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ANTY 513.01: Seminar - Bioarchaeology & Skeletal Biology

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ANTY 513

Graduate Seminar in Bioarchaeology

Spring 2019

Course Details:

Dr. Kirsten Green Mink

Email: kirsten.green@umontana.edu

Office: SS 217

Office Hours: Wed. 10:00-12:00 & 1:00-2:00pm, or by appointment

Class Meetings: Wednesdays @ 2:00-4:50pm, SS 252



Course Texts: Biological Anthropology of the Human Skeleton, 2nd ed. Ed's: MA Katzenburg & SR Saunders. 2008. Wiley Press.

Other Course Material: Additional course material may include pdf articles or scanned chapters from other books. These will be made available to everyone via the Moodle page for this class.

Course Description:

This course is designed to delve deeper into the world of Bioarchaeology! This includes previous research, the big names in bioarchaeology, the theories that lead to our research questions, and how we can contribute to the future of bioarchaeology. This course will be individually focused where each student will choose a topic of their choice to pursue for the semester. They will write a proposal, present on research, conduct analyses, and discuss their findings with the class. Students are also asked to give feedback to each other in a respectful and constructive way during class periods.

This class will require several presentations by each student on their project of choice. These presentations will include a power-point presentation and assigned readings for the class given at least one week prior to scheduled presentation date. The goal of this class is to conduct a bioarchaeological research project from creation to completion, or to aid in a current thesis or dissertation project. All assigned readings must be done BEFORE class in order to facilitate useful discussion.

Course Objectives:

- Create a bioarchaeological project, or a project with a bioarch aspect
- Create a proposal for your project – this will hopefully be your MA thesis or something that contributes to it.
- Present data and statistics used for your project & lead discussion topics on your areas of interest
- Be able to intelligently discuss with classmate's project outcomes (both yours and other students)
- Be well informed on previous research, theoretical bases, and future trends in bioarchaeology.

Presentations:

First Presentation: Project Idea – informal roundtable where we discuss each person's project idea. The goal is for each student to get constructive feedback on their project in order to pursue that chosen line of study. Each project will need to have a readily accessible dataset in order for statistics to be run.

Second Presentation: Research Questions & Broader Impacts – This presentation will be a powerpoint presentation in front of the class not to exceed 15mins. Each student will have 10mins to present their research questions and broader impacts for their project, and then another 5mins for questions.

- The student will also turn in a typed document with their research questions and broader impacts.

- 20 points

Third Presentation: Preliminary Analysis – This presentation will be a powerpoint presentation in front of the class not to exceed 30mins. Each student will have 30mins to present their materials and methods and the preliminary findings for their statistics. Then another 10mins for questions. This presentation will include the preliminary findings for their data set/project, explanation of the statistics chosen for the project, and will include one article for the class to read for discussion.

- Students will assign an article and email a pdf to the instructor 1 week prior to presentation.
- 40 points

Final Presentation: Final Project – This presentation will be a powerpoint presentation in front of the class not to exceed 45min. Each student will have 40mins to present their final project including their research questions, broader impacts, materials, methods, results, and findings. Then 5min for questions and discussion.

- 60 points

Final Paper – This paper is to be turned in at our Finals Party Monday 4/29 at 3:30pm. The final paper should be a cumulation of the semesters work that includes and introduction, research questions, broader impacts, materials, methods, analysis (including graphs and stat outputs), discussion, and works cited sections. The paper will be double spaced, minimum 7 pages (can be more!) in AJPA format. AJPA author guidelines will be on Moodle.

- 80 points

Missed/Late Assignments

Late and/or missed assignments will not be accepted. If you have a legitimate reason (i.e. death in the family, hospital stay, etc...) for missing a presentation you may contact me to discuss reasonable accommodation and provide a doctor's note. If you know in advance that a presentation date will not work for you please let me know a.s.a.p so we can reschedule you.

There will be no retroactive grade changes.

Academic Conduct

With regard to academic dishonesty, this class has a zero-tolerance policy and will promptly deal with any acts of academic dishonesty (cheating, plagiarism, or unauthorized help on assignments, etc.) according to university policy. For further information on what falls into these categories see: http://life.umt.edu/vpsa/student_conduct.php. If you have questions or concerns, please feel free to contact your professor.

Students with Disabilities

Students with disabilities may request reasonable modifications by contacting me. The University of Montana assures equal access to instruction for students with disabilities in collaboration with instructors and Disability Services for Students, which is located in Lommasson Center 154. The University does not permit fundamental alterations of academic standards or retroactive modifications.

Course Schedule & Readings

Bio Anth – Katzenburg & Saunders 2008

Moodle – reading uploaded onto Moodle

Student – Reading assigned by the student leading discussion, may be uploaded to Moodle or from class text

Week/Date	Topic/Discussion	Reading
Week 2 – 1/16	Syllabus, Questions, Timeline, Project Ideas	Bio Anth - Ch. 1
Week 3 – 1/23	Bioarch creation story and ethics	Moodle – Knudson & Stojanowski, 2008
Week 4 – 1/30	7 presentations - Project Idea Roundtable Presentation #1	
Week 5 – 2/6	Types of Bioarch Research – Mortuary & Demographics Guest Lecture – Katie Jackson	Bio Anth – Ch. 11 & 18
Week 6 – 2/13	7 presentations - Research Questions & Broader Impacts - Presentation #2	
Week 7 – 2/20	Bioarch Statistics – SSRL 262, Chuck Harris (<i>must have your data set available</i>)	
Week 8 – 2/27	Types of Bioarch Research – Chemical & Molecular	Bio Anth – Ch. 13 & 15
Week 9 – 3/6	4 presentations – preliminary analysis Presentation #3	Students
Week 10 – 3/13	3 presentations – preliminary analysis Presentation #3	Students
Week 11 – 3/20	Bioarch Statistics - SSRL 262, Chuck Harris (<i>must have data mined and ready for analysis</i>)	
Week 12 – 3/27	CLASS CANCELED - SPRING BREAK	
Week 13 – 4/3	Guest Lectures – Rachel Summers	
Week 14 – 4/10	CLASS CANCELED – SAA's	
Week 15 – 4/17	3 presentations – Final Presentation Presentation #4	
Week 16 – 4/24	4 presentations – Final Presentation Presentation #4	
FINALS Monday 4/29 3:30	FINALS PARTY!!! 3:30-5:20pm Papers DUE! SS 250	