

BEHAVIORAL PHARMACOLOGY 830:463 Fall 2020  
Mon & Thu 12:00 - 1:20 (course index: 07381)  
Dr. George Wagner Busch Psychology room 229  
gcwagner@psych.rutgers.edu

optional text: Julien A Primer of Drug Action (any edition)

<u>week</u>	<u>date</u>	<u>topic</u>
01	09/03	Introduction
02	09/08	Central Nervous System
03	09/14	Resting Membrane Potential
04	09/21	Action Potential & Exocytosis
05	09/28	Pharmacology
06	10/05	Behavior
	EXAM I	10/08 at noon
07	10/12	Dopamine
08	10/19	Parkinson's Disease
09	10/26	Schizophrenia
10	11/02	Drug Self Administration
11	11/09	Developmental Disorders
	EXAM II	11/12 at noon
12	11/16	Norepinephrine & Depression
13	11/23	Serotonin
14	11/30	Aggression & Food Intake
15	12/01	Amino Acid & Peptide Neurotransmitters
	EXAM III	

Each week Professor Wagner will post on the Canvas course site PowerPoint Slides and video narrations (Zoom MP4 files) of those slides as lecture material. These posting will occur on or before the above dates and will be announced by e-mail. Students will be responsible for reviewing that material. Students should e-mail questions about the material to Professor Wagner who will answer by e-mail, usually within 24 hrs. Exams will be in essay format, delivered through the Canvas course site. Each will be 1 hr long and will be available at the above posted times. Periodic Zoom class meetings will be announced by e-mail; these will be set up as review sessions a day or two before each exam.

**Learning Objectives:** To understand the effects of psychoactive drugs from the single neuron to the functioning of neural systems. The approach will integrate both the evolution and development of the nervous system. The biological bases of abnormal behaviors will provide key insights into the site of drug actions

**Current Academic Integrity Policy:**

<http://nbacademicintegrity.rutgers.edu/home-2/academic-integrity-policy/>

**Resources for Students:**

<http://nbacademicintegrity.rutgers.edu/home-2/for-students/>

**Grading:** Your exam scores will be averaged: 90-100 = A; 88 or 89 = B+; 80-87 = B; 78 or 79 = C+; 70-77 = C; 68 or 69 = D+; 60-67 = D; below 60 = F

**Disability Services** (Extracted From a Rutgers' Website)

*Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>*