Psychiatric Disorders and Brain Function

 Neuroscience 1030 – 2016

 Dr. Anthony A. Grace

Time: Tuesday, Thursday 1:00 - 2:20 Telephone: 624-4609

Lecture Room: 169 Crawford Office: Langley 456

 EMAIL: GraceAA@Pitt.edu

1/7 Introduction

1/12 Pharmacology - dose/response, receptors

1/14 Pharmacology - agonists/antagonists, second messengers

1/19 Basal ganglia - anatomy, Acetylcholine, Amino Acids

1/21 Dopamine - anatomy, physiology, pharmacology

1/26 Norepinephrine - anatomy, physiology, pharmacology

1/28 Serotonin - anatomy, physiology, pharmacology, hallucinogens

2/2 Exam I - Basic Science

2/4 Psychiatric diagnosis & clinical investigations; Schizophrenia - history, genetics, diagnostic criteria

2/9 Schizophrenia - etiology, amphetamine, PCP, hallucinogens

2/11 Schizophrenia - treatment, side effects

2/16 Parkinson's disease

2/18 Huntingtons disease

2/23 Tourette's Syndrome

2/25 Obsessive/Compulsive disorder

3/1 Exam 2

3/3 Attention Deficit/Hyperactivity Disorder

3/8 Spring Recess

3/10 Spring Recess

3/15 Anxiety

3/17 Drug Abuse

3/22 Anorexia Nervosa/Bulimia

3/24 Autism

3/29 Epilepsy

3/31 Alzheimer’s

4/5 Exam 3

4/7 Narcolepsy

4/12 Depression - clinical & diagnostic criteria, genetics

4/14 Depression - etiology, animal models, treatment

4/19 Bipolar disorders, lithium, suicide

4/21 Summary and General Principles; Review

4/29 4:00-5:50 PM Final and Exam 4 - cumulative (emphasis on last section)

Exams: First 3 exams 1/4 of grade each

Final exam - 1/4 of grade

Teaching Assistant: Susie Sonnenschein

Email: SFS29@PITT.EDU

Office Hours: 208 Langley on Thursdays from 2:30-3:30 pm

Dr. Grace is ALWAYS available by appointment; EMAIL at: GraceAA@pitt.edu

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both the instructor and the Disability Resources and Services no later

than the 2nd week of the term. You may be asked to provide

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648‑7890 (Voice or TTD) to schedule an appointment. The Office is

located in 216 William Pitt Union."

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