

Med320 Evolutionary Medicine (Student Presentations) / Evrimsel Tıp (Öğrenci Sunumları)

Course Coordinator / Ders Koordinatörü	Yekbun Adıgüzel
Goals / Amaç	A fundamental understanding of evolutionary biology and medicine, and to be able to present at least two selected related concepts * / Temel bir evrimsel biyoloji ve tıp anlayışı, ve iki ilgili seçilmiş konuyu sunabilmek *

* Each student will make (at least) one presentation from each book. Presentations will be between 30-40 mins. Students will write short (not more than half-page) summaries of the presentations they listened, after the presentations. 10 mins will be allowed for writing those summaries. Students will write the summaries at the break time if the presenter would use all lecture time for the presentation. Presentations and summaries will be used for course evaluation. Summaries will replace midterm exam and presentations will replace final exam (40%/60%). Fulfilling the requirements, namely writing and submitting the summaries and making the presentations, will be the primary criteria in evaluation. There will be more than 2 chapters assigned to each student if there will be less than 14 students or another arrangement for the course can be done according to the number of enrolled-students.

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Her öğrenci her kitaptan (en az) bir sunum yapacaktır. Sunumlar 30-40 dakikalık olacaktır. Öğrenciler her sunumdan sonra dinledikleri sunumun yarım sayfayı geçmeyecek bir özetini yazacaklardır. Özetleri yazmak için 10 dakika verilecektir. Eğer sunucu tüm ders süresini kullanırsa öğrenciler özetlerini ders arasında yazacaklardır. Özetler ve sunumlar ders değerlendirmesinde kullanılacaktır. Özetler arasına yerine sunum final yerine geçecek (40%/60%). Gereklilikleri karşılamak, yani özetleri yazıp teslim etmek ve sunumları yapmak, değerlendirmede birincil kriter olacaktır. Özetler ara sınav, sunumlar final sınavı yerine geçecektir. Öğrenci sayısı 14'ten az olursa öğrenci başına 2'den fazla sunum konusu düşülebilecektir ya da farklı bir ders etkinliği sınıf sayısına göre tasarlanabilecektir.

SOURCES / KAYNAKLAR*	
Textbook 1 for student presentations until 02.03.2023	Peter Gluckman, Alan Beedle, Mark Hanson, 2009, Principles of Evolutionary Medicine, Oxford University Press.
Textbook 2 for student presentations after 02.03.2023	Wenda R. Trevathan, James J. McKenna, 1999, Evolutionary Medicine, Oxford University Press.

* Both textbooks are accessible through the university library

Date	Topics
25.01.2024	Instead of the first meeting, I will be at my office and you can come to ask questions if you have any questions related to the information provided in the syllabus. We can make first meeting if you still prefer one, when you have more than minor questions.
01.02.2024	<i>There won't be elective lecture this week. From the end of add-drops (this week) until the 8th of February, you should inform me per e-mail on the title you will present & will get prepared to present if you choose any of the first two titles.</i>
08.02.2024	Evolutionary theory (student presentation) & The molecular basis of variation and inheritance (student presentation)

15.02.2024	Evolution and development (student presentation) & Evolution of life histories (student presentation)
22.02.2024	<i>There won't be elective lecture this week</i>
29.02.2024	Human evolution and the origins of human diversity (student presentation) & Reproduction (student presentation)
07.03.2024	Nutritional and metabolic adaptation (student presentation) & Defence (student presentation)
14.03.2024	Social organization and behaviour (student presentation) & Evolutionary principles applied to medical practice (student presentation)
21.03.3024	Is Neonatal Jaundice a Disease or an Adaptive Process (student presentation) & Infant Crying Behavior and Colic: An Interpretation in Evolutionary Perspective (student presentation)
28.03.2024	Breastfeeding and Mother-Infant Cosleeping in Relation to SIDS Prevention (student presentation) & Otitis Media: An Evolutionary Perspective (student presentation)
04.04.2024	<i>There won't be elective lecture (This no elective-lecture-week depends on the exact date of your prospective Med304 exam. If it will be on the last week of March, or after the holiday, we will not have elective that week, instead)</i>
11.04.2024	Holiday
18.04.2024	The Evolutionary Ecology of Childhood Asthma (student presentation) & Evolutionary Perspectives on the Onset of Puberty (student presentation)
25.04.2024	Incest Avoidance: Clinical Implications of the Evolutionary Perspective (student presentation) & Evolutionary Obstetrics (student presentation)
02.05.2024	Darwinian Medicine and the Emergence of Allergy (student presentation) & Using Evolution as a Tool for Controlling Infectious Diseases (student presentation)
09.05.2024	Evolutionary Control of HIV and Other Sexually Transmitted Viruses (student presentation) & Paleolithic Nutrition Revisited (student presentation)
16.05.2024	Human Evolution, Low Back Pain, and Dual-Level Control (student presentation) & What Darwinian Medicine Offers Psychiatry (student presentation)
23.05.2024	Evolution, Substance Abuse, and Addiction (student presentation) & Menopause in Evolutionary Perspective (student presentation)
30.05.2024	Breast Cancer in Evolutionary Context (student presentation) & Evolutionary Perspectives on Chronic Degenerative Diseases (student presentation) <i>(This no elective-lecture-week can be scheduled to the 6th of June if you will have the Med306 committee exam in the last week of May.)</i>