

**PREVIEW SYLLABUS - SUBJECT TO REVISION!**  
**Bioarchaeology: Human Remains in Archaeology**  
**ANTH / BIOL 4459.001 / ANTH / BIOL 4459.002 (lab)**  
**Spring 2019**

**INSTRUCTOR:** Dr. Naomi Cleghorn  
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Faculty Profile: <https://mentis.uta.edu/explore/profile/naomi-cleghorn>  
Department Phone: 817-272-2661 (email is a better way to contact me)  
Office Hours: Thursday 10 am - 1 pm  
(but please make an appointment, as I may step out to get lunch)

**CLASS MEETS:** Tuesday and Thursday 2:00 pm - 4:20 pm, University Hall 468



**COURSE DESCRIPTION:**

Bioarchaeology is the study of human remains from archaeological contexts. Bioarchaeologists attempt to reconstruct individual identity and life history (including growth and development, health, nutrition, work, migration, family affiliation, and cause of death). This is a method-oriented class that combines lecture and lab work.

**STUDENT LEARNING OUTCOMES:**

Upon completion of the course, students will be able to:

- Describe and apply basic techniques of life history reconstruction and individual identification.
- Identify a range of pathologies and traumas in human remains.
- Explain some of the current issues and debates in bioarchaeology.

**PREREQUISITES:**

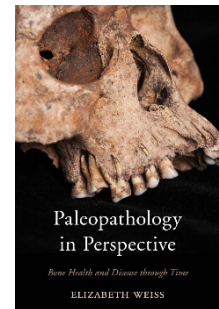
There are no formal prerequisites for this course. However, a familiarity with human osteology is very helpful. Students lacking this preparation should plan to spend additional time in independent study of the human skeleton. This is in addition to the typical time spent preparing for each class. If you have any questions about preparation, please contact the instructor.

## REQUIRED TEXTS: (4 BOOKS)

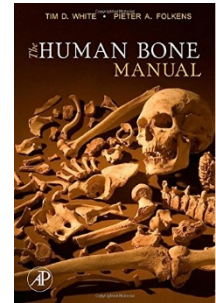
- The Archaeology of Human Bones, 2<sup>nd</sup> Edition, 2010  
By Simon Mays (\$16.55 to rent)



- Paleopathology in Perspective, 2015  
By Elizabeth Weiss (~\$40 - \$50 used)



- Any human osteology reference with good photos and labeled bone landmarks.  
I recommend: *The Human Bone Manual* by White and Folkens (\$18 to rent)
- Standards for Data Collection from Human Skeletal Remains, 1994  
By Jane Buikstra and Douglas Ubelaker (~\$55 used)



Note - this last one is usually not available through the bookstore. I suggest you buy it on-line. If you have difficulty obtaining this, I have a lab copy you can work with.

## REQUIREMENTS & EXPECTATIONS

### IMPORTANT DATES:

| Assignments & Assessments                            | Date   |
|--|--|
| Human Osteology Quiz                                 | January 26 <sup>th</sup>                     |
| 2 online quizzes                                     | Week 3 before February 1                     |
| 3 Annotated References & Plagiarism Quiz             | February 7 <sup>th</sup>                     |
| 3 Annotated References                               | February 14 <sup>th</sup>                    |
| Age & Sex Lab Completed                              | February 19 <sup>th</sup>                    |
| 3 Annotated References                               | February 21 <sup>st</sup>                    |
| Craniometric & Stature Lab Completed                 | February 28 <sup>th</sup>                    |
| Midterm  | March 7 <sup>th</sup>                        |
| Dental Lab Completed                                 | April 4 <sup>th</sup>                        |
| Trauma Lab Completed                                 | April 11 <sup>th</sup>                       |
| Cemetery Lab Due                                     | April 25 <sup>th</sup>                       |
| Bioarchaeology / Forensic Anthropology Presentations | April 30 <sup>th</sup> & May 2 <sup>nd</sup> |
| Final Exam / Osteobiography Poster                   | May 7 <sup>th</sup> (2 - 4:30 pm)            |

## DETAILED REQUIREMENTS AND GRADE PERCENTAGES:

### **30% Lab Participation & Completion**

Over the course of the semester we will have 5 laboratory projects that will provide you with some practical analytical experience. These will include in-class, outdoor, and take-home analyses. In addition, there will be several graded quizzes (both in class and online). Each of these assignments is equally weighted, although they may require different amounts of time. Note that students who have passed a human osteology course are exempt from the lab participation grade of the first two weeks. However, they must still take the quiz.

The following is an approximate rubric for how laboratory participation and completion will be scored for each individual lab. I will not score the labs for accuracy - mastering the skill is your responsibility. However, the skills covered in lab will be included in both the midterm and final.

| Data collection activity<br>in lab | Completion<br>(final) |
|------------------------------------|-----------------------|
| Active (10)                        | Full (10)             |
| Moderate (5)                       | Partial (5)           |
| Minimal / Absent (1 - 0)           | Missing (0)           |

**20% Midterm exam:** Includes a written and practical component.

### **15% Osteobiography Poster:**

Each student (or group of up to 3 students) will prepare an osteobiography on one of the laboratory skeletons, providing an overall picture of that individual's age, sex, stature, health, evidence of trauma, pathology and any other details relevant to your skeleton. You will collect this information in conjunction with the associated labs. You will prepare a finished professional poster on your osteobiography, including photo documentation, and submit this in an electronic version by **April 19<sup>th</sup>**. The final printed version is due **May 2<sup>nd</sup>**. Posters can be printed for less than \$6 at the UTA Central Library. However, please note that printing at the end of the semester can take time, as many students do this. Get your electronic version into the library a week and a half in advance (or about April 19). If you fail to print, your grade will be reduced by 10% (of the poster grade).

### **15% Bioarchaeology / Forensic Anthropology Research Presentation:**

Each student will choose a research topic in the first 2 weeks of class, and will be expected to begin the research process early in the semester. Students will compile an annotated bibliography over the course of February (see related due dates for references), with a minimum of 9 scholarly sources (scholarly books or peer review journal article). Do not rely on web sources such as Wikipedia or similar sites -

these are not reliable, and will not count toward your references. Ask me if you are uncertain about a source. If you are unsure how to find such sources, contact me and/or the Anthropology Reference Librarian. When preparing your annotated bibliography please see the following link for guidance. <https://owl.english.purdue.edu/owl/resource/614/01/> . When researching and writing this presentation, I highly recommend Zotero (which is free). If you have not done this before, talk to me as soon as possible and I will give you a tutorial. Failing to use a reference manager in the preparation of your annotated bibliography or paper could impact your grade!

The final presentation will be about 10 minutes long, and will be due **April 30<sup>th</sup> or May 2<sup>nd</sup>**. Course grade values of each part of this assignment break down as follows: 7% annotated research bibliography, 8% presentation - including clarity of oral and slide presentation (these are out of the 15% of the whole, and are percentages of the total course grade).

**20% Final Exam:** This is cumulative (with an emphasis on the second half of the course) and includes both written and practical portions.

## **ATTENDANCE / PARTICIPATION:**

Attendance is voluntary, however, if there is a laboratory in progress, you will be graded on your participation as noted above.

## **RECOMMENDATION REQUESTS:**

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 both class and lab.
- Ask me for the request at least 2 weeks in advance.
- 

## **ONE MORE REQUIREMENT      -- Due February 7<sup>th</sup> --**

On-line Plagiarism Tutorial:

You must complete the tutorial to get credit for written work. I will not begin to grade these assignments until you have passed this quiz, and your assignment will incur late penalties as a result. Failure to complete this could result in complete loss of credit for some assignments.

~ALSO~

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. Be sure to read through the tutorial carefully!

- 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.

Please enter your first and last name when prompted by the test.

At the conclusion of a successful test, **you must have the test email your results to me** - I will not give you credit unless **I receive the email from the test**. I generally send out an email acknowledging receipt. If you don't get this within 3 days, check in with me.

If you've done this for me before, please do it again. Review never hurts.

## Grade Scale:

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

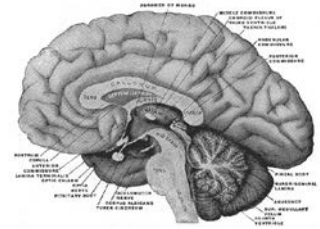
\* A .5% is rounded to next higher grade.

## COURSE POLICIES:

### 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.

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.***

From the Provost: “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 TEST POLICY:

There are no make-up exams or quizzes, with the exception of the final exam. If emergency circumstances prevent a student from taking the mid-term, those points will be re-distributed to the final exam (**making the final worth 40% of the grade**). This situation should be avoided at all costs, as it will result in a stressful end to the semester. If a student fails to take the final exam, they should contact the instructor immediately. A make-up test will be offered only in exceptional circumstances, and ***no make-up test will be offered in the event that the student also failed to take the mid-***

**term exam.** In the event that the instructor agrees to offer a make-up final exam, the student must agree to the schedule set by the instructor.

There are also **no make-up quizzes**. However, the **two lowest quiz grades** will automatically be dropped.

**4. ATTENDANCE POLICY:** Be there on time! Yes – I take attendance.

Attendance *and punctuality* are expected and monitored (see above). Walking in late is rude and distracting – don't do it! Students will be marked as absent if they enter the classroom after lecture has begun, or use a cell phone or any electronic communication device during class. If you leave early, I will also note this – unless you clear it with me first.

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 on communication: "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](mailto:helpdesk@uta.edu).

**6. BLACKBOARD POLICY:**

I use Blackboard for this course. Check it often for assignments, instructions, announcements, and to monitor your progress.

## **7. CLASSROOM 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's a conversation, nevertheless. When you start texting in the middle of lecture, it's 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 don't 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. During labs, you may use a tablet or laptop to reference digital anatomical sources or to take notes, and you may use your phone to take photos (although generally, this isn't a good use of time). You may not use lab time to check email, facebook, text, etc. This is a waste of the time you paid for.

## **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](http://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](http://www.uta.edu/titleIX) or contact Ms. Jean Hood, Vice President and Title IX Coordinator at (817) 272-7091 or [jmhood@uta.edu](mailto:jmhood@uta.edu)."

## **9. DROP POLICY:**

**The last day to drop a class is November 1<sup>st</sup>, 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. 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 if you need special accommodation.**

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

Note: This class format includes timed station quizzes. If you need special accommodation, we will need to work this out at the beginning of the semester as these quizzes must be taken in room 468.

Please inform me if you have a disability requiring special consideration for classes and exams, and provide me with the relevant paperwork during the first two weeks of class. If you need to take any tests or exams 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](http://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](http://www.uta.edu/disability).

Counseling and Psychological Services (CAPS) [www.uta.edu/caps/](http://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 the nearest stairwell, exit the room, turn right, go straight past the elevators, and turn left. Alternatively, there is another stairwell on the east end of the building (exit the room, turn left, continue to the end of the hall, turn right). 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're having trouble with the class. If you can't come to my office hours, email me to make an appointment.

## **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](mailto:IDEAS@uta.edu) or call (817) 272-6593.

### **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](mailto:resources@uta.edu), or view the information at <http://www.uta.edu/universitycollege/resources/index.php>.

University Tutorial & Supplemental Instruction (Ransom Hall 205): UTSI offers a variety of academic support services for undergraduate students, including: 60 minute one-on-one tutoring sessions, Start Strong Freshman tutoring program, and Supplemental Instruction. Office hours are Monday-Friday 8:00am-5:00pm. For more information visit [www.uta.edu/utsi](http://www.uta.edu/utsi) or call 817-272-2617.

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. Students can drop in, or check the schedule of available peer tutors at [www.uta.edu/IDEAS](http://www.uta.edu/IDEAS), or call (817) 272-6593.

The English Writing Center (411LIBR): The Writing Center offers FREE tutoring in 15-, 30-, 45-, and 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Register and make appointments online at <https://uta.mywconline.com>. Classroom visits, workshops, and specialized services for graduate students and faculty are also available. Please see [www.uta.edu/owl](http://www.uta.edu/owl) for detailed information on all our programs and services.

The Library's 2nd floor Academic Plaza offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the library's hours of operation. <http://library.uta.edu/academic-plaza>

**LIBRARY** [library.uta.edu](http://library.uta.edu)

## **RESOURCES FOR STUDENTS**

### **Research or General Library Help**

Academic Plaza Consultation Services [library.uta.edu/academic-plaza](http://library.uta.edu/academic-plaza)

Ask Us [ask.uta.edu/](http://ask.uta.edu/)

Library Tutorials [library.uta.edu/how-to](http://library.uta.edu/how-to)

Subject and Course Research Guides [libguides.uta.edu](http://libguides.uta.edu)

Librarians by Subject [library.uta.edu/subject-librarians](http://library.uta.edu/subject-librarians)

Research Coaches <http://libguides.uta.edu/researchcoach>

### **Resources**

A to Z List of Library Databases [libguides.uta.edu/az.php](http://libguides.uta.edu/az.php)

Course Reserves [pulse.uta.edu/vwebv/enterCourseReserve.do](http://pulse.uta.edu/vwebv/enterCourseReserve.do)

FabLab [fablab.uta.edu/](http://fablab.uta.edu/)

Scholarly Communications (info about digital humanities, data management, data visualization, copyright, open educational resources, open access publishing, and more) <http://library.uta.edu/scholcomm>

Special Collections [library.uta.edu/special-collections](http://library.uta.edu/special-collections)

Study Room Reservations [openroom.uta.edu/](http://openroom.uta.edu/)

### **Teaching & Learning Services for Faculty**

Copyright Consultation [library-sc@listserv.uta.edu](mailto:library-sc@listserv.uta.edu)

Course Research Guide Development, Andy Herzog [amherzog@uta.edu](mailto:amherzog@uta.edu) or your subject librarian

Data Visualization Instruction, Peace Ossom-Williamson [peace@uta.edu](mailto:peace@uta.edu)

Digital Humanities Instruction, Rafia Mirza [rafia@uta.edu](mailto:rafia@uta.edu)

Graduate Student Research Skills Instruction, Andy Herzog [amherzog@uta.edu](mailto:amherzog@uta.edu) or your subject librarian

Project or Problem-Based Instruction, Gretchen Trkay [gtrkay@uta.edu](mailto:gtrkay@uta.edu)

Undergraduate Research Skills Instruction, Gretchen Trkay [gtrkay@uta.edu](mailto:gtrkay@uta.edu) or your subject librarian.

### **OTHER RESOURCES**

Environmental Health & Safety (<http://www.uta.edu/ehsafety>)

# WHAT TO DO AND WHEN TO DO IT

(Subject to revision)

Readings should be **completed** by the beginning of class on the date given in the schedule.

Readings other than those from Mays, Buikstra & Ubelaker, or Weiss will be provided via Blackboard.

## Week 1:

January 15<sup>th</sup>: Introduction to Bioarchaeology  
Lab: Introduction to Human Osteological materials

January 17<sup>th</sup>: Osteology of the human skull  
Read: Mays chapter 1  
Review Human Osteology guide as needed (Chapter 7 & 8)

## Week 2:

January 22<sup>nd</sup>: Osteology of the post-cranial skeleton  
Read: Weiss pages 1 - 5  
Review Human Osteology guide as needed (Chapters 9 - 16)

January 24<sup>th</sup>: Osteology of the post-cranial skeleton  
Review Human Osteology guide as needed (Chapters 9 - 16)

|   |
|---|
| <b>Human Osteology Quiz - January 24<sup>th</sup></b> |
|---|

## Week 3: No lab this week. Class lectures via Blackboard.

January 28<sup>th</sup>: Bone Biology  
Read: White et al. chapter 4 in the Human Bone Manual, or chapter 3 in the Human Osteology guide (chapter on Bone Biology and Variation)

|  |
|--|
| After watching lecture take the Blackboard <b>quiz</b> on lecture and reading. |
|--|

January 31<sup>st</sup>: Humans after death: decay, preservation, and mortuary treatment  
Read: Mays chapter 2

|  |
|--|
| After watching lecture take the Blackboard <b>quiz</b> on lecture and reading. |
|--|

**Week 4:**

February 5<sup>th</sup>: Determining sex from the bones and dentition

Read: Mays chapter 3, pages 40 - 50,

Read: Buikstra & Ubelaker chapter 2, chapter 3 pages 15 - 21.

**Sex Laboratory**

February 7<sup>th</sup>: Determining age of adults

Read: Mays chapter 3, pages 59 - 71

Read: Buikstra & Ubelaker chapter 3, pages 21 - 38.

**Adult age Laboratory**

February 7<sup>th</sup>:

**3 Annotated References Due**

**Plagiarism Tutorial Due**

**Week 5:**

February 12<sup>th</sup>: Determining age of juveniles

Read: Mays chapter 3, pages 51 - 59

Read: Buikstra & Ubelaker chapter 4, see illustrations on pages 50 & 51

**Juvenile age Laboratory**

February 14<sup>th</sup>: Skull shape: Metric and Non-metric Variation in the Skull

Read: Mays chapter 4 & 6

Read: Buikstra & Ubelaker Chapter 7, pages 69 - 78, Chapter 8, pages 85 - 93

**Craniometric Lab**

February 14<sup>th</sup>:

**3 Annotated References Due**

**Week 6:**

February 19<sup>th</sup>: Stature Estimation

Read: Mays chapter 5

Read: Buikstra & Ubelaker Chapter 7, pages 79 - 84

**Stature Lab**

**Age & Sex Lab Completed - February 19<sup>th</sup>**

February 21<sup>st</sup>: Introduction to Paleopathology

General Bone Health

Read: Mays chapter 7, Weiss chapter 3, Buikstra & Ubelaker chapter 10

**Pathology Lab 1**

February 21<sup>st</sup>:

**3 Annotated References Due**

**Week 7:**

February 26<sup>th</sup>: Paleopathology of the spine and joints

Read: Weiss chapters 5 & 6

**Pathology Lab 2**

February 28<sup>th</sup>: Skeletal Pathology of Infectious Disease

Read: Weiss chapter 8

**Pathology lab 3**

**Craniometric and Stature Lab Completed - February 28<sup>th</sup>**

**Week 8:**

March 5<sup>th</sup>: Skeletal Pathology of Cancer and Congenital Disorders

Read: Weiss chapter chapter 9

Midterm review lab

**March 7<sup>th</sup>: Midterm Exam - practical and written**

**Week 9: -----SPRING BREAK!!!-----**

**Week 10:**

March 19<sup>th</sup> Adult and Juvenile Dentition Recording and Measurement  
Read: White et al., Chapter 8, Buikstra & Ubelaker chapter 6

**Dental Lab 1**

March 21<sup>st</sup>: Dental Health and Pathology  
Read: Mays chapter 8, Weiss chapter 7  
Read: Buikstra & Ubelaker chapters 5

**Dental Lab 2**

**Week 11:**

March 26<sup>th</sup>: Dental Health and Wear  
Read: Buikstra & Ubelaker chapter 5

**Dental Lab 3**

March 28<sup>th</sup>: Trauma and the skeleton  
Reading: Mays chapter 9, Weiss chapter 4

**Trauma Lab 1**

**Week 12:**

April 2<sup>nd</sup>: Trauma continued

**Trauma Lab 2**

April 4<sup>th</sup>: Childhood Injury  
Reading: Weiss chapter 4

**Dental Lab Completed - April 4<sup>th</sup>**

**Week 13: NO LAB THIS WEEK, Classes meet 2 to 3 pm.**

April 9<sup>th</sup>: Isotopic Analysis & DNA from archaeological contexts  
Guest Lecture: Elizabeth Nelson  
Read: Mays chapters 10 & 11

April 11<sup>th</sup>: Race concepts and the skeleton  
Guest Lecture: Dr. Shelley Smith  
Reading: TBA

**Trauma Lab Completed - April 11<sup>th</sup>**

**Week 14:**

April 16<sup>th</sup>: Space and Place of the Dead & Archaeological Contexts of Human Remains,  
Cremated remains  
Read: May chapter 12, Silverman 2002

**Cemetery Project! Day 1 (outdoors)**

April 18<sup>th</sup>: **Cemetery Project! Day 2 (outdoors - full class period)**

**Osteobiography Posters - electronic version Due April 19<sup>th</sup>**

**Week 15:**

April 23<sup>rd</sup>: Excavation and Curation of Human Remains  
Mays chapter 2  
Ethics, repatriation, and legal issues  
Reading: Mays chapter 13

April 25<sup>th</sup>: The Osteological Paradox -  
Final thoughts on understanding health in past and the importance of bioarchaeology for  
understanding human health today.  
Reading: See Blackboard

**Cemetery Project Completed - April 25<sup>th</sup>**

**Week 16<sup>th</sup>:**

April 30<sup>th</sup>: **Student Presentations**

May 2<sup>nd</sup>: **Student Presentations**

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| <p><b>Osteobiography Posters – print version Due May 2<sup>nd</sup></b></p> |
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**May 7<sup>th</sup> (Tuesday): Final Exam    ---    2 – 4:30 pm**