

COURSE NAME AND CODE

Course	FYSM 1310C
Instructor	Dan Madularu
Term	F/W
Email Address	danmadularu@cunet.carleton.ca
Office Location	TBD
Office Hours	TBD

COURSE DESCRIPTION/INSTRUCTOR'S STATEMENT

Purpose: to explore the biological backbone of neuropsychiatric symptomatology, as well as treatment options. Topics of interest will include Alzheimer's disease, Parkinson's disease, schizophrenia and many more. Each disorder will be approached in a similar fashion, starting with its history, then case studies (where applicable and/or necessary) and current research (clinical and preclinical). Another important segment covers treatment, which will be subject to group presentations on a weekly basis. There is no textbook required, but journal articles will be assigned as reading material for each class; the "treatment presentations" will be based on current clinical and preclinical research articles.

Note: the first 2-3 weeks will focus on basic neuroanatomy and research methods, since this is a 1st year seminar and one cannot expect that every student has a decent understanding of basic research methods and neuroscience. These elements are necessary for the clear understanding of the material that this seminar is built on.

EVALUATION (SUBJECT TO CHANGE)

	% of final grade	Date
Take-home assignment	20	Last week of class in December 2020
Group Presentation	10	January/February 2021
Individual Presentation	25	March 2021
Scientific Poster	10	October/November 2020
Final Exam	35	Winter exam period

TEXT

A variety of peer-reviewed publications that will be assigned throughout the year.