Psychology 315
DRUGS AND BEHAVIOR
Summer 2007

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Office hours: Wednesday 2.30 – 4.00 & by appointment

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E-mail: msaleem@iastate.edu
Office hours: T 2:30 – 3:30 & by appointment

Class meets: MTWRF 12:10 – 1:10 at 1160 Sweeney Hall (05/14 – 07/06)

Readings

Objectives
This course is designed to help you understand the action of psychoactive drugs in the body, and their effect on physiological and psychological functioning of people. Additionally, you will learn about the nature of tolerance and dependence, the nature of drug addiction, the consequences of drug use for individual and society, and the treatment and prevention of substance-related disorders. Also, pharmacological treatment of the variety of psychological disorders will be considered. The course will focus on both recreational and therapeutic drug use and on both illicit and licit drugs. In addition, it is hoped that you will improve your analytical, writing, and communication skills through participation in this class.

Course requirements and assignments
1. Tests (165 pts.)
   There will be three tests throughout the course. Each test will be composed of multiple-choice questions. It will cover both lecture and textbook material. Please, remember to bring # 2 pencil on the test days.
   Test dates:
   Test 1  June 4, Monday  65 pts.
   Test 2  June 18, Monday  50 pts.
Test 3  **July 5**,  Thursday  50 pts.

2. **Paper (100 pts.)**
   You are required to write a paper for this class. You can choose your own topic or use one from my list (a separate handout about this assignment will be available to you). You will have to read at least 4 papers from the peer-reviewed journals on your topic. I will accept only references from the respected journals. Internet references will not be considered. To make this process easier and more efficient I broke it in three stages. So, you will have to complete three assignments instead of 1.
   **Paper assignment 1** (stage 1): Choose the topic and find appropriate references. This assignment should be typed and is due on **May 25** (Friday). Worth 5 points. Very good way to start working on this assignment is to browse Goldberg, R. (Ed.) (2004). _Taking sides: Clashing views on controversial issues in drugs and society_ (6th ed.).
   **Paper assignment 2** (stage 2): Develop an outline of your paper, type it, and submit it to me by **June 15** (Friday). Worth 15 points.
   **Paper assignment 3** (stage 3): Final version of your paper is due on **July 2** (Monday). It should be typed, double-spaced and adhere to the APA style (see _Publication Manual of the American Psychological Association_, 5th ed., 2001). Required length is 6-8 pages. Worth 80 points.

3. **Participation (35 pts.)**
   I believe that learning is the most effective when students are involved in the class. That is why participation is crucial, from my perspective. I will not be checking attendance each class. However, I will use pop-up in-class written assignments to insure everyone’s participation. **Pop-up written assignments** will take place 1-2 times a week. You will be allowed to use your books and notes for completion. Each assignment will be worth 5 points. If you are in-class and putting thought into your work you will be able to get the full credit for these assignments.

   Please, note that you will NOT be able to pass the class if you have not completed at least five of the aforementioned in-class assignments.

**Extra-credit**
Extra-credit points may be added to your grade **ONLY** if you completed three tests, all three paper assignments, and all the required (7) of the written pop-up in-class assignments. Overall, up to 25 pts. may be added.

1. **Active class participation.** I will reward people who actively participate in the class (by asking questions, responding to my questions, commenting on the readings, etc.) with extra-credit points. You may earn up to 15 pts.

2. **Discussion clubs.** People who participate in the discussions will be rewarded with extra-credit points. There are two levels of participation in the club: (1) present one of the sides of the controversial issue in question (readings will be provided and you can choose to use additional sources; 10 pts.); (2) participate in the discussion during the club – 5 pts. You may earn up to 15 pts. for active participation in one discussion club. We will have 2 or 3 discussion clubs throughout the class. You will be required to complete specific readings before coming to the discussion club. We will have
discussions about controversial topics in which you will be asked to develop your own position on the argued question. In the end of the club you will be asked to state your position in writing and submit an essay to me.

3. In-class assignments. Only 7 assignments are required. By submitting more then 7 you can earn extra-credit points.

4. Research. There may be an opportunity to participate in research studies for extra-credit points. Dates and titles of the eligible studies will be announced.

Policies and Guidelines
In order for our joint experience to be successful several guidelines were established.

1. Class participation and ethics
   - This summer class is rather intensive. We will be discussing a new theme almost every two days. So, it is very important to come to class prepared to learn and participate.
   - Respect the person who is speaking. This includes me, the instructor, guest speakers, and any student who has been given “the floor”.
   - If you want to say something, please, raise your hand and wait for instructor to give you “the floor”.
   - No one in the class should be ridiculed, insulted or singled out for offering their opinion. We all are very different. If we respect these differences they will make our joint exploration both safe and interesting.
   - I believe that the more you participate in the class the more you learn. I encourage everyone to participate in class discussions, ask questions, comment on readings and themes discussed.

2. Reading assignments
   You should complete the readings assigned for a given date before coming to the class.

3. Missed test
   If you missed a test for a serious reason, such as documented illness or documented family emergency, contact me right away via e-mail to make appropriate arrangements.
   **If you missed a test for another reason you will not receive any credit for it.**

4. Requirements to written assignments
   All assignments should have your name printed, title of the class, date, and title of an assignment on the top of the first page. If there are several pages, they should be stapled or sewed. All homework assignments should be typed.

5. Late assignments
   **I do not accept late assignments!** The only exclusions to this rule are documented cases of emergency or very unusual circumstances. You have to notify me about your circumstances on the day when assignment is due or earlier. However, even in these cases I leave myself a right to not accept your assignment if, from my perspective, described emergency or circumstances did not interfere with your ability to complete and turn in your assignment on time.

6. Disabilities
   If you need special accommodations due to any form of disability, please, (1) obtain a Student Academic Accommodation Request (SAAR) form from the Disability Resources Office (ph. 294-7220; 1076 Student Services Building); (2) contact me during the first week of the semester or as soon as you become aware.
7. **Plagiarism and Academic Dishonesty**

In my experience most students approach their academic work with integrity. However, sometimes academic dishonesty or plagiarism occur. Often it happens because of lack of information. I think that familiarizing yourself with these issues may help you choose effective and appropriate behavior when confronted with situation. Please, see detailed description of academic dishonesty at [http://www.iastate.edu/~catalog/2005-07/geninfo/dishonesty.html](http://www.iastate.edu/~catalog/2005-07/geninfo/dishonesty.html).

**Plagiarism** refers to borrowing thoughts or formulations of other people without citing them or giving them a credit. It is unethical. In any written material that you submit to me I want you:

1. to put quotation marks (“””) around direct quotation of another person’s writings and to cite the source and page number [E.g.: “The alveoli within the lungs can be imagined as a huge surface area…” (Levinthal, 2005, p. 61)];
2. to cite the source for any thoughts which you have borrowed but changed and presented in your own words [E.g.: Levinthal (2005) states that lungs contain special structures for gas and blood exchange that can be seen as a plain].

In the case of a student demonstrating any form of academic dishonesty university policies and procedures will be followed. Academic dishonesty may result in the “F” grade for the class (for more details see [http://www.iastate.edu/~catalog/2005-07/geninfo/dishonesty.html](http://www.iastate.edu/~catalog/2005-07/geninfo/dishonesty.html)).

8. **Contacting instructor**

I want to make myself available to you for an individual consultation. Please, feel free to e-mail me requesting an individual meeting or just stop by during the office hours. I encourage you to ask questions, share your comments and feedback, or discuss your ideas. I am looking forward to these opportunities to talk with you.

9. **Other questions and issues**

When you encounter any issues not described above, please talk to me as soon as possible. I promise not to reprimand or criticize you but rather help you to resolve the problem.

**Evaluation**

You may earn up to 300 points in this class. I will not curve test grades. If you are not strong on multiple choice tests, do your best to participate in the class and compensate through extra-credit. The only case in which I may consider curving the final grade is if no one in the class earns 300 pts.

The grades will be assigned as follows:

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<th>Grade</th>
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<td>A</td>
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<td>B-</td>
<td>240 - 245</td>
<td>D+</td>
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<td>A-</td>
<td>270 - 275</td>
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<td>231 - 239</td>
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<td>B+</td>
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<td>B</td>
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<td>05/14</td>
<td>Introduction to the class</td>
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<td>05/15</td>
<td>Drugs and Behavior today</td>
<td>Ch. 1</td>
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<td>05/16-05/17</td>
<td>Pharmacokinetics. Pharmacodynamics. The Central nervous system</td>
<td>Ch. 2, Ch. 3</td>
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<td>05/18</td>
<td>Drug regulation and law</td>
<td>Ch. 2</td>
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<td><strong>WEEKS 2 &amp; 3: Major Depressants</strong></td>
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<td>05/21-05/22</td>
<td>Alcohol: history, pharmacology, physiological and behavioral effects</td>
<td>Ch. 9</td>
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<td>05/23-05/24</td>
<td>Chronic Alcohol abuse and alcoholism</td>
<td>Ch. 10</td>
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<td>05/25 (F)</td>
<td>Barbiturates &amp; Benzodiazepines 05/25: title and references due (Paper assignment # 1)</td>
<td>Ch. 15</td>
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<td>05/28</td>
<td>No class (Memorial Day)</td>
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<td>05/29</td>
<td>Barbiturates &amp; benzodiazepines (con’t)</td>
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<td>05/30 – 05/31</td>
<td>Inhalants</td>
<td>Ch. 13</td>
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<td>06/01 (F)</td>
<td>Test consultation &amp; catch-up</td>
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<td><strong>WEEK 4: Major Stimulants</strong></td>
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<td>06/04 (M)</td>
<td>Test 1</td>
<td>Ch. 1-3, 9, 10, 13, 15 &amp; class notes</td>
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<td>06/05</td>
<td>Cocaine</td>
<td>Ch.4: pp. 87-97</td>
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<td>06/06</td>
<td>Amphetamines</td>
<td>Ch. 4: pp. 98-103</td>
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<td>06/07</td>
<td>Caffeine</td>
<td>Ch.12</td>
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<td>06/08</td>
<td>Discussion club: Alcohol advertisements (optional)</td>
<td>TS*: 368 - 389</td>
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<td><strong>WEEK 5: Major Narcotics &amp; Marijuana</strong></td>
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<td>06/11 – 06/13</td>
<td>The major narcotics</td>
<td>Ch. 5</td>
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<td>06/14-06/15 (F)</td>
<td>Marijuana 06/15: paper outline due (Paper assignment # 2)</td>
<td>Ch. 7</td>
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<td><strong>WEEKs 6 - 8: Miscellaneous &amp; Drugs for the treatment of psychological disorders</strong></td>
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<td>06/18 (M)</td>
<td>Test 2</td>
<td>Ch. 4,5,7,12 &amp; lecture notes</td>
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<td>06/19</td>
<td>Discussion club: Legalization of Marijuana (optional)</td>
<td>TS: 174-195</td>
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<td>06/20-06/21</td>
<td>Prevention and treatment of drug abuse and addiction (Muniba Saleem)</td>
<td>Ch. 17 &amp; 18</td>
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<td>06/22</td>
<td>Drugs for the treatment of psychological disorders. Antipsychotic drugs (pp. 357-362) + lecture</td>
<td>Ch. 16</td>
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<td>06/25</td>
<td>Antipsychotic drugs (con’t)</td>
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<td>06/26-06/28</td>
<td>Antidepressant drugs</td>
<td>(pp. 363-371) + lecture</td>
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<td>06/29</td>
<td>Mood stabilizers</td>
<td>(pp. 367 - 368) + lecture</td>
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<td>07/02 (M)</td>
<td>Pharmacological treatment of ADHD</td>
<td>pp.104-105; TS: 238-261</td>
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<td><strong>Final paper due (Paper assignment # 3)</strong></td>
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<td>ADHD treatment (con’t)</td>
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<td><strong>07/05 (Th)</strong></td>
<td><strong>Test 3 - Final</strong></td>
<td>Ch. 6, 16; TS 238-261 &amp; lecture notes</td>
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<td>Paper pick-up &amp; individual consultations (1.30 – 3.30) at W235 Lagomarcino</td>
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