Course Title: Human Longevity: The Quest for Immortality  
Course Code: BIO 93  
Instructor: Sohila Zadran, PHD

Grade Options and Requirements:

- No Grade Requested (NGR)*
  - This is the default option. No work will be required; no credit shall be received; no proof of attendance can be provided.
- Credit/No Credit (CR/NC)
  - A passing grade (for “Credit”) = attendance
- Letter Grade (A, B, C, D, No Pass)
  - Attendance 50%  
  - Research/Theory Paper 50%

*Please Note: If you require proof that you completed a Continuing Studies course for any reason (for example, employer reimbursement), you must choose either the Letter Grade or Credit/No Credit option. Courses taken for NGR will not appear on official transcripts or grade reports.

Tentative Weekly Outline:

**Week 1: January 13**  
Lecture: “The Quest for Human Immortality: History and Theory” by Sohila Zadran, PhD  
Guest Lecture: Aubrey de Grey, PhD  
(https://www.ted.com/speakers/aubrey_de_grey)

**Week 2: January 20**  
Lecture: “The Biology of Human Aging and Long Lived Populations” by Sohila Zadran, PhD  
Guest Lecture: TBD

**Week 3: January 27**  
Lecture: “Cellular Aging and Immortal Cells: Potential Therapeutic Targets” by Sohila Zadran, PhD  
Guest Lecturer: David Sabatini, MD PHD  
(https://www.hhmi.org/scientists/david-m-sabatini)

**Week 4: February 3**  
Guest Lecturer: TBD

**Week 5: February 10**  
Lecture: “Curing Aging: Aging the Ultimately Human Disease” by Sohila Zadran, PhD  
Guest Lecturer: Judith Campisi, PhD  
(http://www.buckinstitute.org/campisiLab)

**Week 6: February 17**  
Lecture: “Gender Specific Aging” by Sohila Zadran, PhD  
Guest Lecturer: Claudia Aguirre, PhD  
(http://www.huffingtonpost.com/dr-claudia-aguirre/)

Research Paper Due
**Week 7: February 24**
Lecture: "The Economics of Aging (Human Longevity and Silicon Valley)" by Sohila Zadran, PhD
Guest Lecturer: TBD

**Week 8: March 2**
Final Lecture and Concluding Remarks