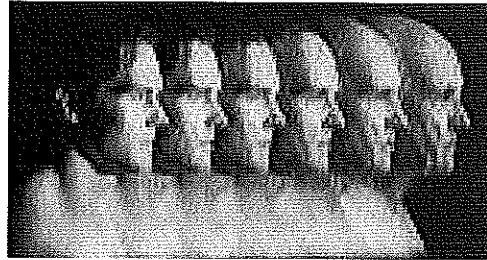


NROD67H3F Psychobiology of Aging (Winter 2008)**Instructor: Dr. Joan Forder**

Prerequisite: NROB60H & [NROC61H or NROC64H]

*****PLEASE ENSURE YOU HAVE THESE...THEY WILL BE CHECKED*****

This course will characterize various anatomical, biochemical and physiological changes that occur in the nervous system with age while examining several age-related disease states. We will explore the progression of theories and experimental models of aging from the late 1970's until the current time with emphasis on problems and the perspectives.

Lectures:

Wednesdays: 3-5 pm.* Room: AC332

*First 10 minutes will be set aside for a quiz on dates outlined below

Office Hours:

Dr. Forder: Wednesdays 12a -1 pm Room S512

Or by appointment (arranged by e-mail)

Textbook: no textbook for this course

Testing:

- ✓ 8 quizzes (12%) (2% each: 8 multiple choice questions based on scientific papers to be discussed on that date) (best **6 out of 8** quiz marks count)
- ✓ Student Oral Presentation (25%) (age-related disease state)
- ✓ Discussion/Participation (14%)
- ✓ Journal Paper Facilitation (14%)
- ✓ Written Assignment Outline (10%) (Due: MARCH 5TH)
- ✓ Written Assignment (25%) (Theory of Aging Progression Over the Years) (Due: APRIL 7TH)

NOTE:

1. All choices for oral presentations & written assignments must be approved by Dr. Forder.
2. Journal Paper Facilitation will be from the assigned journal article list available during first class.
3. Best 6 out of the 8 possible quiz marks will count.
4. There will be no Final Examination in this course.

E-mail:

jforder@utsc.utoronto.ca

Short answer questions will be answered by e-mail. Questions involving detailed answers will be addressed in office hours. Response will be within 48 hours on weekdays.

Intranet Resources:

From home: <https://intranet.utsc.toronto.ca>

On campus: <http://intranet>

*Students need to sign up for a UTSC student account on this webpage.

Journal Article List

DATE	TOPIC	Article
January 16	Dementia & Alzheimer's	Dewatcher et al, J of Neurosci, 2002, 22(9), 3445-3453
January 16	Dementia & Alzheimer's	Rockenstein, Crews and Masliah, Adv Drug Del Rev, June 2007
January 23	Sensory Disorders	Brody et al, Opthomology, 108(10) October, 2001
January 23	Sensory Disorders	Nelson et al, Neurobiology of Disease, 27(19) 2007
January 23	Sensory Disorders	Brahmerson, Nordin, & Bende, Acta Oto-Laryn, 127, 2007
January 30	Multi-Infarct Dementia	Katagia et al, Psychiatry & Clin Neurosciences, 61:568-570 (2007)
January 30	Multi-Infarct Dementia	Korczyzn, A, J of Neurological Sciences, 229-230 (2005) 3-6
January 30	Multi-Infarct Dementia	Moretti et al, The Neurologist, 12(1) 2006, 43:47
February 06	Sleep Disorders	Wolkove, et al, CMAJ 176(10), May 2007
February 06	Sleep Disorders	Carlson et al, Biol Res for Nursing, 8, 249, 2007
February 06	Sleep Disorders	Wu and Swaab, Sleep Med, 8 (2007) 623-636
February 13	Severe Depression	Tiemeier, H. European J of Epidemiology 18:745-750 (2003)
February 13	Severe Depression	Teodorczuk et al. British Journal of Psycitry (2007) 191, 212-217.
February 13	Severe Depression	Ryan et al. British Journal of Psychiatry (2008) 192, 12-18
February 27	Delirium	Van Munster et al. Psychiatric Genetics 17:261-266 (2007)
February 27	Delirium	Sheng et al. JAGS 54:1192-1198 (2006)
February 27	Delirium	Vollmer et al. Nursing 37(8): 26-8.
March 05	Co-morbidities	Hartvigsen et al. Eur. Spine J 12:528-534 (2003)
March 05	Co-morbidities	Foley et al. Journal of Psychosomatic Res 56:497-502 (2004)
March 05	Co-morbidities	Sevick et al. J Gen Intern Med 22(Suppl 3):438-444
March 12	Movement Control Disorders	Li et al. Synapse 61:971-9 (2007)
March 12	Movement Control Disorders	Isobe et al. Journal of Clinical Neuroscience 14:340-343 (2007)
March 12	Movement Control Disorders	Johnson et al. J Geron a Biol Sci 62(10):1134-1141 (2007)
March 19	Quality of Life	Ho et al. J of Altenative and Compl Medicine. 13(10):1077-1083.
March 19	Quality of Life	Eng and Feeny. Population Health Metrics 5:10 (2007)
March 19	Quality of Life	Fan et al. Nephrol Dial Transplant 0:1-7 (2008)
March 26	Nutrition	Merry, BJ. The Intern J of Biochem& Cell Bio 34:1340-1354 (2002)
March 26	Nutrition	Ramasamy et al, Mol, Nutrit Food Res. 51:1111-1115 (2007)
March 26	Nutrition	Hodgson et al. Amer J of Clinical Nutrition. 87:175-180 (2008)

Course Outline Summary*:

DATE	TOPIC	Journal Articles	Student Oral Presentations
		Title	Topic
Jan 09	<ul style="list-style-type: none"> • Introduction • Age-Related Disease States Overview • Theories of Aging: Problems and Perspectives • Oral Presentation Sign Up • Journal Article Sign Up 	Sample Presentation by Dr. Forder	
Jan 16	Quiz #1 <ul style="list-style-type: none"> • Journal Paper Presentation Demo • Journal Paper discussion • Written Assignment Sign Up 	1. 2.	Dementia caused by Alzheimer's disease
Jan 23	Quiz #2 <ul style="list-style-type: none"> • Journal Paper Presentation Demo • Journal Paper discussion 	1. 2.	Sensory Disorders
Jan 30	Quiz #3 <ul style="list-style-type: none"> • Student Journal Paper Presentations • Student Oral Presentations 	1. 2.	Multi-infarct Dementia
Feb 06	Quiz #4 <ul style="list-style-type: none"> • Student Journal Paper Presentations • Student Oral Presentations 	1. 2.	Sleep Disturbances
Feb 13	Quiz #5 <ul style="list-style-type: none"> • Student Journal Paper Presentations • Student Oral Presentations 	1. 2.	Severe Depression
Feb 20	NO CLASS: READING WEEK		
Feb 27	Quiz #6 <ul style="list-style-type: none"> • Student Journal Paper Presentations • Student Oral Presentations 	1. 2.	Delirium
Mar 05 Written Outline Due	Quiz #7 <ul style="list-style-type: none"> • Student Journal Paper Presentations • Student Oral Presentations 	1. 2.	Comorbidities
Mar 12	Quiz #8 <ul style="list-style-type: none"> • Student Journal Paper Presentations • Student Oral Presentations 	1. 2.	Movement Control Disorders
Mar 19	<ul style="list-style-type: none"> • Student Journal Paper Presentations • Student Oral Presentations 	1. 2.	Quality of Life Deterioration
Mar 26	<ul style="list-style-type: none"> • Student Journal Paper Presentations • Student Oral Presentations 	1. 2.	Nutritional Involvement
Apr 02	<ul style="list-style-type: none"> • Extra Presentations (if needed) • Wrap Up 		

* **Disclaimer:** The above schedules, procedures and policies are subject to change in the event of extenuating circumstances.