UNIVERSITY OF CALIFORNIA, SAN DIEGO, PSYC 193GS
NEUROSCIENCE, PSYCHOLOGY, and PHARMACOLOGY of ANTIQUITY
(An introduction to classical pharmacology and neuroscience)
SYLLABUS, PSYC193GS (version of DD/MM/202Y)

Instructor: Professor Stephan G. Anagnostaras
Office: Location (stephana@ucsd.edu phone: xxx)
Office Hours: XXX
Lecture: Mon & Wed, 10:30 – 1 pm, LOCATION Discussion and Review: Mon & Wed 2-3 pm
Readings: a large number of readings will be available on Canvas.

Webpage: Class announcements, updated syllabi, sample test questions, relevant links, and extensive and complete Powerpoint lecture material for downloading will be available on Canvas.
Exams and Grading: The course grade will be based on the outcome of two short in-class exams (multiple choice questions). Exams 1-2 will be 25 questions each, worth 25 points each, and non-cumulative. Exams will be taken on Canvas, will be open book, and can be taken during class. A specified window of about 24 hours will be given (starting with scheduled class time) and within that window you will have 2 hours to complete each exam. Students will also complete 2, 5 page, “monographs” describing a conception of disease and/or treatment of antiquity which will be worth 25 points each. The total points are 100 (4 x 25). Students can also opt to present the one of the monograph assignments as performance art in a group (usually, this has been a play, other times students have done songs) instead of writing one paper. Grades will be based on a generous curve. However, if you skip any exams without proper excuse, or are found to be cheating on any part of the course, you may automatically receive an F for the course grade. Cheating on on-line exams will be strictly enforced through a highly effective algorithm and will be prosecuted through the official UCSD process – Don’t do it.

TENTATIVE LECTURE TOPICS AND SCHEDULE
(Readings are listed below)

Mind, Brain, and Epistemology of Ancient Greece
Week 1 Class overview
A brief history of ancient medicine
Mind, Brain, and Humoral Theories of Behavior
Neurology and Psychiatry of ancient Greece (focus on depression and madness)

Week 2 Pharmacology of ancient Greece
Ethnopharmacology and pharmacognosy, an overview An overview of de Materia Medica and its origins Monograph 1 due

Week 3 Specific treatments for pain, overview of the history of opium History of opium use continued
Specific treatments for epilepsy and psychiatric ailments EXAM 1

Week 4 Specific pharmacology of selected drugs still used today
Poisons and Medicines in magical thinking and rituals, their relation to actual treatment Asclepiades
Monograph 2 due

Week 5 Dietetics, Energetics, and Sport in Health, from Delphi to the Olympics Surgery and direct interventions in Neurological and Psychiatric ailments
Retrospective evaluation of the psychology, pharmacology, and neuroscience of
antiquity: how does it hold up today?

EXAM 2

Selected Readings

Week 1
Pioreschi *Experimentation and Scientific Method in the Classical World: Their Rise and Decline* (journal article)
Farah & Feindberg *A historical perspective on cognitive neuroscience*. (book chapter)
Evans *Searching for schizophrenia in ancient Greek and Roman literature: a systematic review* (review)
Gross *Early History of Neuroscience* (book chapter)

Weeks 2-4
De Pasquale *Pharmacognosy: the oldest modern science*. (review)
The Herbal of Dioscorides the Greek (1000 + page volume, available as 5 pdfs – we will use the introductory chapter in full and selected items)
Rosso (2010) *Poppy and Opium in ancient times: remedy or narcotic*. (journal article)
Homer, The Odyssey (selected portions)

Week 4-5
Scarborough *Galen on Pharmacology (selected chapters – original text translations)*
Grammaticos, Diamantis *Useful known and unknown views of the father of modern medicine and his teacher Democritus*.
Papavramidou, Papavramidis, Chrisopoulou-Aletra *Galen on obesity: etiology, effects, and treatment*