NR 546 Exam 1 Review

The week 4 exam (midterm) covers content from weeks 1-4. All content presented in lectures and within required readings and viewings may be evaluated on this exam.

In preparation for the midterm exam, I offer the following General Study Tips and Recommendations:

- Topics and content on study guides are intended to focus student attention when reading/studying.
- Multiple test items are derived from the same topic areas to encourage deeper comprehension.
- All test items are multiple-choice or matching
- Students must have a broad understanding of content and not simply memorize passages in textbooks or articles.
- All exam questions are written at a high level of comprehension. You are expected to analyze, synthesis, and evaluate all client scenarios in order to answer the questions.
- Read all the answers BEFORE reading the stem of the question. This will help you focus on the key content and not get distracted by extraneous information.
- Concepts listed in the study guide correspond to the title of lectures.

	Concepts
Week 1: Foundations of Psychopharmacology	☐ Unique considerations when prescribing medication for psychiatric conditions o lifestyle, lifespan, ethical legal considerations ☐ Neuroscientific basis for behavior o connection between psychotropic medications and neuroscience o genetics o CYP450
Week 2: Neurotransmission	☐ Neurotransmission o process o signal transduction cascades ☐ Neurotransmitters ☐ Drug metabolism
Week 3: Targeting Dopamine and Serotonin Receptors for Psychosis, Mood, and Beyond: So-Called "Antipsychotics" Targeting	☐ Psychosis o conditions associated with psychosis o symptoms (positive and negative) o neurological basis for psychosis ☐ neural networks ☐ dopamine pathways ☐ neural signaling ☐ role of dopamine and other neurotransmitters ☐ Antipsychotic medications o first generation/ drugs that target D2 receptors o second generation/ 5HT2A/ D2 Antagonists and D2/5HT1A Partial Agonists: The Pines (Peens), Many