

Archaeology 595
Problems in Paleopathology and Paleonutrition
The Department of Anthropology and Archaeology
Winter 2017

Instructor: Kim Edwards

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Lectures: MWF 12:00 - 12:50pm in SS 117

Office Hours: Wednesday 1:00 – 2:00 pm in ES 744

Course Objectives

The goal of this seminar course is to develop an understanding of the role of diet and disease in both modern and past human populations. We will explore the historical and theoretical underpinnings of paleopathology and paleonutrition, and the valuable information regarding diet, disease, and trauma that can be learned from studying the human skeleton. Paleopathology and paleonutrition will ultimately be discussed under the framework of human adaptation, from behavioural to genetic, and the co-evolution of disease and human populations.

Readings and Required Texts

- Roberts C and Manchester K. 2005. *The Archaeology of Disease* (3rd Edition). Cornell University Press: Ithica.
- Grauer AL (ed). 2012. *A Companion to Paleopathology*. Blackwell: New Jersey.
(This book is available online through the University of Calgary Library catalogue.)
- Additional readings, as indicated in the Course Reading List (posted to D2L). Most articles can be obtained online through the University of Calgary library website. Articles from book chapters not available online will be made available as photocopies and held on reserve at the Taylor Family Digital Library.

Evaluation

Assignment	Mark	Due Date
Differential Diagnosis	10%	Friday, February 3 (In Class)
Journal Article Review	15%	Monday, March 6 (In Class)
Group Presentation	20%	TBD
Poster	30%	Wednesday, April 12 (Midnight)
Discussion and Class Participation	25%	

Differential Diagnosis:

Students will diagnose a bony pathological lesion using a differential diagnosis procedure. Background information and photographs of the pathological lesion will be provided in class. Guidelines for the assignment will be posted on D2L.

Journal Article Review:

Students will critically evaluate a journal article from a selection of readings that will be provided. Guidelines for this assignment will be posted on D2L.

Group Presentation:

Groups consisting of 2-3 students will lead 2 classes during the semester. Leading class entails presenting the material assigned for that date, either through a PowerPoint presentation or another type of group activity, as well as leading discussion of the readings assigned in the Course Reading List in the following class. Groups will also be responsible for choosing one additional reading on their topic, which must be approved by the instructor at least **one week** in advance of the group presentation date. Presentation materials will also need to be approved by the instructor **3 days** in advance of the group presentation (i.e. If you present on Monday, the presentation materials will need to be approved on the Friday prior)

Poster:

Students will create an academic poster based on a topic of their choice. Guidelines for this assignment will be posted on D2L.

Discussion/Class Participation:

As this is a seminar course, attendance and active participation in class are imperative for critical analysis of the course material and for overall student success. As such, students will be evaluated on class participation. Please note that evaluation will not depend solely on the quantity of participation but also the quality of discussion. Participation marks are calculated for **each** class as follows:

0 = does not participate

2 = contributes to discussion

1 = minimal participation

3 = insightful questions and contributions to discussion

There will also be an in-class assignment for the Meet with the Librarian date that will count as 5% of your final mark as included in the discussion/participation mark.

Late/Missed Assignments:

Students must provide advance notice if unable to complete an assignment by the due date. Requests to submit an assignment after the due date must be accompanied by written documentation, as outlined in the University Calendar.

Grading

Letter Grade	Percentage Range	Letter Grade	Percentage Range
A+	95 or above	C+	68 – 72.9
A	90 – 94.9	C	64 – 67.9
A-	85 – 89.9	C -	59 – 63.9
B+	81 – 84.9	D+	54 – 58.9
B	77 – 80.9	D	50 – 53.9
B-	73 – 76.9	F	49.9 or below

Communication and Email Policy

Students are encouraged to take advantage of the instructor's office hours to address any questions or concerns that they may have regarding the course. This is also a wonderful opportunity to discuss concepts and ideas that are covered in class.

The best way to contact the instructor is through email. I will do my best to answer emails within 48 hours upon receipt within standard business days and hours. Also, note that I will not answer emails related to assignments that are due within 24 hours. Please manage your time accordingly and address concerns well in advance of the due date.

ACADEMIC ACCOMMODATIONS

<http://www.ucalgary.ca/access/accommodations/policy>

Students needing an Accommodation because of a Disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities

Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to "(Instructor) (Associate Dean) (Department Head) (other designated person)"

ACADEMIC INTEGRITY

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Calgary is a strong signal of each student's individual academic achievements. As a result, the University treats cases of cheating and plagiarism very seriously. For

detailed information on what constitutes academic misconduct, please refer to the following link:
<http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

All suspected cases of academic dishonesty will be investigated following procedures outlined in the University Calendar. If you have questions or concerns about what constitutes appropriate academic behavior or appropriate research and citation methods, you are expected to seek out additional information on academic integrity from your instructor or from other institutional resources.

TEACHING EVALUATIONS / USRI (Universal Student Ratings of Instruction)

At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses. **Your responses make a difference, please participate!**
Website: <http://www.ucalgary.ca/usri/>

Writing Across the Curriculum: Writing skills are not exclusive to English courses and, in fact, should cross all disciplines. The University supports the belief that throughout their University careers, students should be taught how to write well so that when they graduate their writing abilities will be far above the minimal standards required at entrance. Consistent with this belief, students are expected to do a substantial amount of writing in their University courses and, where appropriate, instructors can and may use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Centre in the Effective Writing Office can be utilized by all undergraduate and graduate students who feel they require further assistance.

Emergency Evacuation Assembly Points: In the event of an emergency that requires evacuation, please refer to the following link to become familiar with the assembly points for the class:
<http://www.ucalgary.ca/emergencyplan/assemblypoints>

Freedom of Information and Protection of Privacy Act:

The University of Calgary is committed to protecting the privacy of individuals who work and study at the University or who otherwise interact with the University in accordance with the standards set out in the Freedom of Information and Protection of Privacy Act. Please refer to the following link for detailed information: <http://www.ucalgary.ca/legalservices/foip>

The Department of Anthropology and Archaeology's FOIP (Freedom of Information and Privacy) policy requires all reports/examinations to be returned to students during class time or the instructor's office hours. Any term work not picked up will be placed in the Anthropology and Archaeology Office (ES620) for distribution. Any student not wishing to have their work placed in the office must make alternative arrangements with the course instructor early in the term.

Safewalk Information: Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day to any location on Campus including the LRT, parking lots, bus zones and University residences. Contact Campus Security at (403) 220-5333 or use a help phone, and Safewalkers or a Campus Security Officer will accompany you to your campus destination.

Faculty of Arts Program Advising and Student Information Resources: Have a question, but not sure where to start? Arts Students' Centre

The Faculty of Arts Students' Centre is the overall headquarters for undergraduate programs in the Faculty of Arts. The key objective of this office is to connect students with whatever academic assistance that they require.

In addition to housing the Associate Dean, Undergraduate Programs and Student Affairs and the Associate Dean for Teaching and Learning, the Arts Students' Centre is the specific home to:

- program advising
- the Faculty's Co-operative Education Program
- the Arts and Science Honours Academy
- the Faculty's Interdisciplinary Programs
- a Student Help Desk

Location: Social Sciences Room 102

Phone: 403.220.3580

Email: ascarts@ucalgary.ca

Website: arts.ucalgary.ca/undergraduate/

For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block.

Contacts for Students Union Representatives for the Faculty of Arts:

arts1@su.ucalgary.ca

arts2@su.ucalgary.ca

arts3@su.ucalgary.ca

arts4@su.ucalgary.ca