

NEANDERTHALS AND THE ICE AGE WORLD

ANTH 3375

INSTRUCTOR: Dr. Naomi Cleghorn
Dept. of Sociology and Anthropology
Office: University Hall 421
Lab (if you can't find me in my office): University Hall 468
Faculty Profile: <https://www.uta.edu/profiles/naomi-cleghorn>
Email: Cleghorn@uta.edu
Dept. of Sociology and Anthropology Phone: 817-272-2661
Office Hours: Mon/Weds/Fri 3 - 5pm, or by appointment (email me!)

CLASS MEETS: Monday, Wednesday, Friday, 10 - 10:50, in University Hall room 14

COURSE DESCRIPTION:

What was life like during the Pleistocene, and how do we know? In this course, we explore the archaeological record and recent research on the physical and social environment of Neanderthals, early modern humans, and their contemporaries. We address topics ranging from new genetic and isotopic analyses, to the origins of art and symbolism.

Despite the esoteric nature of the evidence, Neanderthals and the Paleolithic era have long captured the imagination of the non-scientists, and have inspired artists, authors, and filmmakers. Our class also explores the ways in which art and science have informed and influenced each other, and how the Paleolithic is imagined and even used in modern society.

The course format is primarily lecture and discussion, with at least one in-class lab. Lectures will follow topics shown on the schedule below and the Churchill textbook. In addition, we will read 2 popular science texts and 2 novels, all of which deal with various ideas about Neanderthal extinction and their interactions with early humans. Students will produce essays related to these texts, identifying and evaluating the major arguments advanced by each author. There is also an opportunity to participate in some replication of Paleolithic technologies.

STUDENT LEARNING OUTCOMES:

Upon completion of the course, students are able to:

- Explain the behavioral and anatomical adaptations of Neanderthals and how these differ from those of Early Modern Humans.
- Describe the current state of scientific knowledge about Late Pleistocene hominin society.
- Summarize a variety of competing arguments explaining the causes for Neanderthal disappearance.
- Critically evaluate depictions of Paleolithic society in fiction and popular science formats.

REQUIRED TEXTS: The following texts will be supplemented by a few additional readings posted to Blackboard.

Core Textbook:

Thin on the Ground: Neandertal Biology, Archaeology, and Ecology
by Steven Churchill (2014)

Popular Science Summaries:

Neanderthal Man: In Search of Lost Genomes by Svante Pääbo (2014)
The Invaders by Pat Shipman (2015)

Novels:

The Inheritors by William Golding (1955)
Dance of the Tiger by Björn Kurtén (1980)

Excerpts from the following texts: (I will supply these)

The Paleolithic Origins of Human Burial by Paul Pettitt, 2011
The Humans Who Went Extinct by Clive Finlayson, 2009
Cro-Magnon by Brian Fagan, 2010

REQUIREMENTS / GRADING:

GRADING SCALE:

Grades for assignments and tests are posted to Blackboard as soon as possible. It is your responsibility to track your progress and determine that grades have been entered correctly to Blackboard. If you find a discrepancy, contact me immediately.

Your total course grade will be determined based on the following scale.

90% and greater	A
80% to 89%	B
70% to 79%	C
60% to 69%	D
Less than 60%	F

* A .5% is rounded to next higher grade.

You will be graded on multiple assignments and quizzes. These can be broken down into the categories detailed below. The value of each grade category is given as a percentage of the total grade. In addition to providing grades for individual assignments, I provide (via

Blackboard) a summary grade for each of these categories (for example - "Quiz grade"). You can use these summaries to figure out how you are doing.

Requirement	% of Course Grade
3 Essays	45%
~ 13 Quizzes	40%
1 Final Project	15%

COURSE REQUIREMENTS DETAILS:

- **3 Essays (15% each, 45% total):** Essays are about 1500 to 2000 words in length and must incorporate relevant information from class lecture as well as from the related required texts. **Essay 1 on genomics** should discuss current advances in paleogenetics within the context of Svante Pääbo's book. **Essay 2 on extinction hypotheses** should examine the wide range of these hypotheses, provide some evaluation of their relative strength, and incorporate a discussion of Shipman's and Churchill's ideas as described in each of those texts. **Essay 3** should be a thoughtful evaluation of how Neanderthals are incorporated into popular culture, and the dialectic between popular culture and science. This last essay should specifically reference the two assigned novels (Golding and Kurtén) and the fictional film (Quest for Fire) shown in class.
- **Reading / Lecture Quizzes (about 13 quizzes, 40% total):** On most Fridays, I will give a quiz at the beginning of class that will cover reading and lecture topics from the week. I will often provide advance information on the specific information that will be addressed in the quiz. I usually only provide this information in class (not by email). I will drop the lowest 2 quiz grades automatically. Blackboard will calculate this automatically as your overall quiz grade.
- **Final Project (15%):** The final project is a creative, but scientifically accurate interpretation of the major points of the course - Neanderthal biology, behavior, environment, and extinction. The creative work **must be accompanied by annotation**, explaining how the work portrays specific scientific ideas. There are several forms this project could take, including, but not limited to the following:
 - A short fiction story (~1500 - 2000 words). Note - this length does not include the annotation.
 - A game (board, card, RPG, or electronic). This also requires additional detailed annotation.
 - A Trip-Advisor or Travel Guide for a grand tour of at least 6 Neanderthal sites. The format for this will be discussed in class. At least 2 of the sites must have had new excavations and publications within the last 5 years. Note: you must submit your list of sites in advance, and only one of your sites can overlap with

another student's sites. Your guide will need to showcase the major course points, and will also require annotation pointing out how you did this.

You will present your Final Project to the class during the final exam period. This presentation will form a small component of the Project grade.

- **On-line Plagiarism Tutorial:** **You must complete the tutorial to get credit for all written assignments** - failing to do so could result in late submission penalties. If you violate the standards of academic integrity described on the Office of Student Conduct site, and in the tutorial, **you will fail the course.**

Go to the web site of the Office of Student Conduct:



(<http://www.uta.edu/conduct/academic-integrity/index.php>)

Review the UTA policies on Academic Integrity.

Click on the link to the Plagiarism Tutorial.

You must pass this with a score of 100% in order to get credit for the tutorial (the site itself will tell you that 70% is passing, but we have higher expectations in anthropology). You

may take the tutorial as many times as you require to achieve 100% accuracy. At the conclusion of a successful test, you **must email** your results to me - I will not give you credit unless I receive the email from the test.

Reading and Lecture Schedule (Subject to Revision):

Week	Dates	Topic	Core Reading (May be supplemented)
0	Aug. 25 th	Introduction to the Course & Neanderthal Overview	Churchill ch. 1
1	Aug. 28 th - Sep 1 st	History of Ice Age Research & Time Frames / Climate	Stringer ch 1 & 2
2	Sept. 6 th & 8 th	Middle Pleistocene Antecedents in Africa, Asia, and Europe	Churchill, ch. 2
3	Sept. 11 th - 15 th	Neanderthal Anatomy Neanderthal Anatomy Lab, UH 468	Churchill, ch. 2 & 4
4	Sept. 18 th - 22 nd	Material Culture of the Paleolithic	Churchill, ch. 3
5	Sept. 25 th - 29 th	Neanderthal Landscapes & The Mammoth Steppe	Churchill, ch. 6

6	Oct. 2 nd - 6 th	Neanderthal Diet & Predation Strategies	Churchill, ch. 7 & 8
7	Oct. 9 th - 13 th	Neanderthals and the Carnivore Guild Neanderthal mobility and activity	Churchill, Ch 9 Churchill, Ch. 10
8	Oct. 16 th - 20 th	Film: Decoding Neanderthals Ancient DNA	Pääbo + current articles
9	Oct. 23 rd - 27 th	Ancient DNA Continued Neanderthal Society / Demographics	Pääbo Churchill, ch. 11
10	Oct. 30 th - Nov. 3 rd	Neanderthal Burials The Upper Paleolithic "Revolution" and the Middle Stone Age of Africa	Pettitt ch 5 Churchill, ch. 12
11	Nov. 6 th - 10 th	The Invasion of Europe Upper Paleolithic innovations in Eurasia	Finlayson ch 6 & 7 Shipman Hoffecker (2005)
12	Nov. 13 th - 17 th	Cave of Forgotten Dreams Art, Symbols, and Gender in the Paleolithic	Fagan ch 7 & 8 Fagan ch 9, 10 & 11
13	Nov. 20 th - 22 nd	Independent Study Week	
14	Nov. 27 th - Dec. 1 st	The Paleolithic in fiction and film Film: Quest for Fire	Golding
15	Dec. 4 th - 6 th	Summary discussion of extinction hypotheses & Atlatl Day!	Kurtén

IMPORTANT DATES:

GRADED ASSIGNMENTS	Due Date / Test Date	Grade %
Plagiarism Quiz	September 1 st	Required for all other grades
Essay - Neanderthal Genomics	October 27 th	15
Essay - Extinctions Hypotheses	November 17 th	15
Essay - Neanderthals in fiction	December 4 th	15
Present Final Project	Monday, December 11 th 8 am - 10:30 pm	20

RECOMMENDATION REQUEST POLICY:

If you plan to ask me for a recommendation for employment, graduate school, or any other endeavor upon completion of this course, note that I have the following minimum requirements:

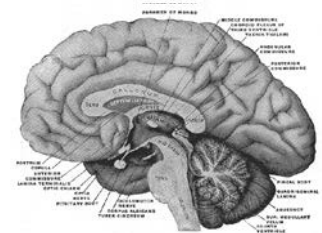
- Grade of A or B
(depending on the scholarly requirements of the recommendation).
- Excellent attendance and participation in class.
- Minimum 2 weeks prior to deadline for letter submission
- Provide me with a CV, details of the application, and explain why it is important to you.

COURSE POLICIES

(including the policies of the Vice Provost for Academic Affairs):

1. ACADEMIC INTEGRITY POLICY:

**Make sure all your work is the product of
YOUR BRAIN!**



As a student of the University of Texas at Arlington, you are expected to maintain the highest standards of academic integrity. Any instance of academic dishonesty will have a significant negative impact on your scholastic record, not to mention your grade in this class.

Discipline may include a failing grade for the class together with either suspension or expulsion from the University of Texas. Also, academic misconduct will be reported to the Office of Student Conduct.

I am not kidding and I have no tolerance for even "small" amounts of cheating or plagiarism. To avoid doing this "accidentally," never cut and paste from anything you didn't write.

From the Provost: "The Board of Regents has defined academic dishonesty as follows: "Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Series 50101, Section 2.2)." All students enrolled in this course are expected to adhere to the UT Arlington Honor Code:

I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

"UT Arlington faculty members may employ the Honor Code in their courses by having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System Regents' Rule 50101, §2.2, suspected violations of university's standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student's suspension or expulsion from the University. Additional information is available at <https://www.uta.edu/conduct/>."

2. LATE WORK POLICY:

Assignments are graded down 10% of their value per day after the due date.

3. MAKE-UP QUIZ POLICY:

There are no make-up quizzes!

If you miss one of the quizzes, take comfort in the fact that I drop the 2 lowest of these, and they are not individually worth a lot.

4. ATTENDANCE POLICY: Be there on time!

Attendance and punctuality are expected, and there will be a sign-in sheet. Walking in late is rude and distracting - don't do it! Students who are late, absent, or *unconscious* on multiple occasions will most likely lose points on their overall grade. Your attendance rate will figure into any discussions of your final course grade and will be relevant to requests for recommendations.

The Provost's Office would like me to add: "At The University of Texas at Arlington, taking attendance is not required but attendance is a critical indicator in student success. Each faculty member is free to develop his or her own methods of evaluating students' academic performance, which includes establishing course-specific policies on attendance. However, while UT Arlington does not require instructors to take attendance in their courses, the U.S. Department of Education requires that the University have a mechanism in place to mark when Federal Student Aid recipients "begin attendance in a course." UT Arlington instructors will report when students begin attendance in a course as part of the final grading process.

Specifically, when assigning a student a grade of F, faculty report the last date a student attended their class based on evidence such as a test, participation in a class project or presentation, or an engagement online via Blackboard. This date is reported to the Department of Education for federal financial aid recipients."

5. ELECTRONIC COMMUNICATION POLICY:

I expect you to check your UTA email daily during the week!

A note from the Provost:

"UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at <http://www.uta.edu/oit/cs/email/mavmail.php>."

To obtain your NetID or for logon assistance, visit:

<https://webapps.uta.edu/oit/selfservice/>.

If you are unable to resolve your issue from the Self-Service website, contact the Helpdesk at helpdesk@uta.edu.



6. BLACKBOARD POLICY:

I use Blackboard A LOT. **Check it often** for assignments, instructions, announcements, and to monitor your progress.

7. ELECTRONIC DEVICE POLICY:

From my perspective, when I lecture I am in a conversation

with you. Granted, I tend to do much of the talking, but it is a conversation, nevertheless. When you start texting in the middle of lecture, it is exactly as if you were texting in the middle of a one-on-one conversation with me - which is both rude and really distracting. So do not even have your cell phone out in class. If you need to leave it on vibrate for emergency calls, discuss this with me before class.

I also do not allow laptops in lecture - unless you have a special **waiver from the Office for Students with Disabilities**.

8. NON-DISCRIMINATION & TITLE IX POLICY:

As stated by the Provost's Office:

"The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit uta.edu/eos."

"The University of Texas at Arlington ("University") is committed to maintaining a learning and working environment that is free from discrimination based on sex in accordance with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act (SaVE Act). Sexual misconduct is a form of sex discrimination and will not be tolerated. For information regarding Title IX, visit www.uta.edu/titleIX or contact Ms. Jean Hood, Vice President and Title IX Coordinator at (817) 272-7091 or jmhood@uta.edu."

9. DROP POLICY:

The last day to drop a class is November 1st, by 4 pm.

The Provost's Office states:

"Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period (**Late Registration Ends August 30th**). After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (<http://www.uta.edu/aao/fao/>)."

10. AMERICANS WITH DISABILITIES ACT POLICY:

Contact me early in the semester.

All tests taken in the ARC need to be scheduled well in advance.

Please inform me if you have a disability requiring special consideration for classes and assessments, and provide me with the relevant paperwork during the first two weeks of class. If you need to take any quizzes in the Office for Students with Disabilities (UH 102), please note that these must be scheduled with both the instructor and that office at least a week in advance. It is possible (and preferable) to set up this schedule near the beginning of the semester.

The University's policy as stated by the Provost is as follows:

UT Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including The Americans with Disabilities Act (ADA), The Americans with Disabilities Amendments Act (ADAAA), and Section 504 of the Rehabilitation Act. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the Office for Students with Disabilities (OSD). Only those students who have officially documented a need for an accommodation will have their request honored. Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting:

The Office for Students with Disabilities, (OSD) www.uta.edu/disability or calling 817-272-3364. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability.

Counseling and Psychological Services (CAPS) www.uta.edu/caps/ or calling 817-272-3671 is also available to all students to help increase their understanding of personal issues, address mental and behavioral health problems and make positive changes in their lives.

11. STUDENT FEEDBACK SURVEY

Please fill out the feedback survey!!

The Provost adds: "At the end of each term, students enrolled in face-to-face and online classes categorized as "lecture," "seminar," or "laboratory" are directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student's feedback via the SFS database is aggregated with that of other students enrolled in the course. Students' anonymity will be protected to the extent that the law allows. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback is required by state law and aggregate results are posted online. Data from SFS is also used for faculty and program evaluations. For more information, visit <http://www.uta.edu/sfs>."

12. FINAL REVIEW WEEK POLICY

As stated by the Provost's Office: "for semester-long courses, a period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabus. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate."

13. EMERGENCY EXIT PROCEDURES:

Know your exit routes!

To reach these, exit the room, turn either left or right, continue up the short set of steps, and through glass doors to the outside. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist mobility-impaired individuals.

14. **CAMPUS CARRY:** From the Provost: "Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. Under the new law, openly carrying handguns is not allowed on college campuses. For more information, visit <http://www.uta.edu/news/info/campus-carry/>"

COURSE SUPPORT SERVICES (Get Help – Get a better grade!)



OFFICE HOURS

Come see me if you are having trouble with the class. If you cannot come to my office hours, email me to make an appointment.

PRIVATE TUTORING

The IDEAS Center (2nd Floor of Central Library) offers free tutoring to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. To schedule an appointment with a peer tutor or mentor email IDEAS@uta.edu or call (817) 272-6593.

WRITING SUPPORT:

Having trouble with that essay? **Get help!**

Contact the UTA writing center on-line at: <http://www.uta.edu/owl/>

Not only will they give you advice on your work, they also have short workshops throughout the semester. Writing well is one of the most valuable skills you can acquire in college!

STUDENT SUPPORT SERVICES AVAILABLE:

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at: <http://www.uta.edu/universitycollege/resources/index.php>.