**NEW MEXICO STATE UNIVERSITY**

**Psychopharmacology Training**

**COURSE OUTLINE**

**Course # & Title**: Class #18 – Day 1: Psychopharmacology of Bipolar Disorders

**Location:**  **NMSU: 1220 Stewart St, Las Cruces, NM**

 **O’Donnell Hall, Rm # 027**

**Class Meeting Date**: February 27, 2016 - Saturday

**Instructor(s)**: Marlin C. Hoover, Ph.D., M.S., ABPP

**Required Text(s)**:

* Stahl, S., (2013), pgs. 370-388
* Advokat et. al, (2014), pgs. 467-504
* Stern et. al, (2012), pgs. 131-136; 379-382
* Janicak (2011) pgs. 351-463

**Recommended Text(s)**:

* Become familiar with using reference texts to check on a drug (Stahl, Virani, etc…)

**Program Overview**: The program will begin with an orientation and overview of the didactic and practicum components required for graduation. Throughout the ten didactic courses that make up the Master’s Degree Program students will have opportunities to apply principles learned to clinical cases through experiential assignments that increase in complexity as the students’ knowledge of psychopharmacology and the biopsychosocial model becomes more sophisticated.  Some of these experiential assignments will be based upon students’ existing patient populations.  Others will involve role-playing activities in classes.  Still others will involve the observation of actual clinical protocols.  Students will be given written exercises based upon these experiences that will be compiled into a clinical notebook of clinical based studies.  These assignments will be averaged with the students’ scores on objective tests to determine their grades for each class.

**Course Description**: In this course we continue our study of clinical psychopharmacology through the study of the treatment of bipolar disorder. Objectives of this course are to understand the biochemical mechanism(s) underlying the pharmacological efficacy of antimanic treatments; the biochemical, physiological and anatomical bases of adverse effects associated with antimanic treatments; different classes of antimanic drugs and treatments; typical antipsychotic medications, atypical antipsychotics, electroconvulsive therapy (ECT), lithium (Li+), anticonvulsants, and other treatments for bipolar disorder, and to be able to effectively prescribe these medications and manage the medical issues that arise from their use.

**Objectives:**

Students will:

1. Develop an in-depth understanding of the mechanisms of actions of the various drugs used in treatment of bipolar disorders.
2. Be able to select the most appropriate psychotropic medications for bipolar disorders given the effect and the side effect profile of each drug.
3. Develop skill in assessing the cost/benefit ratio associated with psychotropic use with individual patients with bipolar.
4. Develop an understanding of a dynamic biopsychosocial model for the use of psychotropic medications in the treatment of bipolar disorders.
5. Be aware of the legal and ethical issues involved in the use of psychotropic medications in the treatment of bipolar disorders.

**Homework:** See Class#18 – Day 2

**Evaluation**: See Class #18 – Day 2

***Students with Disabilities: If you have or believe you have a disability, you may wish to self-identify. You can do so by providing documentation to the Office for Services for Students with Disabilities, located at Garcia Annex (telephone: 646-6840). Appropriate accommodations may then be provided for you. If you have a condition which may affect your ability to exit from the premises in an emergency or which may cause an emergency during class, you are encouraged to discuss this in confidence with the instructor and/or the director of Disabled Student Programs. If you have questions about the Americans with Disabilities Act (ADA), call 646-3635.***

**NEW MEXICO STATE UNIVERSITY**

**Psychopharmacology Training**

**COURSE OUTLINE**

**Course # & Title**: Class #18 – Day 2: Psychopharmacology of Anxiety Disorders

**Location:**  **NMSU: 1220 Stewart St, Las Cruces, NM**

 **O’Donnell Hall, Rm # 027**

**Class Meeting Date**: February 28, 2016 - Sunday

**Instructor(s)**: Marlin C. Hoover, Ph.D., M.S., ABPP

**Required Text(s)**:

* Stahl, S., (2013), pgs. 388-419
* Advokat et. al, (2014), pgs. 433-467
* Stern et. al, (2012), pgs. 48-49; 94-95; 137-139; 223; 408-409
* Janicak (2011), pgs. 463-569

**Recommended Text(s)**:

* Virani (2013)

**Program Overview**: The program will begin with an orientation and overview of the didactic and practicum components required for graduation. Throughout the ten didactic courses that make up the Master’s Degree Program students will have opportunities to apply principles learned to clinical cases through experiential assignments that increase in complexity as the students’ knowledge of psychopharmacology and the biopsychosocial model becomes more sophisticated.  Some of these experiential assignments will be based upon students’ existing patient populations.  Others will involve role-playing activities in classes.  Still others will involve the observation of actual clinical protocols.  Students will be given written exercises based upon these experiences that will be compiled into a clinical notebook of clinical based studies.  These assignments will be averaged with the students’ scores on objective tests to determine their grades for each class.

**Course Description**: This course reviews the treatment of anxiety disorders from a biopsychosocial model of care with special emphasis on psychopharmacology for anxiety disorders. Diagnosis and treatment of broad spectrum anxiety disorders (including general anxity, OCD) will be discussed. Particular anxiety disorders of children will also be discussed.

**Objectives:**

Students will:

1. Develop an in-depth understanding of the mechanisms of actions of the various drugs used in treatment of bipolar disorders.
2. Be able to select the most appropriate psychotropic medications for anxiety disorders that are a part of the broad spectrum of anxiety disorders.
3. Develop skill as demonstrated in case studies to assess the cost benefit associated with use of anti-anxiety medication.
4. Be aware of the legal and ethical issues involved in the use of anti-anxiety medications.
5. Be aware of special issues related to the treatment of anxiety disorders in children.
6. Demonstrate an in depth understanding of the mechanism of actions of hypnotic medication.
7. Be able to discuss issues of dependence, means of avoiding dependence and a means of minimizing dependence with the use of anti-anxiety and hypnotic medications.

**Homework:** A complicated case of bipolar disorder with anxiety will be presented. Students will be expected to respond in writing to an analytic question about the case. Students’ case analyses will be graded with the expectation for a demonstration of a high level competence of the biopsychosocial model of care.  Responses are due 7 days following the weekend class on Sunday at 11:59 pm.

**Exam**: There will be a test (multiple choice, short answer or true/false) which will be given at the end of the weekend. Most questions will be taken from the lecture; 5 additional questions will be taken from the readings. Exams will be taken and submitted in CANVAS during class. (Students will need to bring their computers to class on the day of the exam.) The answers will be reviewed in class.

***Grading Assignments Points Possible***

***Test (30 questions @ 2 pts each) 60 pts.***

***Case Analysis 30 pts.***

***Participation/Attendance (live or via AdobeConnect) 10 pts.***

***Course grades-***

***90-100 pts total = “A”***

***80-89 pts total = “B”***

***70-79 pts total = “C”***

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