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ANTY 353.01: Paleoindian Archaeology

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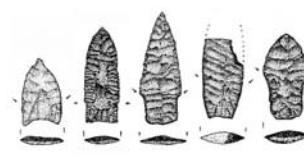
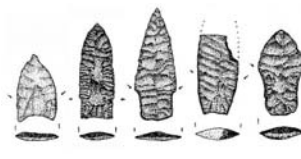
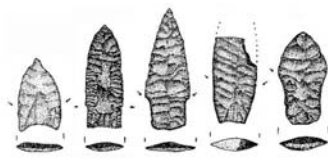
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ANTHROPOLOGY 353

PALEOINDIAN ARCHAEOLOGY

Winter 2016, January 4-22, M-F, 9:00-12:00, Social Science Room 252

Doug MacDonald, Professor, Anthropology

Office: Corbin Hall 148, 406-243-5814, douglas.macdonald@umontana.edu; Office hours: Monday, Wednesday, 12-1

Course Description

Paleoindian Archaeology (ANTY 353) will guide students to a better understanding of the earliest peopling of the Americas. By taking this course, students will learn the major theories and supporting data regarding when, how, and why people migrated to the Americas during the Late Pleistocene, approximately 15,000 to 11,000 years ago. Our class will look at the archaeological data (as well as linguistic, skeletal, genetic, and other data) to determine from where and when the earliest Americans arrived here. We'll look at archaeological sites from such diverse places as Montana, Siberia, Chile, Alaska, and Florida, that will provide us with possible answers to some of the most intriguing questions in contemporary American archaeology today: how, when, and from where did people first arrive to the Americas?

Course Requirements

Students will take 3 in-class exams (100 points each). The exams will be during the first hour of each of our 3 Friday meetings (lecture after). You will be allowed 1 page (front/back) of notes to use during the three exams. We will watch movies on the peopling of the Americas every MTWR (middle hour to break up the 3-hour session), after which students will take a 5-pt quick quiz on Moodle; these total 50 points (10 movies; 5 points each). There are 350 total points available in the class, with grading based on a standard percentage of 100. Daily topics, lecture notes, assigned articles, and grades will be posted on our class Moodle site.

Required Readings

- 1) David Meltzer, *First Peoples in a New World* (by at UC for \$20; University of California Press)
- 2) Moodle article postings

Course Schedule

Day 1: Monday, January 4

Topics Introduction to Paleoindian Archaeology (Class Overview)

Readings Moodle: Pringle, Scientific American article; Meltzer: Chapter 1 (1-22)

Movie: *First Peoples: Asia*

Day 2: Tuesday, January 5

Topics Where did they come from? the biological, DNA, and linguistic data

Readings Meltzer: Chap 5 (137-181); Moodle articles: Malta, Upward Sun River, Anzick, Kennewick, Hoyo Negro

Movie: *First Peoples: America*

Day 3: Wednesday, January 6

Topics Where did the first Americans come from? Possible Migration Routes

Readings Meltzer: Chapter 6 (183-207); Moodle: Strauss Anti-Atlantic migration and Pitblado migrations articles

Movie: *Scientific American Frontiers: Coming into America* (<http://www.pbs.org/saf/1406/video/watchonline.htm>)

Day 4: Thursday, January 7

Topics Late Pleistocene environments: Which migrations routes make the most sense?

Readings Meltzer: Chapter 2 (19-61); Fagundes and Erlandson coastal migration articles; 2 founding pop article

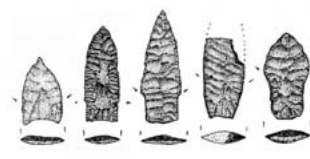
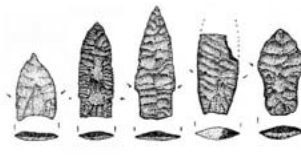
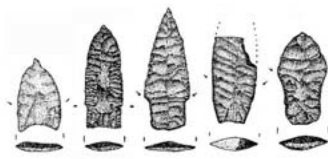
Movie: *America's Stone Age Explorers* (www.youtube.com/watch?v=Nyfw-kmI-pE)

Day 5: Friday, January 8—EXAM #1 (100 points; Overview & Migration Routes)

Topics "We have been here forever": What were the Earliest Native Americans like?

Readings Meltzer: Chapter 7 (209-238); Moodle: Goebel 1st americans article; MacDonald estate settlers article





Day 6: Monday, January 11

Topics The Archaeological Evidence I: Pre-Clovis in Alaska, Canada, & Northeastern Asia

Readings articles on Upward Sun River, Wally's Beach, and Yana RHS site articles

Movie: *Mystery of the First Americans*

Day 7: Tuesday, January 12

Topics The Archaeological Evidence II: Pre-Clovis in Western North America

Readings Meltzer: Chapter 4 (95-135); Moodle: Paisley Cave, Manis Mastodon & Buttermilk Complex articles

Movie: *On-Your-Knees Cave movie*

Day 8: Wednesday, January 13

Topics The Archaeological Evidence III: Pre-Clovis in Eastern North America

Readings Moodle: Meadowcroft Rockshelter & Cactus Hill articles

Movie: *The First Virginians* and *Carolina Stories*

Day 9: Thursday, January 14

Topics The Archaeological Evidence III: Pre-Clovis in South America

Readings Moodle: Monte Verde, Brazil, and Brazil DNA articles; Meltzer: review 117-128

Movie: *Ancient Voices: Tracking the First Americans* (<http://www.youtube.com/watch?v=qmboAKIV6zg>)

Day 10: Friday, January 15—EXAM #2 (100 points; Pre-Clovis Sites)

Topics Clovis: America's 1st Culture (or at least Montana's!)

Readings Meltzer: Chapter 8 (239-254); Moodle: El Fin del Mundo & Clovis Cache article

Monday, January 18: NO CLASS, MLK DAY

Day 11: Tuesday, January 19

Topics Clovis, Comets, and Mammoths

Readings Meltzer: Chapter 8-9 (254-320); Moodle: Surovell & Wu comet impact articles; Gill env't article

Movie: *Last Extinction: Megabeasts Sudden Death* (<http://www.youtube.com/watch?v=MGBwzpQUtXk>)

Day 12: Wednesday, January 20

Topics Did Clovis really disappear? Folsom and the Younger Dryas

Readings Meltzer: Chapter 10 (321-344); waters and stafford article (dating clovis)

Movie: *In Search of 10,000 B.C.* (<http://www.youtube.com/watch?v=Qq3etXjAS20>)

Day 13: Thursday, January 21

Topics: After Clovis and Folsom

Readings none; study for exam #3

Movie: *People of the Hearth* (no online quiz); *Lake Ilo Project* (no online quiz)

Day 14: Friday, January 22 —EXAM #3 (100 points; Clovis & Folsom)

