Phar 6394 Applied PsychPharmacotherapy

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Meeting Time, Place, Credits

January-May, 2018
Weekly 1 hour class sessions
WDH 7-135/KAML 410 on 1/16, and 1/30-5/1/18. 160 LSci on 1/23

1 credit
Course Web Site: https://moodle.umn.edu/

Course Instructional Team

| Amy Pittenger, Pharm.D., M.S., Ph.D. | Jeff Bishop, Pharm.D., M.S., BCPP, FCCP |
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| Danielle Bishop, Pharm.D., BCPP | Martin Bloch, Pharm.D. |
| Touchstone Mental Health/Wilder Foundation | Minneapolis VA PGY-2 Psych Resident |
| dibishop@umn.edu | Martin.Bloch@va.gov |

Weekly visiting Experts (see class schedule)

Overview of the course
This course provides a semester-long application of the PD3 fall semester psychopharmacotherapy content through complex scenarios and exploration of advanced psychiatric pharmacy topics. Student developed case presentations will be worked-up using a standardized format, and shared with visiting expert prior to class session. Class session each week will begin with a discussion of the work-up that is primarily student-led, with a visiting psych/behavioral health clinician providing expert feedback and guidance for the second half of the class session. The course will be structured to make visiting clinician involvement as simple and non-disruptive as possible, including participating from office at work with skype.

Prerequisites

- Pharmacy students need to be PD3 students who have passed the Core PsychoPharmacotherapy with a grade of B or better
- Students must be in good academic standing within the pharmacy program
Computer/Technology Requirements
The University of Minnesota computer requirements are listed here:

- [http://www1.umn.edu/moodle/start/technical.html](http://www1.umn.edu/moodle/start/technical.html)

Course Goals & Objectives

| 1. Apply psychopharmacotherapy and general medicine pharmacotherapy content knowledge to complex challenge case scenarios, producing a comprehensive medication management plan. | Domains: 1.0, 1.1, 1.2, 1.8, 2.0, 2.2, 2.5 |
| 2. Demonstrate ability to utilize effective and thorough literature search skills and evidence-based interpretation and application to address novel patient situations. | Domain: 6.0, 6.1, 6.2, 6.3, 6.4.6 |
| 3. Identify clinical knowledge and skill limitations, including strategies for how and when to seek help or refer to specialists. | Domains: 5.0, 5.1, 5.3, 5.4, 5.5 |

Domains below provided for reference.
**Link to full competency domain document.**

**Competency Domains**

**Domain 1: Patient-Centered Care**
As a provider of care, the pharmacist is ethical, benevolent, empathetic, competent, open-minded, prudent in making judgments, and devoted to serving others. The pharmacist applies knowledge, experience, and skills to protect the welfare of humanity. The pharmacist willingly and respectfully cares for patients to assure optimal therapeutic outcomes.

**Domain 2: Population Health & Vulnerable Communities**
As a promoter of public health, the pharmacist uses his/her expertise to partner with others to improve care for vulnerable communities or at risk populations. The pharmacist recognizes the differences between populations of individuals and seeks to alleviate disparities that exist.

**Domain 3: Health Systems Management**
As a manager of health system resources, the pharmacist examines critical issues, assumptions, and limitations to produce and validate ways to deliver medications safely, effectively, and in a timely manner. The pharmacist demonstrates imagination, inventiveness, and courage by undertaking new endeavors to produce improved quality, productivity, efficiency, effectiveness, and innovation.

**Domain 4: Leadership & Engagement**
In leading, the pharmacist demonstrates integrity and is habitually resolute, focused on excellence, knowledgeable about the “big picture,” strategic, focused, persuasive, open to feedback, decisive, visionary, empowering, and service-oriented.

**Domain 5: Professional & Interprofessional Development**
When collaborating, the pharmacist demonstrates critical thinking, excellent communication and leadership, and is goal-oriented, cooperative, assertive, respectful, enthusiastic, and reliable. The pharmacist consistently and consciously demonstrates high ethical and moral standards by considering how and when to act, acting in a manner that is clearly consistent with those standards and exercising accountability for those actions.

**Domain 6: Knowledge, Scientific Inquiry, and Scholarly Thinking**
In making use of scientific knowledge, the pharmacist explains with thoroughly researched, evidence based accounts of facts and data, and provides interpretations based on analysis of the importance, meaning, and significance. The pharmacist applies knowledge fluently, flexibly, and efficiently in diverse contexts.

* refer to College of Pharmacy Competency Domains for Section descriptions. [Link to full competency domain document.]

Attendance Policy

Attendance in this class is required and includes active participation across the weeks. Excused absences include illness, verified by a note from a health care professional; a family emergency verified by the professional in attendance; or a University-sponsored event, verified by a note from the leader of the sponsoring organization. Any student with a reason to be excused from class must contact the Course Director before the class session by phone or email.

Course Materials

This course is an application of past courses in the curriculum, so it is expected that any course material previously completed will be utilized during this course, including the evidence-based medicine and literature review skills gained up to this point in the program.

Assessments and Grading

Graded Assessments

The following graded assessments will count toward your final grade for this course in the following amounts:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>2 Comprehensive Psychiatric Work-Up</td>
<td>80</td>
<td>53</td>
</tr>
<tr>
<td>12 Class Participation /Personal Learning Plan Assignments</td>
<td>72</td>
<td>47</td>
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<tr>
<td>1 Capstone Case Work-up</td>
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<tr>
<td>Total</td>
<td>152</td>
<td>100</td>
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</tbody>
</table>

Statement on Penalties for Late Work

All assignments must be turned in on time. A late assignment will result in a 10% reduction in the grade for every 24 hours it is late.

Grading Information & Course Activities

Course Letter Grades

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>93.0 - 100</td>
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<tr>
<td>A-</td>
<td>90.0 - 92.9</td>
</tr>
<tr>
<td>B+</td>
<td>87.0 - 89.9</td>
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</tbody>
</table>
Minimum Passing Level
Per University and College Policy, students who receive a grade below D in this course must successfully repeat the course before advancing to courses which require this course as a prerequisite.

Detailed Course Outline & Schedule
Course Schedule Spring 2018

<table>
<thead>
<tr>
<th>Case Topic* Subject to change at course instructor's discretion</th>
<th>Date Time: 12:20-1:10</th>
<th>Visiting Expert</th>
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<tbody>
<tr>
<td>Class introduction - Treatment resistant depression</td>
<td>January 16</td>
<td>Danielle Bishop Jeff Bishop</td>
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<tr>
<td>First Episode Psychosis</td>
<td>January 23</td>
<td>Bob Haight</td>
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<tr>
<td>Treatment Resistant schizophrenia</td>
<td>January 30</td>
<td>Bob Haight Rachel Dugan</td>
</tr>
<tr>
<td>Treatment resistant anxiety disorder</td>
<td>February 6</td>
<td>Mark Schneiderhan</td>
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<tr>
<td>Pharmacogenomics</td>
<td>February 13</td>
<td>Jeff Bishop</td>
</tr>
<tr>
<td>Bipolar disorder</td>
<td>February 20</td>
<td>Amy Fredkove</td>
</tr>
<tr>
<td>Open Medication assisted treatment of substance use disorders</td>
<td>February 27</td>
<td>Erica Dimitropoulos</td>
</tr>
<tr>
<td>Drug induced movement disorders</td>
<td>March 6</td>
<td>Danielle Bishop</td>
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<tr>
<td>Acute alcohol withdrawal/ AUD</td>
<td>March 20</td>
<td>Kara Wong</td>
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<tr>
<td>Pediatrics (ADHD)</td>
<td>March 27</td>
<td>Dawn Hoeft</td>
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<tr>
<td>PTSD/Depression Comorbidity</td>
<td>April 3</td>
<td>Kara Wong</td>
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<tr>
<td>Civil commitment process in Minnesota (committing people for mental health treatment)</td>
<td>April 10</td>
<td>Allison Gibbs</td>
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<tr>
<td>Topic</td>
<td>Date</td>
<td>Presenter</td>
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<tr>
<td>Agitation and aggression in AD</td>
<td>April 17</td>
<td>TBD</td>
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<tr>
<td>Geriatrics (BEERs, ACH burden, etc.)</td>
<td>April 24</td>
<td>Eric Geurkink</td>
</tr>
<tr>
<td>Complex MTM case</td>
<td>May 1</td>
<td>Mark Schneiderhan</td>
</tr>
</tbody>
</table>

**University of Minnesota and College of Pharmacy Policy Reference (Centralized Syllabus)**
[This page includes all required UMN and CoP policies, e.g., Academic Freedom; Copyright; Course Evaluations; Disability Accommodations; FERPA, etc.]