

BEHAVIORAL PHARMACOLOGY 830:463 Spring 2021

(course index: 10860)

"Office Hours": Monday 9:00-10:00 (see below)

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	01/17	Introduction
02	01/24	Central Nervous System
03	01/31	Resting Membrane Potential
04	02/07	Action Potential & Exocytosis
05	02/14	Pharmacology
06	02/21	Behavior
06	02/25	EXAM I at noon-1:00
07	02/28	Dopamine
08	03/07	Parkinson's Disease
xx	03/14	SPRING BREAK - NO LECTURE
09	03/21	Schizophrenia
10	03/28	Drug Self Administration
11	04/04	Developmental Disorders
11	04/08	EXAM II at noon-1:00
12	04/11	Norepinephrine & Depression
13	04/18	Serotonin
14	04/25	Aggression & Food Intake
15	05/02	Amino Acid & Peptide Neurotransmitters
16	05/11	FINAL EXAM III (version a) at noon-1:00
16	05/??	FINAL EXAM III (version b) at 4:00-5:00

Each week (Sunday Evening) 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.

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>

Office hours will be Monday 9:00-10:00 or by appointment. Dr. Wagner will be available by e-mail during office hrs but will answer questions about the course content pretty much at any time during the semester, usually within 24 hrs.