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## **PHA 6637 - Medication Therapy Management: A Psychiatric Focus Fall 2013 - 3 Semester Credit Hours**

### **Course Purpose:**

The course is intended to familiarize students with the provision of MTM in patients with **psychiatric** disorders that range from common to complex. The student will gain hands-on practice in the core elements of MTM for patients with **psychiatric** 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  
Adjunct Clinical Assistant Professor  
University of Florida, College of Pharmacy  
Email: kdriley@ufl.edu  
Phone: 519-332-6615 (home)

#### ***Office Hours***

Preferred contact method: email

#### ***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.

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## Course Objectives

Upon successful completion of this course, the student will be able to demonstrate the ability to perform the following with respect to **psychiatric** 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).
7. Identify drug-related problems and recommend rational solutions based on a mastery of pharmacotherapy.
8. Create a personalized medication record for an individual patient receiving MTM services.
9. Design a medication-related action plan, taking into account patient abilities and preferences.
10. Educate patients regarding techniques to improve adherence, decrease the risk of adverse drug reactions, and maximize appropriate and safe medication use.
11. Communicate interventions effectively to physicians and other healthcare colleagues.
12. Document MTM services in a manner sufficient for following patient progress, monitoring patient outcomes, and completing billing statements.
13. Utilize sound business principles in the provision of MTM services

## Pre-Requisite Knowledge and Skills

The student must have successfully completed Foundations of MTM I and II.

## 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.

### Course Outline/Activities

Refer to **Appendix B and C**. The course schedule will also be posted separately on Sakai.

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## Textbooks

There is no required text for this course. The suggested reference text is Dipiro JT, Talbert RL, Yee GC, et al, eds. *Pharmacotherapy: A Pathophysiological Approach*, 8th ed. (ISBN 978-0-07-170354-3) – available via Access Pharmacy in the HSC database. Faculty may also utilize the DSM text which is available through PsychologyOnline within E-books in the HSC database.

Instructors may require additional readings such as clinical guidelines, review articles, book chapters, or websites. They may also provide additional resources to supplement the lecture material. Required or recommended readings will be listed under assignments and responsibilities on the course schedule. The readings will be available under the resources tab on the course website.

## Active Learning Requirements

- Discussion board posting (3)
- Weekly live online learning sessions (6)
- Case studies - comprehensive medication review (1)
- Journal evaluation (1)
- Patient education assignment (1)

## Feedback to Students

Students will be provided written feedback on all assignments via the eLearning system. In general, written feedback can be expected within one week of assignment submission. In addition, students may schedule an appointment with the instructor if they wish to obtain more detailed verbal feedback. Feedback on exams and quizzes will be available via the eLearning system after 12 noon on the day following the exam or quiz.

## Student Evaluation & Grading

### *Course Evaluation Methods*

Written Assignments 25%

- Journal evaluation 10%
- Patient education assignment 5%
- Comprehensive Medication Review - 10%

Quizzes 10%

- Week 2 - 5%
- Week 5 - 5%

Class participation 15%

- Discussion board - 3% (1% each)
- Adobe Connect sessions - 12% (2% each)

Exams 50%

- Midterm exam - 25%
- Final exam - 25%

### Grading Scale

Additional information on minus grades is available on the University of Florida website:  
<http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>.

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A	93-100	A-	90.0-92.9
B+	86.6-89.9	B	83.3-86.5
B-	80.0-83.2	C+	76.6-79.9
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. Students who miss an Adobe Connect session should contact the facilitator as soon as possible. Upon approval of the facilitator, students may make up a missed session by completing a brief written assignment. **Failure to get approval for the missed session prior to the session will result in a mark of zero for the adobe 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.

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## 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 point deduction 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**

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## **Appendix A: Directions for Contacting Faculty & Course Faculty List**

### **Directions for Contacting Course Faculty**

All questions on lecture material and course communication will occur through the discussion board on the course website. Discussion boards will be organized by lecture topic and questions should be posted in the appropriate location. The discussion board will be reviewed and questions answered within 3 business days after the posting. If you do not receive a response within 3 business days after posting, please email the course coordinator who will then contact lecture faculty directly. Please see "Course Communication" Section for additional information about communicating with faculty.

### **Course Coordinator**

**Karen Riley BScPhm, Pharm D, BCPS, CGP, BCACP, CDE**

**kdriley@ufl.edu**

Karen Riley completed her BScPhm from the University of Toronto and Pharm D from the University of Florida. She is currently the program developer and Medication Therapy Management Pharmacist for an independent group of pharmacies in Sarnia, 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 became a Board Certified Pharmacotherapy Specialist in 2006, a Certified Geriatric Pharmacist in 2011, a Board Certified Ambulatory Care Pharmacist in 2012 and a Certified Diabetes Educator in 2013. She is a member of the Ontario Pharmacist Association Professional Practice Committee and the Continuing Education coordinator for the Ontario College of Pharmacists. Her experience in psychiatry relates to being part of the teaching team for the NAMI family to family course and provider course. She currently sits on the Board of Directors for the Consumers Survivors Association of Lambton which is a combined organization for patients with mental health issues and their families. 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**

**Alberto Augsten, PharmD, BCPP, CPh**

**augsten@nova.edu**

Alberto Augsten is currently a Clinical Psychiatric Pharmacy Specialist practicing at Memorial Regional Hospital in Hollywood, FL. In addition, he is an Adjunct Professor of Pharmacology for the Fischler School of Education and Human Services at NOVA Southeastern University. He received his Doctor of Pharmacy from Nova Southeastern University and completed a postdoctoral residency in Psychopharmacology from Touro University in Vallejo, CA. He is also a Consultant Pharmacist and actively participates in MTM services under Pharmaceutical Consultation, LLC. Dr. Augsten is in the process of completing his Master of Science in Pharmacy with a concentration in Forensic Drug Chemistry. He has reviewed and published in *Annals of Pharmacotherapy* and *Journal of Computational Chemistry*. Additionally, he was a contributor for the Capstone Pharmacy Review published in March of 2013 for Anxiety, Bipolar and Schizophrenia Disorders. Presently, his research interests include adult schizophrenia, adult/adolescent

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bipolar disorder, treatment of refractory depression and effects of drug and alcohol abuse on neuroplasticity.

**Ben Chavez, PharmD, BCPP**

[benjamin.chavez@hawaii.edu](mailto:benjamin.chavez@hawaii.edu)

Benjamin Chavez is an Assistant Professor in the Pharmacy Practice department. Before coming to the University of Hawaii at Hilo, Dr. Chavez was an Assistant Professor at Rutgers, The State University of New Jersey, Ernest Mario School of Pharmacy for 5 years. He is a board certified psychiatric pharmacist, and has practiced in both inpatient and outpatient psychiatric settings. His specialties include the treatment of schizophrenia, and child and adolescent psychiatry, including the pervasive developmental disorders. He now practices in the family medicine setting helping to manage patients with multiple conditions, including diabetes, hypertension, hyperlipidemia, and mental health. He is a licensed pharmacist in the state of Hawaii.

**Paul Doering, M.S.**

[doering@cop.ufl.edu](mailto:doering@cop.ufl.edu)

Paul Doering, M.S. 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.

**Megan Ehret, PharmD, BCPP**

[megan.ehret@uconn.edu](mailto:megan.ehret@uconn.edu)

Megan Ehret completed her Bachelors and Pharm.D at the University of Toledo and then completed an ASHP accredited residency in Psychiatry Pharmacy Practice at the Louis Stokes Cleveland Veterans Affairs Medical Center. Additionally, she went on to complete a Clinical Psychopharmacology and Pharmacogenomics Fellowship at Nova Southeastern University in Fort Lauderdale, Florida. She recently completed a Masters in Clinical and Translational Research at the University of Connecticut Health Center. Upon her appointment at the University of Connecticut in 2006, she has focused her research efforts on the current practices for the treatment of patients with bipolar disorder and medication adherence. This work is focused at the Institute of Living/Hartford Hospital in Hartford, CT and in the correctional facilities throughout the state of Connecticut.

**Clayton English, PharmD, BCPP**

[Clayton.english@acphs.edu](mailto:Clayton.english@acphs.edu)

Clayton English is currently an Assistant Professor of Pharmacy Practice at Albany College of Pharmacy & Health Sciences and a board certified psychiatric pharmacist at Fletcher Allen Health Care (FAHC) in Burlington, Vermont. Dr. English's work at FAHC involves providing clinical pharmacy services for patients on FAHC's two adult inpatient psychiatric units. Clinical services provided include, but are not limited to: psychopharmacology consultations, medication counseling, medication management and reconciliation, and therapeutic drug monitoring. In addition to providing clinical pharmacy services at

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FAHC, Dr. English is an Adjunct Assistant Professor in the Department of Psychiatry at the University of Vermont Medical School. He currently serves as a preceptor for psychiatry residents on their inpatient psychiatry rotation. He also serves as a preceptor for an elective rotation in psychopharmacology and as a preceptor in the outpatient psychopharmacology clinic. In conjunction with his clinical pharmacy services and teaching he provides at the hospital, Dr. English coordinates and teaches a variety of courses and lectures in the area of psychiatric therapeutics and substance abuse at Albany College of Pharmacy & Health Sciences. He is also a primary preceptor for 4th year pharmacy students on clerkship in inpatient psychiatry.

**Patrick Finley, PharmD, BCPP**

[finleyp@pharmacy.uscf.edu](mailto:finleyp@pharmacy.uscf.edu)

Patrick Finley is a Professor of Clinical Pharmacy (in psychopharmacology and behavioral health) at the University of California at San Francisco within the Department of Clinical Pharmacy. At UCSF, Dr. Finley's teaching, clinical, and research interests continue to focus upon the safe and efficacious use of psychotropic medications in a wide range of health care settings. Dr. Finley's research interests in psychopharmacology span clinical, epidemiological, pharmacokinetic and health policy domains. Dr. Finley's recent contributions to the medical literature include publications in *Biological Psychiatry*, *Journal of Clinical Psychopharmacology*, *Journal of Nervous and Mental Disease*, *Archives of Internal Medicine*, *Psychosomatics*, *Psychopharmacology Bulletin*, *Drug Safety, Formulary, Clinical Therapeutics*, *Journal of Managed Care Pharmacy*, *Clinical Pharmacokinetics*, *Pharmacotherapy*, *Annals of Pharmacotherapy*, and the *American Journal of Health-System Pharmacy*. He has written chapters in 12 different medical textbooks and currently serves as a referee and/or editorial board member for approximately 30 medical journals. Dr. Finley has spent much of the past decade developing collaborative care treatment models for depression which emphasize the role of clinical pharmacists as providers. His current practice is located in the UCSF Womens Health Center Primary Care Clinic. In addition, he has been involved with several epidemiological studies analyzing the safety of antidepressants in children and adolescents, and recently embarked on a prospective investigation of risk factors associated with the development of postpartum depression. He is currently serving on the Parental Depression Committee of the National Academies.

**Dwight D. Hart, PsyD**

[dwightdhart@live.com](mailto:dwrightdhart@live.com)

Dwight Hart is currently a staff psychologist at Naval Branch Health Clinic Mayport, Naval Hospital Jacksonville, FL. He obtained his PsyD at Nova University (now Nova Southeastern University) in Ft. Lauderdale, FL in 1993. He completed an APA approved clinical psychology internship and follow-on psychology residency training at Naval Medical Center, Portsmouth, VA and became a licensed clinical psychologist in August 1994. He is licensed in Arizona (currently inactive license), Virginia and Florida. Until 2010, he was on active duty in the US Navy, and served at various hospitals and clinics, aboard three aircraft carriers and deployed to Iraq twice. He retired from the Navy in 2010 and has been at his current position since July 2011. Presently, he provides outpatient treatment services to active duty service members suffering from a broad range of mental health disorders including mood disorders, anxiety disorders (including posttraumatic stress disorder), substance use disorders and psychotic disorders.

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**Samim Hasham BSc Pharm (Hons), IMHL (2013), PharmD (2014)****morrish2000@yahoo.com**

Samim Hasham obtained her Bachelor of Science (Hons) in Pharmacy from Robert Gordons University, Scotland in 1985. She is currently pursuing an International Masters in Health Leadership from McGill University and her Doctorate in Pharmacy from University of Colorado.

She has experience in hospital pharmacy working in the ICU, Nephrology, and Transplant units. She has been involved in community pharmacy for over 15 years and is the owner of Morrish Pharmacy in Scarborough, Ontario.

Samim has completed the Training Enhancement in Applied Cessation Counselling and Health (TEACH), CPhA QUIT and OPA Smoking Cessation programs and runs a number of smoking cessation clinics utilizing the Ontario Telemedicine Network (OTN). She was instrumental in starting a 6-month project called ACT Now, a weight loss, healthy living and fitness challenge program for the Canadian Mental Health Association (CMHA). Samim is the satellite pharmacist for the Scarborough Hospital ACT Team. She is also involved in the Primary Health Care and Chronic Disease Management Initiative with community agencies.

Samim is the recipient of the 2012 Spirit of Belonging Award from CMHA Toronto. She was recently appointed as writer for the Guatemalan Magazine *Contrapoder*, through the Centre for Global Health, Colorado School of Public Health. Samim was recently invited to speak at the Ontario Pharmacists Association Conference (Toronto 2013) and the Commonwealth Pharmacists Association Conference (Bahamas 2013).

**Dr. Gil Lichtshein, MD, PA, FAPA****childpsychmd@att.net**

Gil Lichtshein is board certified in General Psychiatry and Child and Adolescent Psychiatry and is a Fellow of the American Psychiatric Association. Dr Lichtshein specializes in Child and adolescent psychiatry (board certified) as well as managing medications for patients with a variety of disorders including mood disorders, bipolar disorder, depression, anxiety disorders, obsessive compulsive disorder (OCD), panic attacks, Pervasive Developmental Disorders and attention deficit disorder (ADD/ADHD).

He received his medical education at the University of Illinois at Chicago College of Medicine, completed his internship at the Medical College of Virginia and completed his Psychiatric residency and Child and Adolescent Psychiatry fellowship at the University of Maryland. Dr. Lichtshein worked at Bronx Lebanon Hospital in Bronx, NY, Four Winds Hospital and in private practice in Katonah, NY before relocating to Boca Raton, Florida and joining the Boca Raton Psychiatric Group from 2003 through 2008. While practicing in New York, Dr. Lichtshein held an academic appointment of Assistant Professor of Psychiatry and Behavioral Sciences at Albert Einstein College of Medicine in Bronx, NY. Currently, Dr. Lichtshein holds academic appointments at the University of Florida College of Medicine, the University of Miami Miller School of Medicine, and the Florida Atlantic University Charles E. Schmidt College of Medicine. Dr. Lichtshein has extensive experience in inpatient, outpatient and partial hospitalization treatment for mood disorders, ADHD, psychopharmacology, and works with adults and specializes in the care of children and adolescents and their families. Dr. Lichtshein also performs forensic evaluations in the area of custody, competency, disability, worker's compensation, and fitness for duty and is competent in family mediation. Finally, Dr. Lichtshein volunteers his time by having served as a member of the Florida Bar Grievance committee for the 15th Judicial Circuit. Dr. Lichtshein currently has a private practice located in Boca Raton, Florida.

**Jodie Malhotra, PharmD**[Jodie.malhotra@dhha.org](mailto:Jodie.malhotra@dhha.org)

Jodie Malhotra is a Behavioral Health Clinical Pharmacy Specialist at the Denver Health Medical Center in Denver, Colorado. Dr. Malhotra received a Deerpath Academic Scholarship from Lake Forest College where she graduated with her Bachelor of Arts degree in Chemistry in May 2000. She then continued on to receive her Doctor of Pharmacy degree from Massachusetts College of Pharmacy in May 2004. She spent her first postgraduate year completing an ASHP accredited Pharmacy Practice Residency with an emphasis in Primary Care at the Cincinnati Veterans Affairs Medical Center. Subsequently, Dr. Malhotra completed a Psychiatric Pharmacy Practice Residency at the South Texas Veterans Health Care System. During her residency training she functioned as the Principle Investigator on various research projects involving controversial issues in mental health care. Dr. Malhotra was an Assistant Professor in Pharmacy Practice at the University of the Incarnate Word and an Assistant Professor in Pharmacy Practice and the Experiential Education Director at Regis University School of Pharmacy. Dr. Malhotra serves on numerous local, state and national committees, including 9Healthfair Medical Advisory Committee, President Elect of the Colorado Pharmacist Society, and the Chair of the College of Psychiatry and Neurological Pharmacists' Programming Committee. Jodie is a member of the American Pharmacist Association (APhA), Colorado Pharmacists Society (CPS), National Alliance on Mental Health (NAMI), College of Psychiatric and Neurological Pharmacists (CPNP), and American Society of Health-System Pharmacists (ASHP).

**Jose Rey, PharmD, BCPP**[joserey@nova.edu](mailto:joserey@nova.edu)

Jose Rey is an Associate Professor of Pharmaceutical Sciences at Nova Southeastern University's College of Pharmacy, and core adjunct faculty at NSU's Center for Psychological Studies and College of Allied Health in Fort Lauderdale, Florida. He is the clinical psychopharmacologist for the South Florida State Hospital. He is also the Director of the Psychopharmacology Residency at NSU. Dr. Rey's research interests include psychopharmacology, co-morbid substance abuse with other psychiatric disorders, pain management with antidepressants and anticonvulsants, and clinical and pharmaco-economic outcomes research with antipsychotics and antidepressants. He has presented his research at national and international meetings; has published original articles, abstracts, and reviews in peer-reviewed journals; and has been an invited speaker at local, state, national, and international meetings. He was selected as the Pharmacist of the Year (2000) by the South Florida Society of Health-System Pharmacists. He is a member of the College of Psychiatric and Neurologic Pharmacists, and the American Association of Geriatric Psychiatry. Dr. Rey received his doctor of pharmacy degree from the University of Florida and completed an ASHP-accredited specialty residency in psychiatric pharmacy practice at the Gainesville VAMC and Shands Hospital in Gainesville, Florida.

**Tatiana Yero, PharmD, BCPP**[tyero@lecom.edu](mailto:tyero@lecom.edu)

Tatiana Yero received her Doctor of Pharmacy degree from Nova Southeastern University College of Pharmacy in Fort Lauderdale, Florida. She went on to complete a Psychiatric Pharmacy Practice residency through Nova Southeastern University and South Florida State Hospital in Pembroke Pines, Florida. Dr. Yero is a Clinical Assistant Professor at the LECOM School of Pharmacy Bradenton campus. Her past clinical experiences involved providing pharmacy services to psychiatric units in several different settings, including hospitals, a state psychiatric facility, emergency rooms, and a Veteran's

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Affairs community-based outpatient clinic. Her teaching experience includes topics relevant to neuropsychopharmacology and alternative medicine. She is developing a clinical pharmacy service at Manatee Glens Hospital in Bradenton, FL and precepts students at this location during their Psychiatry rotation. Dr. Yero's primary areas of interest include evaluation of the practice of polypharmacy in the treatment of schizophrenia/schizoaffective disorder and assessment of clinical outcomes in this population. Additional interests include alternative medicine, eating disorders, geriatrics, and mental illness in HIV patients.

**Karen Whalen, Pharm.D., BCPS, CDE**

**whalen@cop.ufl.edu**

Karen Whalen received her Doctor of Pharmacy degree from the University of Florida. She then completed a Pharmacy Practice Residency at the Moses Cone Health System in Greensboro, North Carolina. Subsequently, she completed a Primary Care Residency at the James A. Haley Veterans' Hospital in Tampa, Florida. Dr. Whalen joined the faculty of the University of Florida College of Pharmacy in 2008 as Assistant Director of the St. Petersburg Campus. Currently, she is a Clinical Associate Professor in the Department of Pharmacotherapy and Translational Research and Director of the MS-MTM Program. Prior to joining the faculty at University of Florida, Dr. Whalen was an Associate Professor of Pharmacy Practice at Nova Southeastern University for twelve years. Dr. Whalen is a Board Certified Pharmacotherapy Specialist and a Certified Diabetes Educator. She is an active in local, state, and national pharmacy associations, and is a past president of the Florida Pharmacy

## Appendix B. Schedule of Course Activities/Topics

Week	Module	Lecture Topic	Lecturer
<b>1</b> 8/26-9/1	Introduction to Psych	1.1 Course Intro/Expectations 1.2 Meet the Experts 1.3 Practice Perspectives	Riley Ehret/Rey Hasham
<b>2</b> 9/2-9/8	Communication Skills Psychiatric assessment Mental Health Scales	2.1 Communication thread: Mental health 2.2 Psychiatric Assessment 2.3 Mental Health Scales Part I 2.4 Mental Health Scales Part II	Hart Lichtshein Ehret Ehret
<b>3</b> 9/9-9/15	Anxiety Depression	3.1 Med Mgmt in Anxiety Part I 3.2 Med Mgmt in Anxiety Part II 3.3 Med Mgmt in Depression Part I 3.4 Med Mgmt in Depression Part II 3.5 MTM Cases	Rey Rey Finley Finley Finley
<b>4</b> 9/16-9/22	Psychosis Bipolar Disorder	4.1 Med Mgmt in Psychosis Part I 4.2 Med Mgmt in Psychosis Part II 4.3 Med Mgmt in Bipolar Disorder Part I 4.4 Med Mgmt in Bipolar Disorder Part II	Augsten Augsten Ehret Ehret
<b>5</b> 9/23-9/29	Substance Abuse PTSD	5.1 Med Mgmt in Substance Abuse Part I 5.2 Med Mgmt in Substance Abuse Part II 5.3 Med Mgmt in PTSD	Doering Doering Malhotra
<b>6</b> 9/30-10/6	OCD ADHD Tourette's Autism	6.1 Med Mgmt in OCD 6.2 Med Mgmt in ADHD & Tourette's 6.3 Autism	Malhotra Chavez Chavez
<b>7</b> 10/6-10/11	Eating Disorder Sleep Disorders	7.1 Med Mgmt in Eating Disorders 7.2 Med Mgmt in Sleep Disorders Part I 7.3 Med Mgmt in Sleep Disorders Part II 7.4 MTM Cases	Yero English English English

### Exam Schedule

Midterm Exam: Sept 21, 2013

Final Exam Oct 12 2013

## Assignments and Learning Responsibilities:

Week	Reading Assignment	Learning Responsibility
1 8/26-9/1 (3 hours)*	<ul style="list-style-type: none"> <li>Review course syllabus</li> <li>Finley's MTM article in Pharmacy Today</li> </ul>	View all lectures for week 1 Complete assigned readings Adobe session 1.5 hours <b>DISCUSSION BOARD POST 1</b>
2 9/2-9/8 (5 hrs)	Mental Health Scales <ul style="list-style-type: none"> <li>Moller et al.</li> <li>Picardi et al.</li> <li>Furukawa et al.</li> </ul>	View all lectures for week 2 Complete assigned readings Adobe session 1.5 hours <b>DISCUSSION BOARD POST 2</b> <b>Complete assignments</b> <ul style="list-style-type: none"> <li><b>Journal evaluation: Depression rating scales and STAR*D</b></li> </ul>
3 9/9-9/15 (9 hours)*	<ul style="list-style-type: none"> <li>Dipiro Ch 79 Anxiety</li> <li>Dipiro Ch 80 Depression</li> </ul>	View all lectures for week 3 Complete assigned readings Adobe session 1.5 hours <b>QUIZ</b>
4 9/16-9/22 (8 hours)*	<ul style="list-style-type: none"> <li>Dipiro Ch 76 Schizophrenia</li> <li>Dipiro Ch 78 Bipolar Disorder</li> <li>Saxena et al: Mood stabilizers</li> <li>Lewis et al: Bipolar disorder</li> </ul>	View all lectures for week 4 Complete assigned readings Adobe session 1.5 hours <b>MIDTERM EXAM (2 hours)</b>
5 9/23-9/29 (7 hours)*	<ul style="list-style-type: none"> <li>Dipiro Ch 74 Substance abuse</li> <li>Dipiro Ch 80 PTSD</li> </ul>	View all lectures for week 5 Complete assigned readings Adobe session 1.5 hours <b>DISCUSSION BOARD 3</b> <b>Complete assignments</b> <ul style="list-style-type: none"> <li><b>Patient education presentation</b></li> </ul>
6 9/30-10/6 (8 hours)*	<ul style="list-style-type: none"> <li>Dipiro Ch 80 OCD</li> <li>Chavez et al. ADHD</li> <li>Murray et al. ADHD</li> <li>Pliszka et al. ADHD</li> <li>Rapply et al. ADHD</li> <li>Kenney et al. Tourette's</li> </ul>	View all lectures for week 6 Complete assigned readings Adobe session 1.5 hours <b>QUIZ</b>
7 10/7-10/13 (8 hours)*	<ul style="list-style-type: none"> <li>Dipiro Ch 73 Eating Disorder</li> <li>Yager et al.</li> <li>Dipiro Ch 81 Sleep</li> </ul>	View all lectures for week 7 Complete assigned readings <b>Complete assignments</b> <ul style="list-style-type: none"> <li><b>Comprehensive med review</b></li> </ul> <b>FINAL EXAM (2 hours)</b>

\*Contribution to course credit assignment

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All assignments will be released on Sakai at least two weeks prior to due date. Reading assignments not contained in the required text will be posted in the Resource folder designated for that week of class. **All assignments should be completed on an individual basis unless otherwise specified.**