Psychology 3F03 Evolution & Human Behaviour  Summer, 2010
Where & When: Mondays & Wednesdays - 18:30-21:30 - D.R. Feinberg - MDCL-1102

June 21 – August 6

Instructor David R. Feinberg (feinberg@mcmaster.ca)

Course Content Domain
This course concerns the relevance of contemporary evolutionary theories and knowledge for understanding human psychology and behaviour, especially social behaviour. The subject matter is interdisciplinary: required readings and lectures will include recent research by anthropologists, biologists, economists, health scientists, and psychologists.

While developing an appreciation of the ways in which evolutionary thinking can inform the study of human psychology and behaviour, you will also gain experience in understanding and evaluating primary research reports. Ideally, you will thereby acquire a more critical grasp of the relationships among research methods, data, and interpretations, and this critical capability will assist you in evaluating research-based claims that you encounter elsewhere.

Required Readings
The required readings are articles and excerpts from both primary research literature and more elementary sources, listed below. Students are responsible for all of these readings, which, unless otherwise noted, can be accessed through the McMaster library.

Assignments and Grading
Grades will be assigned on the basis of (1) a 3-hour registrar-scheduled final exam, worth 55% of the total grade, and (2) performance on three term tests, to be held in class on July 5, July 19, and July 28, each of which will each count 15%. Term tests will assess knowledge and comprehension of lectures prior to the test night and of assigned readings up to and including those scheduled for the test night. There will be no "make-up tests". If you file acceptable documentation with your Dean of Studies, your grade will be based on the test(s) and exam that you completed, with appropriate re-weighting. For further information about missed work, medical exemptions (including the McMaster medical certificate), exam conflicts, and deferred exams, see http://www.science.mcmaster.ca/~associatedean/services/services.html

Term tests and the final exam may include multiple choice and/or short answer and/or essay questions. A deferred final exam will not necessarily be of the same format as the original final exam.

Grades will be computed out of 100 points and converted to a letter grade as follows:
90-100=A+ 85-89=A 80-84=A- 77-79=B+ 73-76=B 70-72=B- 67-69=C+ 63-66=C 60-
The instructor reserves the right to adjust final marks up or down, on an individual basis, in light of special circumstances and/or the student's total performance in the course.

**e-mail**
All students should have McMaster e-mail accounts. If you prefer to receive e-mail at another address, we will try to accommodate your request, but we cannot be responsible for the non-receipt of messages to students using non-McMaster e-mail addresses. Neither can the instructors be responsible for returning long distance calls from students. Any student wishing to contact an instructor should use e-mail.

**Course Web Site**
All students registered in this course will have access to a course website which you can access under the Psych 3F03E course listing on the departmental web site. We will post lecture notes, term test feedback, and other course-related materials in this folder.

**Policy Reminder**
Your attention is drawn to the Statement on Academic Ethics and the Senate Resolutions on Academic Dishonesty, as found in the Senate Policy Statements distributed at registration and available in the Senate Office. Any student who infringes one of these resolutions will be treated according to the published policy. Academic dishonesty consists of misrepresentation by deception or other fraudulent means and can result in serious consequences, e.g. a grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: “Grade of F assigned for academic dishonesty”), and/or suspension or expulsion from the university. It is your responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty please refer to the Academic Integrity Policy, specifically Appendix 3, at <http://www.mcmaster.ca/univsec/policy/AcademicIntegrity.pdf>.
Schedule of Topics and Required Readings
If the course require changes, they will be announced both in class and on the course web page.
Readings can be accessed through the library. They must be read in preparation for (i.e. before) the class for which they are assigned (in other words, read items 1 and 2 before the class of June 23, etc.).


Class 2, June 23. Human Evolutionary Psychology


3. DeBruine L.M. Beyond “just-so stories”: How evolutionary theories led to predictions that non-evolution-minded researchers would never dream of. The Psychologist, 22(11): 930-931

Class 3, June 28. Sexual selection 1. Intrasexual competition.
*You are not responsible for reading the Open Peer Commentary beginning on page 367 and ending on page 397.


Class 5, July 5. Inclusive fitness and kinship.
TEST 1

Class 6, July 7. Marital relations and partner conflict.

Class 7, July 12. Parental investment and parent-offspring conflict.

Class 8, July 14. Sociality among non-relatives.


Class 9, July 19.
TEST 2

Class 10, July 21.
Cognitive processes in evolutionary perspective.


Class 11, July 26. Diversity between groups: Culture, ecology and genes.


TEST 3

Class 13, August 4. Review.