MUMMIES: LIFE AFTER DEATH

ANT4027W • Spring 2018

Department of Anthropology • College of Sciences • University of Central Florida

ANT4027 (0W59) Mummies: Life After Death Syllabus

Spring/2018 • 3.0 Credit Hours • Fully Online in Webcourses

Professor Contact

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Graduate Teaching Assistant (GTA) Contact

GTA: Samuel Martin
Office Hours: TBA
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University Catalogue Description

Cultural practices and beliefs surrounding death; the concerns cultures and humans have had throughout the ages about the body's decay after life, and their attempts to prevent decay and preserve bodies in a state as near to life as possible. PR: ANT2511 Human Species

Course Description

The fact that bodies decay after death has concerned humans throughout the ages. Many cultures have attempted to arrest this decay process, so that bodies are preserved in a state as near to life as possible, but naturally mummified bodies are also found around the world. In some cultures, the body is preserved and burial is delayed so the families can spend more time with their loved ones. Today, mummies are increasingly being studied to address questions about the health, social standing, and beliefs of the populations from whence they came. This course explores the reasons why people mummify bodies, the mechanisms by which they are preserved, and the lessons that they have for modern populations. We will also explore the various methods employed to study ancient mummies, and the information we can learn about past life ways from these preserved bodies. In this way, mummies do have a life after death!

Topics to be covered will include:

- Worldwide mortuary practices involving intentional preservation of the body (or body parts)
- Various methods used to preserve human and animal bodies
- How modern scientific techniques are used to understand the mummification process as well as ancient health and disease processes
- The global distribution of mummies around the world

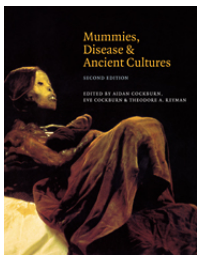
Course Learning Objectives

By the end of this course you will:

- Understand the mechanisms and purpose of anthropogenic mummification
- Understand the conditions in which we find naturally preserved mummies
- Assess the myriad of examples of mummies that can be found worldwide through time
- Examine analytical methods, research questions, and research findings in studying preserved remains
- Analyze the ethics of mummy research and museology (display) of mummies and human remains
- Formulate knowledgeable questions about the historical, cultural, and scientific aspects of mummies and mummification

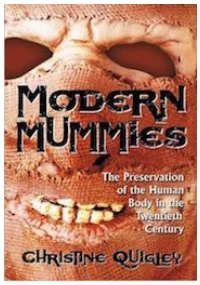
Required Texts

There are **two required textbooks** for this course. **You need both** to successfully complete this course. The textbooks are available for purchase in the UCF Bookstore and through various online vendors. You can probably find used copies online! I will also provide you with additional electronic readings (.pdf's) in the course modules. **All additional readings (each module has several outside your texts) are in the Introduction pages for each module!**



Mummies, Disease, and Ancient Cultures

Author: Aidan Cockburn, Eve Cockburn, Theodore A. Reyman, eds.
Publisher: Cambridge University Press
Year: 1998
ISBN: 0-521-58954-1 (paperback)



Modern Mummies: Preservation of the Human Body in the 20th Century

Author: Christine Quigley
Year: 2006
Publisher: McFarland
ISBN: 0786428511 (paperback)

Grading Scale

A	94-100%	B+	87-89%	C+	77-79%	D	60-69%
A-	90-93%	B	84-86%	C	70-76%	F	59% or below
		B-	80-83%				

Incomplete grades are only given in situations where unexpected and documented medical emergencies prevent a student enrolled in the course in good standing from completing the remaining work. Your professor is the final authority on whether you qualify for an incomplete. Incomplete work must be finished by the end of the subsequent semester or the 'I' grade will automatically be recorded as an 'F' on your transcript.

Student Evaluation

Your final grade for the course is weighted and will be based on your performance on the following:

Assignment	Percent	Description
Mummification Project	20%	A mummification project; yes, you will mummify something! And write about it!
Written Mummy Assignments (2)	20%	You will complete two of three written mummy assignments!
Quizzes (13)	20%	Module quizzes based on course materials; lowest quiz score will be dropped
Exams (3)	40%	Fill-in-the-blank, true/false, multiple choice, and short answer questions based on the posted readings, videos, and lectures

Mummification Project: You will complete a **mummification project** where you will mummify an apple using several different methods, collect quantitative and qualitative data on your observations, and write up a discussion of your findings as it relates to the course material. The Mummification Project is worth 20% of your final grade.

Mummy Assignments: You will complete **two of three written assignments** dealing with mummies and mummy research. More details about these assignments can be found by clicking on the Assignments button or looking in the Modules. Mummy Assignments are worth 20% of your final grade.

Quizzes: There are **14 quizzes** in this course. Each module has a quiz based on all the materials presented in that module. Quizzes are online and are made up of true/false, multiple choice, and fill-in-the-blank questions. The lowest quiz score is dropped. Quizzes are worth 20% of your final grade.

Exams: There are **three exams** in this course. Exams are **online** and are made up of true/false, multiple choice, short answer, and fill-in-the blank questions. There will be **no make-ups** for exams without proper documentation (this means a doctor's note, etc.). Once you begin an exam, **you must finish it!** The exams are timed so if you run over the allotted time, you will be cut off and you will not be able to make up the missed questions. **Important:** Once you start an exam, you have 2 hours (120 minutes) to complete it. Exams close at midnight, even if you are still taking it, so make sure you give yourself enough time to complete them (i.e., start taking them well before 10:00 pm on their respective due dates). Exams are worth 40% of your final grade. **The final exam is online and is scheduled during Final's Week. The final exam is not cumulative.**

Who Should Take an Online Course?

This is a fully online course! Online learning is not for everyone; some people may not be able to manage learning in a course that does not fully meet face-to-face. Online learning requires planning and disciplined self-pacing to be successful in this learning environment. I highly recommend treating this course like a regular face-to-face lecture course, as this will help in keeping up with the posted modules each week. So remember, **module content, assignments, and exams will be paced like a regular face-to-face course, so course content will be posted on a weekly basis**. Also, as long as you have an Internet connection, it won't matter if all the mummies re-animate and try to take over, you will still be able to complete your work!

All course content is posted online in the modules. The modules may consist of audio lectures, module pages, links to websites, podcasts, and/or videos. The modules contain materials to help you study the readings as well as information to help you complete your assignments. You are responsible for **all** material presented in Webcourses.

This course format requires you to have **reliable and consistent access to the Internet**. Lucky for you, there are computers available for your use all over campus. If you are doing a Study Abroad, make sure you will have reliable and consistent access to the Internet while you are abroad!!

To do well in this course, you will need to:

- Check Webcourses regularly and keep up with the modules
- Listen to all audio lectures and take notes
- Complete all readings, assignments, discussions, and exams by their due dates
- Review the Syllabus, Course Expectations and Course Protocols so you understand how the class will be run

This class is fully online so we will never meet in person. However, if you are on campus during my office hours, feel free to pop by and say hello! I may even let you smell a mummy! You will hear my disembodied voice on the posted audio lectures, sometimes it's nice to attach a face to the voice.

Don't Rely on the UCF Mobile App!!

The UCF Webcourses mobile app is great for some things but really NOT GREAT for most things. For one, it doesn't show you the full assignment list or the To Do list. Sometimes it doesn't show you Announcements. I would **not recommend** using the Mobile App to complete or upload any work, and I would **definitely not use it** to take any quiz or exam! You should be logging into your 'W' courses a few times a week, preferably on a laptop or desktop so you can see the full course and full list of assignments!

Course Requirements

This course begins on **MONDAY, JANUARY 8** and ends on **MONDAY, APRIL 23, 2018**. The **Final Exam (Exam 3)** is available during Final's Week, **WEDNESDAY, APRIL 25 to SUNDAY, APRIL 30, 2018.** Over the course of this semester, you will be expected to:

- review online content and additional readings outside of your textbooks
- complete the required online assignments
- complete module quizzes
- complete all online exams

Online lectures will introduce new materials, include discussions related to readings and module topics, and provide you with clarifications or additional information not found in your book. To be successful in this course, you will need to check Webcourses often, take notes, and keep up with the module quizzes. A large portion of your exams relates to materials covered in the modules.

Modules will open weekly and all quizzes, assignments, and exams are due on specific dates throughout the course (see schedule below). This is to provide you with a regularly paced online work environment. All quizzes, exams and assignments ***will be submitted online***.

Important Things

First and foremost, read this syllabus. The syllabus is your guide so that you can keep up with the scheduled readings, modules, and assignments. There are many due dates for assignments, so you have to stay on top of this as **no late work will be accepted**. Second, if you email me or your TA using your Knights account, include **ANT4027 or Mummies** in the subject heading and don’t forget to include your full name so we know who you are. Otherwise, use the Inbox function in Webcourses to contact us. Lastly, read the syllabus, it really is like your best friend for this course.

Academic Responsibility

Time management, problem solving, responsibility and personal accountability are among the most important things you can learn in college. To be successful in this class (and in college in general), you will need to check Webcourses regularly (and often!), keep up with assigned readings and make every effort to complete assignments, quizzes and exams on time and in a professional manner!

Online courses: Taking courses online can be *more* difficult than taking traditional face-to-face courses because of the level of self-discipline needed to devote the time for coursework, meeting deadlines and keeping up with the course materials. Don't think that taking an online course is easier, it can actually be much more challenging and time intensive than many people think, so be prepared!

Academic honesty: Plagiarism and/or cheating of any kind on an examination, quiz, or assignment is not tolerated and will result at least in an "F" for that assignment (and may, depending on the severity of the case, lead to an "F" or "Z" for the entire course). It may also be subject to appropriate referral to the UCF Office of Student Conduct for further action. See the UCF Golden Rule for further detail. I will assume that you will adhere to the academic creed of this University and will maintain the highest standards of academic integrity. In other words, **don't cheat** by giving answers to others or taking them from anyone else. **If you let your friend copy your homework, that is plagiarism also and you will both be subject to a Z grade.** Keep this in mind before you decide to "help out" a friend. **Do not copy and paste from the course modules or the Internet to answer questions posted in your assignments or exams**. I will know. It will be bad for you. Also, please keep in mind while the Internet is an excellent source of *quick* information, it is not necessarily an excellent source of *valid* information and may also be a source of plagiarism in its own right.

I will also adhere to the highest standards of academic integrity, so please do not ask me to change or expect me to change your grade illegitimately or to bend or break rules for one person that will not apply to everyone. This is particularly the case when it comes to final grades.

Respect for diversity: This class will be conducted in a way that respects all aspects of diversity. It is expected that everyone show respect for one another and the diverse issues and topics that will be covered. Mummies have feelings too.

Student Accessibility Services

The University of Central Florida is committed to providing reasonable accommodations for all persons with disabilities. This syllabus is available in alternate formats upon request. Students with disabilities who need accommodations in this course must contact the professor at the beginning of the semester to discuss needed accommodations. No accommodations will be provided until the student has met with the professor to request accommodations. Students who need accommodations must be registered with Student Accessibility Services, Ferrel Commons 185, phone (407) 823-2371, TTY/TDD only phone (407) 823-2116, or sas@ucf.edu before requesting accommodations from the professor.

Deployed Active Duty Military Students

If you are a deployed active duty military student and feel that you may need a special accommodation due to that unique status, please contact your professor to discuss your circumstances.

Copyright

This course may contain copyright protected materials such as audio or video clips, images, text materials, etc. These items are being used with regard to the Fair Use doctrine in order to enhance the learning environment. Please do not copy, duplicate, download or distribute these items. The use of these materials is strictly reserved for this online classroom environment & your use only. All copyright materials are credited to the copyright holder.

Third-Party Software and FERPA

During this course you might have the opportunity to use public online services and/or software applications sometimes called third-party software such as a blog or wiki. While some of these could be required assignments, you need **not** make any personally identifying information on a public site. Do not post or provide any private information about yourself or your classmates. Where appropriate you may use a pseudonym or nickname. Some written assignments posted publicly may require personal reflection/comments, but the assignments will not require you to disclose any personally identity-sensitive information. If you have any concerns about this, please contact your instructor.

Course Lecture and Assignment Schedule

Changes to the lecture and assignment schedules are not expected but may occur (like a hurricane or zombie apocalypse). Your professor reserves the right to make reasonable adjustments to the assignment schedule. Any changes will be announced through Webcourses. Due dates for assignments and exams can be found in the table below.

ANT4027 Mummies: Life After Death - Course Topics, Readings and Due Dates, Spring 2018

Module	Topic, Required Reading and Due Dates
Module 1	A Natural (sometimes) Process Text • Quigley C. 2006. What has been, may be, can be, and will be done (Ch 1). *Modern Mummies: The Preservation of the Body in the Twentieth Century*. Jefferson, NC: McFarland & Company, Inc., pg 5-26. Additional Reading • Aufderheide A. 2003. Mechanisms of mummification (Ch 3). *The Scientific Study of Mummies*. Cambridge: Cambridge University Press, pg 41-71. • Piombino-Mascali D, Gill-Frerking H, Beckett RG. 2017. The taphonomy of natural mummies (Ch 8). In: Schotsmans EMJ, Márquez-Grant N, Forbes SL (eds.) *Taphonomy of Human Remains: Forensic Analysis of the Dead and the Depositional Environment*, 1st Ed. New York: John Wiley & Sons pg101-119. **QUIZ 1 DUE JAN 21**
Module 2	A History of Mummy Studies Additional Readings • Aufderheide A. 2003. History of mummy studies (Ch 1). *The Scientific Study of Mummies*. Cambridge: Cambridge University Press, pg 1-21. • David R. 2008. The background of the Manchester Mummy Project (Ch 1). In: David R (ed.) *Egyptian Mummies and Modern Science.* Cambridge: Cambridge University Press, pg 3-9. • Pringle H. 2001. The Congress (Ch 1) and The dissector's knife (Ch 2). *The Mummy Congress: Science, Obsession, and the Everlasting Dead*. New York: Hyperion, pg 1-53. **QUIZ 2 DUE JAN 28**
Module 3	Why Mummify? Text • Quigley C. 2006. Learning about life and death (Ch 4). *Modern Mummies: The Preservation of the Body in the Twentieth Century*. Jefferson, NC: McFarland & Company, Inc., pg 103-131. Additional Reading • Aufderheide A. 2003. Purpose of anthropogenic mummification (Ch 2). *The Scientific Study of Mummies*. Cambridge: Cambridge University Press, pg 22-40. **QUIZ 3 DUE FEB 4**

	MEET A NEWISH MUMMY ASSIGNMENT DUE FEB 4
Module 4	Modern Immortality Text • Quigley C. 2006. Lying in State (Ch 2). *Modern Mummies: The Preservation of the Body in the Twentieth Century*. Jefferson, NC: McFarland & Company, Inc., pg 27-58. • Quigley C. 2006. Buying immortality (Ch 5). *Modern Mummies: The Preservation of the Body in the Twentieth Century*. Jefferson, NC: McFarland & Company, Inc., pg 133-166. Additional Reading • Bates, S. 2010. Bodies Impolitic? Reading Cadavers. *International Journal of Communication* 4: 198-219. **QUIZ 4 DUE FEB 11**
Module 5	The Ethics of Display of Human Remains Additional Readings • Balachandran S. 2009. Among the Dead and Their Possessions: A Conservator's Role in the Death, Life, and Afterlife of Human Remains and Their Associated Objects. *Journal of the American Institute for Conservation* 48: 199-222. • Walter T. 2004. Plastination for Display. *Journal of the Royal Anthropological Institute* 10: 603-627. • Brooks MM, Rumsey C. 2007. The Body in the Museum. In: Cassman V, Odegaard N, and Powell J (eds) *Human Remains: Guide for Museums and Academic Institutions*. AltaMira Press: Lanham, pg 261-289. **QUIZ 5 DUE FEB 18**
	EXAM 1 (opens 8:am on FEB 15 to 11:59pm on FEB 18)
Module 6	Modern Methods of Mummy Study Text • Reyman TA et al. 1998. New investigative techniques (Ch 16). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 353-394. Additional Readings • Antoine D. 2014. The Scientific Analysis of Human Remains from the British Museum Collection: Research Potential and Examples from the Nile Valley. In: Fletcher A, Antoine D and Hill JD (eds) *Regarding the Dead: Human Remains in the British Museum*. The British Museum Press: London. pg 20-30. • McCreesh NC, Gize AP, David AR. 2011. Ancient Egyptian hair gel: new insight into ancient Egyptian mummification procedures through chemical analysis. *Journal of Archaeological Science* 38: 3432-3434. • Taylor JH and Antoine D. 2014. Tamut: A high-ranking priest's daughter (Ch 3). *Ancient Lives New Discoveries: Eight Mummies, Eight Stories.* London: The British Museum Press, pg 68-92. • Wade AD et al. 2012. Foodstuff placement in ibis mummies and the role of viscera in embalming. *Journal of Archaeological Science* 39: 1642-1647. **QUIZ 6 DUE FEB 25**
Module 7	Mummies and Disease Text • Sandison AT and Tapp E. 1998. Disease in ancient Egypt (CH 2). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 38-58. • Harris JE, Ponitz PV and Ingalls BK. 1998. Dental health in ancient Egypt (Ch 3). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 59-68. Additional Readings

	• Prates C, Sousa S, Oliveria C and Ikram S. 2011. Prostate metastatic bone cancer in an Egyptian Ptolemaic mummy, a proposed radiological diagnosis. *International Journal of Paleopathology* 1: 98-103. • Väre T, Niinimäki J, Junno J-A, Núñez M, Niinimäki S and Niskanen M. 2016. Suspected tuberculosis in an early 17th-century northern Finnish mummy-A computed tomography case study. *International Journal of Paleopathology* 14: 69-73. **QUIZ 7 DUE MAR 4** **MEET AN OLDISH MUMMY ASSIGNMENT DUE MAR 4**
	SPRING BREAK MAR 12 to MAR 16
Module 8	Animal Mummies Additional Readings • Aufderheide A. 2003. Mummification of animals (Ch 7). *The Scientific Study of Mummies*. Cambridge: Cambridge University Press, pg 395-417. • Boeskorov GG, Potapova OR, Mashchenko EN, Protopopov AV, Kuznetsova TV, Agenbroad L and Tikhonov AN. 2014. Preliminary analyses of frozen mummies of mammoth (*Mammuthus primigenius*), bison (*Bison priscus*) and horse (*Equus* sp.) from the Yana-Indirgka Lowland, Yakutia, Russia. *Integrative Zoology* 9: 471-480. • Ikram S. 2015. Protecting pets and cleaning crocodiles: The Animal Mummy Project (Ch 9). In: Ikram S (Ed.) *Divine Creatures: Animal Mummies in Ancient Egypt*. Cairo: The American University in Cairo Press, pg 206-227. • McKnight LM, Adams JE, Chamberlain A, Atherton-Woolham SD and Bibb R. 2015. Application of clinical imaging and 3D printing to the identification of anomalies in an ancient Egyptian animal mummy. *Journal of Archaeological Science: Reports* 3: 328-332. **QUIZ 8 DUE MAR 18**
Module 9	Mummies of Egypt Text • Peck WH. 1998. Mummies of ancient Egypt (Ch 1). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 15-37. • Cockburn A, Barraco RA, Peck WH, and Reyman TA. 1998. A classic mummy: PUM II (Ch 4). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 69-90. • Millet NB, Hart GD, Reyman TA, Zimmerman MR and Lewin PK. 1998. ROM I: mummification for the common people (Ch 5). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 91-105. • Reyman TA and Peck WH. 1998. Egyptian mummification with evisceration per ano (Ch 6). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 106-120. **QUIZ 9 DUE MAR 25**
	EXAM 2 (opens 8:am on MAR 22 to 11:59pm on MAR 25)
Module 10	Mummies of North and Central America Text • El-Najjar MY *et al*. 1998. Mummies and mummification practices in the southern and southwestern United States (Ch 7). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 121-137. • Zimmerman MZ. 1998. Alaskan and Aleutian mummies (Ch 8). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 138-154. • Quigley C. 2006. Occupational hazards (Ch 3). *Modern Mummies: The Preservation of the Body in the Twentieth Century*. Jefferson, NC: McFarland & Company, Inc., pg 59-102.

	Additional Readings • Aufderheide A. 2003. The geography of mummies-Mummies of North America and Mummies of Central America (Ch 4). *The Scientific Study of Mummies*. Cambridge: Cambridge University Press, pg 72-92. **QUIZ 10 DUE APR 1**
Module 11	Mummies of South America Text • Vreeland Jr, JM. 1998. Mummies of Peru (Ch 9). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 154-189. • Arriaza BT, Cárdenas-Arroyo F, Kleiss E and Verano JW. South American Mummies: culture and disease (Ch 10). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 190-236. Additional Readings • Aufderheide A. 2003. The geography of mummies-Mummies of South America (Ch 4). *The Scientific Study of Mummies*. Cambridge: Cambridge University Press, pg 92-158. **QUIZ 11 DUE APR 8**
Module 12	Mummies of Europe Text • Ascenzi A *et al*. 1998. Mummies from Italy, North Africa and the Canary Islands (Ch 12). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 263-287 Additional Readings • Wun I. 2010. Mummies in monasteries and churches-monks, popes and princes. In: Wieczorek A and Rosendahl W (eds.) *Mummies of the World*. Munich: Prestel Verlag, pg 152-159. • Samadelli M *et al*. 2015. Complete mapping of the tattoos of the 5300-year-old Tyrolean Iceman. *Journal of Cultural Heritage* 16: 753-758. **QUIZ 12 DUE APR 15** **DISPLAYING THE DEAD ASSIGNMENT DUE APR 15**
Module 13	Glacier Mummies and Bog Bodies Text • Fischer C. 1998. Bog bodies of Denmark and northwestern Europe (Ch 11). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 237-262. • Hart Hansen JP. 1998. Bodies from cold regions (Ch 15). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, 336-352. Additional Readings • Bertling M, Gill-Frerking H and Rosendahl W. 2010. The bog dog from Burlage. In: Wieczorek A and Rosendahl W (eds.) *Mummies of the World*. Munich: Prestel Verlag, pg 298-299. **QUIZ 13 DUE APR 22**
Module 14	Mummies of the Middle East, Asia and Oceania Text • Sakurai K, Ogata T, Morimoto I, Long-Xiang P and Zhong-Bi W. 1998. Mummies from Japan and China (Ch 14). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 336-352. • Pretty GL, Calder A. 1998. Mummification in Australia and Melanesia (Ch 13). In: *Mummies, Disease and Ancient Cultures*, 2nd Ed. Cambridge: Cambridge University Press, pg 289-307. Additional Reading

	• Kerneck B. 2010. The Altai Lady and her companions-mummies of the Scythian Pazyryk culture. In: Wieczorek A and Rosendahl W (eds.) *Mummies of the World*. Munich: Prestel Verlag, pg 138-141. • Werning J. 2010. Mummies of China. In: Wieczorek A and Rosendahl W (eds.) *Mummies of the world*. Munich: Prestel Verlag, pg 126-137. • Beckett RG, Nelson AJ. 2015. Mummy Restoration Project Among the Anga of Papua New Guinea. *The Anatomical Record* 298: 1013-1025. • Erckenbrecht C, Klaatsch HH. 2010. Mummies in Australia-a special form of Aboriginal burial rites. In: Wieczorek A and Rosendahl W (eds.) *Mummies of the World*. Munich: Prestel Verlag, pg 121-125. **QUIZ 14 DUE APR 29**
	EXAM 3 (opens 8:am on APR 25 to 11:59pm on APR 29)