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Spring 1-2016

### ANTY 353.01: Paleoindian Archaeology

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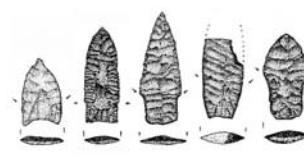
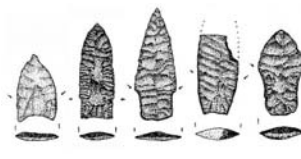
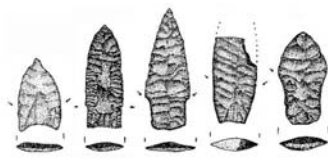
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## ANTHROPOLOGY 353 PALEOINDIAN ARCHAEOLOGY

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

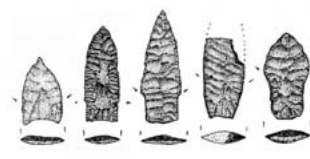
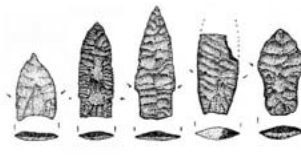
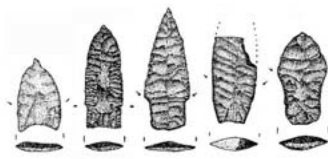
**Movie:** *America's Stone Age Explorers* ([www.youtube.com/watch?v=Nyfw-kmI-pE](http://www.youtube.com/watch?v=Nyfw-kmI-pE))

#### 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 1<sup>st</sup> 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 1<sup>st</sup> 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)**

