ANT 208H1S.
Medical Anthropology: An Evolutionary Perspective on Human Health

Department of Anthropology, University of Toronto
Winter 2012

LECTURES: Th 10:00 AM - 12:00 noon, , Jan. 12 - Apr. 5, 2012,
LOCATION: MC 102 (Mechanical Engineering Building, St. George St.)

INSTRUCTOR: Prof. Daniel Sellen
VOICE: 416-978-8112  EMAIL: dsellen@chass.utoronto.ca
OFFICE: AP 350   HOURS: Tuesdays 1-2 PM, or by appointment

TEACHING ASSISTANTS:
Laura Anderson    EMAIL: laura.anderson@utoronto.ca
OFFICE: AP 300   HOURS: Wednesdays 1-2 PM, or by appointment
Julia Badescu    EMAIL: j.badescu@utoronto.ca
OFFICE: AP 341  HOURS: Mondays 2-3 PM, or by appointment
Jessica Hider    EMAIL: jessica.hider@utoronto.ca

Calendar description: Introduction to applied evolutionary medical anthropology. The course explores evidence for the evolution of human vulnerability to disease across the lifespan, from conception to death, and implications for health of contemporary populations across the life cycle in gendered cross-cultural perspective.

Distribution Requirement Status: This is a Social Science or Science course
Breadth Requirement: Living Things and Their Environment (4)

Recommended prerequisites
ANT100Y1/BIO120H1, BIO130H1 Some background in one or more of the following will be helpful: human nutrition, human behavioral ecology, evolutionary biology, agricultural development; global health; human nutrition; biological anthropology.

Required readings

Each week, students are required to read BEFORE class selected chapters from:


These books are available at the University of Toronto Bookstore as a discounted “bundle”. In addition, some links to original research or review articles from the primary academic literature will be made available electronically via a Blackboard site associated with the course. Students must access all journal articles on line through the U of Toronto library e-journals portal using their account privileges and comply with copyright requirements.
### Schedule of topics and reading assigned

<table>
<thead>
<tr>
<th>DATE</th>
<th>TOPIC</th>
<th>Wiley &amp; Allen</th>
<th>Gluckman et al</th>
<th>Trevathan</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Jan</td>
<td>Introduction and course review</td>
<td></td>
<td>1, Epilogue</td>
<td>-</td>
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<tr>
<td>19 Jan</td>
<td>Medical Anthropology: Health and Dis-Ease</td>
<td>2, 3</td>
<td>1</td>
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**Medical Anthropology and Evolutionary Medicine**

**Human “Biology”, “Culture” and “Health”**

2 Feb    | 3 Developmental Biology and Life Histories  | -             | 4, 5           | 1         |
TUTORIAL 1: Review of topics 1-3

9 Feb    | 4 IN-CLASS TEST 1 (covers topics 1-3)      | -             | 6              | 2         |
Adaptation, Vulnerability, Stress, Lived Experience

**Vulnerabilities Over the Life Course**

16 Feb   | 5 Nutrition                                 | 4             | 8              | 3, 4      |

23 Feb   | Reading Week (no class)                     |               |                |           |

1 Mar    | 6 Growth and Development                    | 5             | -              | 5, 6      |
TUTORIAL 2: Review of topics 4-6

8 Mar    | 7 IN-CLASS TEST 2 (covers topics 4-6)       | 6             | 7              | 7         |
Reproduction

15 Mar   | 8 Aging                                     | 7             | -              | 8, 9, 10  |
TUTORIAL 3: Review of topics 7-8

**Biocultural Interactions and Health Disparities**

22 Mar   | 9 IN-CLASS TEST 3 (covers topics 7-8)       | 8, 9, 10      | 9              |
Infectious Disease

29 Mar   | 10 Stress, Mental Health, Social Determinants| 11, 12        | 10, 11         | 11        |
TUTORIAL 4: Review of topics 9-10

5 Apr    | E FINAL EXAM, 2 hours (comprehensive)       |               |                |           |
Use of class time

Lectures: The first hour of class will consist of either a presentation by the instructor, or, on three days, an in-class test. The second hour of the class will consist either of class discussion on the topics of the week or, on the three test days, a presentation by the instructor.

Tutorials: We will hold a tutorial every THIRD week of class, for a total of FOUR, as indicated on the above schedule. Each tutorial will cover the preceding THREE topics covered in class, providing problem sets and additional opportunity for discussion and clarification facilitated by one of the TAs. Each tutorial week will begin AFTER lecture on Thursday morning, on January 28, February 16, March 15 and March 29, 2012. The precise day and time, location and TA in charge of your assigned tutorial is indicated on ROSI at the following times:

<table>
<thead>
<tr>
<th>Tutorial Code (ROSI)</th>
<th>Time</th>
<th>Location</th>
<th>Teaching assistant</th>
<th>Dates</th>
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<tbody>
<tr>
<td>T0401</td>
<td>R12</td>
<td>UC328</td>
<td>LA</td>
<td>Feb 2, Mar 1, 15 &amp; 29</td>
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<tr>
<td>T0501</td>
<td>R1</td>
<td>SS2111</td>
<td>LA</td>
<td>Feb 2, Mar 1, 15 &amp; 29</td>
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<tr>
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<tr>
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<td>LA</td>
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<tr>
<td>T0301</td>
<td>W4</td>
<td>LM123</td>
<td>LA</td>
<td>Feb 8, Mar 7, 21 &amp; 28</td>
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Attendance

All students are expected to attend all classes and four tutorials, and to come prepared to discuss the assigned weekly readings and topics. Attendance will not be recorded because grade performance will improve with participation.

Requirements

Participants should make sure to read the material listed on this syllabus and on BlackBoard site before the designated class time. Approximately four chapters from the assigned books will be required reading for each week of class. Discussions will refer to that material and will be easier to understand. Attention should be given to understanding theories and concepts presented.

BlackBoard site

Online communication (e-learning) will be used to facilitate course work and communication in the course. You will need to log into the UofT portal at https://portal.utoronto.ca to enter the BlackBoard Academic site dedicated to the course. The BlackBoard course website is the primary communication medium. Students are responsible for checking it regularly. University policy requires that students have a UofT email address and check it regularly. It is the only address to which official University business is sent.
Note that only students enrolled into this course on ROSI will see the course listed on their home page after login. The syllabus, course announcements, learning materials and any additional readings will be available in the Course Information and Course Documents area of the BlackBoard site. Lectures will not be posted to BlackBoard.

Accommodation for religious observances

Students wishing to observe religious holy days that conflict with the above course schedule should contact the Instructor, who will reasonably accommodate following University of Toronto guidelines at: http://www.viceprovoststudents.utoronto.ca/publicationsandpolicies/guidelines/religiousobservances.htm

Rights and Responsibilities of Students

These are established for all University of Toronto students and described at the following link: http://www.viceprovoststudents.utoronto.ca/publicationsandpolicies/rights-and-responsibilities.htm

Grading

The grading scheme follows current University of Toronto Grading Practices Policy available at: http://www.governingcouncil.utoronto.ca/policies.htm

The final grade will be calculated as follows, with further details below:

10% - Tutorial attendance and participation.

20% - Term test 1: Score on in-class, objective (i.e. “multiple choice”) test.

25% - Mid Term Exam: Score on in-class, objective (i.e. “multiple choice”).

20% - Term test 2: Score on in-class, objective (i.e. “multiple choice”) test

25% - Comprehensive Final Exam; 15% will be “multiple choice” and 10% written responses.

Tutorial attendance and participation will be evaluated on:

1. Frequency of participation in discussion (4%)
2. Appropriateness (relevance, professionalism, respect for other opinions: 2%)
3. Scholarly effort evidenced (bringing theory and data to bear on points discussed: 4%)

There are TWO term tests each worth 20% and TWO exams worth 25%. The format is multiple choice. At each test/exam, we will generate random sets of tests that present the questions in a different order. Conduct during tests will follow University of Toronto Exams Office guidelines:

- No unauthorized aids in the exam room, including cell phones.
- All books, bags, etc to be left to the side of the room or under desks, not in or on desks.
- No unaccompanied washroom breaks.
- No leaving the exam room during the interval before the end of the exam.
- No writing beyond the signal to stop.
- Bring tests forward to the invigilator if you finish before the allocated test time.
- Waiting to have tests picked up from your row at the end of the allocated test time.
ACADEMIC INTEGRITY

The University of Toronto policies on academic integrity are available at:

http://www.viceprovoststudents.utoronto.ca/publicationsandpolicies/academicintegrity.htm

You must comply with The University of Toronto's Code of Behaviour on Academic Matters:

http://www.governingcouncil.utoronto.ca/policies/behaveac.htm

Students are directed to specific guidance on avoiding plagiarism available at:

http://www.writing.utoronto.ca/advice/using-sources

The Academic Integrity Office has provided the following statement about plagiarism:

"The University of Toronto treats cases of academic misconduct very seriously. Academic integrity is a fundamental value of learning and scholarship at the UofT. Participating honestly, respectfully, and fairly in this academic community ensures that the UofT degree that you earn will be valued and respected as a true signifier of your individual academic achievement.

The University of Toronto's Code of Behaviour on Academic Matters (http://www.governingcouncil.utoronto.ca/policies/behaveac.htm) outlines the behaviours that constitute academic misconduct, the processes for addressing academic offences, and the penalties that may be imposed. You are expected to be familiar with the contents of this document. Potential offences include, but are not limited to:

In papers and assignments:
- Using someone else's ideas or words without appropriate acknowledgement.
- Submitting your own work in more than one course without the permission of the instructor.
- Making up sources or facts.
- Obtaining or providing unauthorized assistance on any assignment (this includes working in groups on assignments that are supposed to be individual work).

On tests and exams:
- Using or possessing any unauthorized aid, including a cell phone.
- Looking at someone else's answers.
- Letting someone else look at your answers.
- Misrepresenting your identity.
- Submitting an altered test for re-grading.

Misrepresentation:
- Falsifying or altering any documentation required by the University, including (but not limited to) doctor's notes.
- Falsifying institutional documents or grades.

All suspected cases of academic dishonesty will be investigated following the procedures outlined in the Code of Behaviour on Academic Matters. If you have any questions about what is or is not permitted in this course, you should contact the Instructor. If you have questions about appropriate research and citation methods, you are expected to seek out additional information from the Instructor, the TAs or other available campus resources like the College Writing Centers the Academic Success Centre, or the U of T Writing Website."