Course Title: Alzheimer's Disease and Dementia: An Introduction
Course Code: BIO 98
Instructor: Victor Henderson, MD, MS; with faculty from the Stanford Alzheimer's Disease Research Center

Course Summary:

Please see course page for full description and additional details. Please note that a medical or science background is neither required nor expected.

Grade Options and Requirements:

• No Grade Requested (NGR)
  o This is the default option. Attendance and classroom participation (or at least polite attention) is requested; no outside work will be required; no credit shall be received; no proof of attendance can be provided.

• Credit/No Credit (CR/NC)
  o Students must attend 5 of the 6 class sessions and prepare a short, coherent review (about 1200-2000 words) on a relevant topic agreed upon by the student and instructor. A preliminary topic proposal is due at the time of the second class (a sentence or two; July 18), and the final short paper is due on the last day of class (August 15).

• Letter Grade (A, B, C, D, No Pass)
  o Same requirements as for CR/NC (see above)

Tentative Weekly Outline:

• Week 1  
  ° Dementia and Alzheimer's disease
  ° Cognitive aging and mild cognitive impairment

• Week 2  
  ° Other dementia 1, Parkinson's disease dementia and Lewy body disease
  ° Neuropsychology of aging and dementia

• Week 3  
  ° Other dementia 2, Vascular dementia and frontotemporal dementia
  ° Microscopic changes (neuropathology)

• Week 4  
  ° Is this dementia? What does the doctor do?
  ° Brain imaging and biomarkers

• Week 5  
  ° Caregiving
  ° Brain donation (brain donation !?!)  
  ° Genetics of Alzheimer's disease

• Week 6  
  ° Alzheimer's disease treatment and new drug development
  ° Alzheimer's disease prevention
  ° Open forum