluations
4. Student expectations in class
5. Discussion board policy
6. Email communications
7. Religious holidays
8. Counseling & student health
9. How to access services for student success

Please see the following URL for this information:

<http://www.cop.ufl.edu/wp-content/uploads/dept/studaff/policies/General%20COP%20Course%20Policies.pdf>

Complaints

Should you have any complaints with your experience in this course please contact your course coordinator. If unresolved, contact the COP Senior Associate Dean-Professional Affairs. For unresolved issues, see: <http://www.distancelearning.ufl.edu/student-complaints> to submit a complaint.



University of Florida College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This course is accredited for 10 hours (1.0 CEUs). ACPE Accreditation number is posted on the course website. To receive credit for this course, you must receive a passing grade and complete the evaluation form.

Other Course Information

Appendix A: Directions for Contacting Faculty & Course Faculty List

Appendix B. Schedule of Course Activities/Topics

Appendix C. Assignments and Learning Responsibilities

Appendix A: Directions for Contacting Faculty & Course Faculty List

Directions for Contacting Course Faculty

All questions pertaining to course logistics should be posted on the course logistics discussion board. Questions for individual lecturers should be posted on the discussion under the relevant topic, so that classmates may benefit from the discussion. Please do not email the lecturers directly unless directed to do so by the course coordinator, or if the question is of a personal nature, i.e., not related to clarification of course content.

Course Coordinator

Karen Riley BScPhm, Pharm D, BCPS, CGP, BCACP, CDE- kdriley@ufl.edu

Dr. Riley completed her BScPhm from the University of Toronto and Pharm D from the University of Florida. She currently has her own professional pharmacy corporation and develops and provides Medication Therapy Management services for a number of pharmacies in Ontario, Canada. Karen has been involved in the Working Professional Pharm D Program as an Adjunct Clinical Assistance Professor since 2004 in various roles as a facilitator in Detroit and Tampa, Foundations Facilitator and expert presenter in the Renal and Psychiatric courses. Dr. Riley is a Board Certified Pharmacotherapy Specialist, a Certified Geriatric Pharmacist, a Board Certified Ambulatory Care Pharmacist and a Certified Diabetes Educator. She is currently an education coordinator for the Ontario College of Pharmacists, a member of the Practice Committee for the Ontario Pharmacist Association and a member of the Pharmacy Council supporting health care decisions to the Ontario Government. She was also the winner of the Magnum Opus Award in 2014. She has published in the areas of nephrology, osteoporosis, Medication Therapy Management and has done many presentations for pharmacists, nurses, physicians and the public during her career.

Instructors

Paul Doering, M.S - doering@cop.ufl.edu

Prof. Doering is a Distinguished Service Professor, Emeritus in the Department of Pharmacotherapy and Translational Research at the University of Florida's College of Pharmacy. For 28 years he was the Director or Co-Director of the statewide Drug Information and Pharmacy Resource Center at the Health Sciences Center, University of Florida. Over the years, Professor Doering has received numerous honors and awards. He was awarded Teacher of the Year five separate times and in 2007 he was named a member of the University of Florida's Academy of Distinguished Teaching Scholars. Paul is now enjoying his "retirement" years and is continuing his work with students and pharmacists through lectures, seminars, and other such things.

Emily Huesgen Emily Huesgen, PharmD, BCACP, AAHIVP ehuesgen@cop.ufl.edu

Emily Huesgen is a Clinical Assistant Professor at the University of Florida, Department of Pharmacotherapy and Translational Research, College of Pharmacy. She works as an HIV clinical pharmacist and provides services to HIV patients in north-central Florida. Dr. Huesgen completed a 2-year pharmacy specialty residency in HIV/ID at the University of Illinois at Chicago. She is credentialed in HIV medicine and has served on an expert panel of pharmacists for the American Academy of HIV Medicine (AAHIVM).

Jamie Kisgen Pharm.D., BCPS-AQ ID Jamie-Kisgen@smh.com

Dr. Kisgen graduated with his Pharm.D. from the University of Florida College Of Pharmacy. He completed a PGY1 Pharmacy Practice Residency at Tampa General Hospital and a PGY2 Infectious Diseases Specialty residency at Boston Medical Center. He currently serves as the Pharmacotherapy Specialist in Infectious Diseases at Sarasota Memorial Hospital in Sarasota, Florida. His responsibilities

include directing the Antibiotic Stewardship Program, providing staff education, research, and precepting pharmacy students and residents. Dr. Kisgen has been a clinical assistant professor with the University of Florida College of Pharmacy since 2009, serving as an APPE preceptor, classroom facilitator at the St. Petersburg Campus, and a frequent lecturer in the Pharmacotherapy course sequence. He is also a Board Certified Pharmacotherapy Specialist with Added Qualifications in Infectious Diseases.

Kourtney LaPlant Pharm D, BCOP Kourtney.LaPlant@va.gov;

Dr. LaPlant is currently Clinical Pharmacy Specialist in Oncology for the North Florida/South Georgia VA Medical Center in Gainesville, FL. She also holds an appointment with the University of Florida College of Pharmacy as a preceptor for oncology APPE rotations, mentor for pharmacy students and as a lecturer. Dr. LaPlant received her Pharm.D. degree from the University of Florida in 2006. She then completed a residency in Geriatrics at the North Florida/South Georgia VA Medical Center. Dr. LaPlant received her board certification in oncology pharmacy in 2012. Her professional practice experiences include providing oncologic care for the Hematology/Oncology section of the North Florida/South Georgia VA medical center. She works in the both the inpatient and outpatient setting reviewing chemotherapy orders, verifying chemotherapy medications and counseling patients. Dr. LaPlant is part of the interdisciplinary hematology/oncology team and rounds with fellows and attendings.

Dr. LaPlant has worked on National VA projects including the development of an electronic chemotherapy ordering software and was a group leader for national pharmacist boot camp education in the area of oncology. Locally, she also serves on the Cancer and Transfusion Committee for the North Florida/South Georgia VA Medical Center.

Paige May, Pharm.D., BCOP Paige.louzon@gmail.com; paige.louzon@va.gov

Dr. Paige (Louzon) May graduated with a Doctor of Pharmacy degree from the University of Florida in 2007. She went on to complete a PGY-1 Pharmacy Practice Residency with Orlando Health in Orlando, FL. Having always had a strong interest in oncology, Dr. May then moved on to her current position as an Oncology Pharmacy Specialist at the Malcolm Randall VA Medical Center in Gainesville, FL. There she works with an interdisciplinary team with both the outpatient chemotherapy clinic and inpatient oncology service. Dr. May also lectures for the UF College of Pharmacy and serves as an oncology preceptor for residents and 4th year students. She is currently serving as a Director Elect for FSHP and has served as chair of the FSHP Educational Affairs Council and President of North Central FSHP.

Tara (McCabe) Higgins Pharm D- MCCABT@shands.ufl.edu

Dr. McCabe obtained her PharmD degree from the University of Rhode Island. She completed her PGY1 pharmacy residency at Massachusetts General Hospital and her PGY2 pediatric pharmacy residency at the University of Kentucky. She is currently a Pediatric Hematology/Oncology Clinical Pharmacy Specialist at UF Health Shands Children's Hospital

Karen Riley BScPhm, Pharm D, BCPS, CGP, BCACP, CDE- kdriley@ufl.edu - see above

Michael J. Schuh, BS, PharmD, MBA- schwarx1@comcast.net

Dr. Schuh has more than 25 years of experience managing pharmacies and small businesses. Dr. Schuh received a Bachelor of Science in pharmacy from the University of Florida in 1982. He obtained a Master's of Business Administration from the University of Phoenix in 2001 and a Doctor of Pharmacy from Nova Southeastern University in 2006. Dr. Schuh holds a Florida Pharmacist Consultant License and a Florida Pharmacist license. He is the former Outpatient Pharmacy Operations Manager of Mayo Clinic Jacksonville and has managed various other chain and independent pharmacies in the state of Florida in

his career. Dr. Schuh is a clinical, ambulatory pharmacist and an Assistant Professor of Pharmacy, Family and Palliative Medicine at Mayo Clinic Florida. Currently, he serves as the primary clinical provider and coordinator of Mayo Clinic Florida's MTM pharmacy practice serving lung, kidney and liver transplant, bariatric, pain rehabilitation, and pharmacotherapy patients. Dr. Schuh is currently a Mayo Clinic Bronze Level Quality Fellow. He is an active member of the Northeast Florida Society of Health System Pharmacists, Florida Society of Health System Pharmacists, American Pharmacists Association, and Florida Pharmacy Association. On a national level he is past Chair of APhA's Academy of Pharmacy Practice and Management Administrative Section and an APhA Congressional Key Contact. He has served as an active member of APhA's MTM Task Force and is co-founder and co-coordinator of the new APhA Medication Management Special Interest Group. Dr. Schuh is also a Clinical Assistant Professor of Pharmacy Practice at the University of Florida, and holds clinical appointments at other leading universities. Outside of pharmacy, he served as a National Quality Forum Advisory Panel Member and he is an Adjunct Professor of Nutrition Health and Wellness, Business Management and Nursing Pharmacology at DeVry University. His interests are Medication Therapy Management, Entrepreneurship, Ambulatory Care, Pharmacy Administration and Management, Pharmacy Business Models and Structure, Pharmacoeconomics, Pharmacy/Business Interfacing, and participating in local, state and national pharmacy organizations.

Teri West-Pharm D teri.west@yahoo.com

Dr. West is an Assistant Professor of Pharmacy Practice at the LECOM School of Pharmacy in Bradenton, Florida. Her current practice site is in Assisted Living Communities providing medication therapy management services and education to seniors in collaboration with Vanguard Advanced Pharmacy Systems. She is a board certified pharmacotherapy specialist. Her teaching experiences include pharmacotherapy topics relevant to chronic diseases and older adults.

Karen Whalen, Pharm.D., BCPS, CDE - whalen@cop.ufl.edu

Dr. Whalen is Assistant Dean for Clinical Education and a Clinical Professor in the Department of Pharmacotherapy and Translational Research at the University of Florida College of Pharmacy. She received her Doctor of Pharmacy degree with highest honors from the University of Florida. She completed a Pharmacy Practice Residency at the Moses Cone Health System followed by a Primary Care Residency at the James A. Haley Veterans' Hospital. Following residency training, Dr. Whalen was a faculty member in the Department of Pharmacy Practice at Nova Southeastern University (NSU) for 12 years. While at NSU College of Pharmacy, she was an eight-time recipient of the Golden Apple Award for Teaching Excellence. In 2008, Dr. Whalen joined the faculty of the University of Florida College of Pharmacy as assistant director of the St. Petersburg Campus. In 2010, she transitioned to the main campus in Gainesville. She now serves as Director of the Master of Science in Pharmacy with concentration in Medication Therapy Management degree program. Her excellence in teaching was recognized with the Faculty Recognition Award in 2011 and 2012, and the Teacher of the Year Award in 2013. Dr. Whalen is a Board Certified Pharmacotherapy Specialist and a Certified Diabetes Educator. She has practiced ambulatory care pharmacy in a variety of settings including an academic family medicine center, community pharmacy practice, and a Veterans' Affairs Healthcare System. Dr. Whalen is active in local, state and national pharmacy organizations, and is a past president of the Florida Pharmacy Association. She is a past recipient of the National Community Pharmacists Association Pharmacy Leadership Award, and the Florida Pharmacy Association Jean Lamberti Mentorship Award.

Debbie Wilson PhD - debbie.wilson@ufl.edu

Dr. Wilson, PhD has educational backgrounds in Linguistics (MA 1999) and Pharmacy Health Care Administration (PhD 2004). Dr. Wilson's Veterans Administration (VA) Health Services Research and

Development (HSR&D) Post Doctoral Fellowship (2005-2008) training program at the VA Rehabilitation Outcomes Research Center of Excellence was focused on developing knowledge in shared decision-making among providers and patients. She is an Affiliate Clinical Assistant Professor in the University of Florida (UF) Department of Pharmaceutical Outcomes and Policy and Co-Coordinator of the UF College of Pharmacy course Professional Communications in Pharmacy Practice. Dr. Wilson has worked in community and nuclear pharmacy settings as a Pharmacy Technician. Dr. Wilson 's research interests have focused on pharmacy professional roles (skills mix), professional expertise, shared decision-making and patient empowerment. She is well versed in qualitative and quantitative research methodology in pharmacy health care administration, with emphasis on instrument development and validation. She has participated in eight funded studies (1 PI & 2 co-PI).

Appendix B. Schedule of Course Activities/Topics/Reading Assignments

Week	Module	Lecture Topic	Lecturer
1 06/21-06/27	Introduction to Hematologic Disorders	1.1 Course Intro/Overview 1.2 Meet the Experts 1.3 Practice Perspectives	Riley Whalen Shafiq
2 06/28-07/4	Anemias	2.1 Anemias – Part I 2.2 Anemias – Part II 2.3 Anemia MTM cases 2.4 Sickle Cell	West West West Higgins
3 07/5-07/11	HIV	3.1 Overview of HIV I 3.2 Overview of HIV II 3.3 Overview of HIV 111 3.4 HIV Opportunistic Infections	Huesgen Huesgen Huesgen Kisgen
4 07/12-07/18	Potpourri	4.1 Allergic Drug Reactions 4.2 Business Thread – Entrepreneurialism 4.3 Leadership I 4.4 Leadership II	Doering Schuh Riley Riley
5 07/19-07/25	Introduction to Oncology Supportive Care	5.1 Communication Thread: Communicating with Terminally ill 5.2 Principles of Oncology I 5.3 Principles of Oncology II 5.4 Supportive Care – Part I 5.5 Supportive Care – Part II	Wilson LaPlant LaPlant May May
6 07/26-08/02	Common Cancers Lymphoma/Leukemia	6.1 Breast Cancer – Part I 6.2 Prostate Cancer 6.3 Lymphoma 6.4 Leukemias I 6.5 Leukemias II	LaPlant LaPlant LaPlant LaPlant May

Exam Schedule: Midterm Exam 07 /10 to 07/12/2015

Final Exam 7/31 to 08/02/2015

Week	Reading Assignment	Learning Responsibility
1 06/21-06/27- (5 hours)*	MTM HIV article 2009 Evaluation of HIV/AIDS Medication Therapy Management MTM HIV article 2011 Antiretroviral Therapy Adherence. Medication Use and Health care Costs pdf	View all lectures for week 1 Complete assigned readings Discussion board posting
2 06/28-07/4 (6 hours)*	Anemia Chapter 109.Dipiro Sickle Cell Disease pdfs in week 2 folder	View all lectures for week 2 Complete assigned readings BigBlueButton session 1.5 hours Patient satisfaction survey Part 1 QUIZ 1
3 07/5-07/11 (9 hours)*	DHHS Panel guidelines for HIV; http://aidsinfo.nih.gov ; See specific pages listed for each lecture MTM - HIV Chapter	View all lectures for week 3 Complete assigned readings BigBlueButton session 1.5 hours Discussion board posting MIDTERM
4 07/12-07/18 (8 hours)*	Entrepreneurship: The Engine that Drives Innovation (recommended) Peter F. Drucker's Innovation and Entrepreneurship book (recommended) Goleman- What Makes a Leader?pdf Leadership Alchemy pdf Leadership Crisis report pdf	View all lectures for week 4 Complete assigned readings BigBlueButton session 1.5 hours Discussion Board posting - Patient satisfaction survey Part 2 Comprehensive med review
5 07/19-07/25 (8 hours)*	Dipiro Ch Cancer Treatment & Chemotherapy Dipiro Ch Nausea and Vomiting ASCO guidelines on antiemetics Guidelines on Antiemesis www.nccn.org MASCC/ESMO antiemetic guidelines	View all lectures for week 5 Complete assigned readings BigBlueButton session 1.5 hours *Business plans for adobe* SOAPE notes QUIZ 2
6 07/26-08/02 (10 hours)*	Dipiro Ch Breast Cancer Dipiro Ch Prostate cancer Dipiro Ch Lymphoma Chapter Dipiro Ch Acute Leukemias Dipiro Ch Chronic Leukemias www.nccn.org	View all lectures for week 6 Complete assigned readings BigBlueButton session 1.5 hours FINAL EXAM (2.5 hours)

*only students required to do so will be presenting their business plans based on their semester.