

August, 2009

Curriculum Vitae
Seth David Dobson

Address:

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Education:

- 2006, Ph.D. (Biological Anthropology), Washington University in St. Louis
- 2002, A.M. (Biological Anthropology), Washington University in St. Louis
- 1999, B.S. with honors (Anthropology-Zoology), University of Michigan

Academic Positions:

- 2007-present, Assistant Professor, Dartmouth College, Department of Anthropology
- 2006-2007, Robert A. and Catherine L. McKennan Postdoctoral Fellow, Dartmouth College, Department of Anthropology

Research Interests: Primatology, social behavior, communication, facial expression

PUBLICATIONS

- Dobson SD (submitted) Correlated evolution of facial expression and social style in macaques.
8. Dobson SD (2009) Socioecological correlates of facial mobility in nonhuman anthropoids. *American Journal of Physical Anthropology* 139: 413-420.
 7. Dobson SD (2009) Allometry of facial mobility in anthropoid primates: implications for the evolution of facial expression. *American Journal of Physical Anthropology* 138:70-81.
 6. O'Neill MC, Dobson SD (2008) The degree and pattern of phylogenetic signal in primate long-bone structure. *Journal of Human Evolution* 54:309-322.
 5. Clark JL, Dobson SD, Antón SC, Hawks J, Hunley KL, Wolpoff MH (2007) Identifying artificially deformed crania. *International Journal of Osteoarchaeology* 17:596-607.
 4. Dobson SD (2005) Are the differences between Stw 431 (*Australopithecus africanus*) and A.L. 288-1 (*A. afarensis*) significant? *Journal of Human Evolution* 49:143-154.

3. Dobson SD, Trinkaus E (2002) Cross-sectional geometry and morphology of the mandibular symphysis in Middle and Late Pleistocene *Homo*. *Journal of Human Evolution* 43:67-87.
2. Hawks J, Dobson S, Wolpoff MH (2001) Variation in nasal breadth as a test of genetic drift in European Neandertals. *Bulletins et Mémoires de la Société d'Anthropologie de Paris n. s.* 12:431-436.
1. Hawks J, Oh S, Hunley K, Dobson S, Cabana G, Dayalu P, Wolpoff M (2000) An Australasian test of the recent African origin theory using the WLH-50 calvarium. *Journal of Human Evolution* 39:1-22.

PRESENTATIONS

Professional Meetings:

- 2009, “The facial display repertoire of geladas” (w/ TJ Bergman and JC Beehner). Poster presentation at the Annual Meeting of the American Association of Physical Anthropologists, Chicago, IL.
- 2008, “Facial expression and social organization in *Macaca*: a phylogenetic comparative analysis.” Podium presentation at the XXII Congress of the International Primatological Society, Edinburgh, UK.
- 2008, “Allometry of facial mobility in anthropoid primates: implications for the evolution of facial expression.” Poster presentation at the Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH.
- 2008, “Allometry of facial mobility in anthropoid primates.” Podium presentation at the Annual Meeting of the Northeastern Anthropological Association, Amherst, MA.
- 2007, “Geladas as a model for the evolution of facial expression.” Podium presentation at the Bruce Richman Gelada Monkey Conference, Cleveland, OH.
- 2007, “Social cohesion and the evolution of facial expression in nonhuman anthropoids.” Poster presentation at the Annual Meeting of the American Association of Physical Anthropologists, Philadelphia, PA.
- 2006, “Taxonomic variation in facial mobility among anthropoid primates.” Podium presentation at the Annual Meeting of the American Association of Physical Anthropologists, Anchorage, AK.
- 2005, “Mobility of the muscles of facial expression in *Papio hamadryas*.” Poster presentation at the Annual Meeting of the American Association of Physical Anthropologists, Milwaukee, WI.
- 2001, “Cross-sectional geometry and biomechanics of the mandibular symphysis in Middle and Late Pleistocene *Homo*” (w/ E Trinkaus), Poster presentation at the Annual Meeting of the American Association of Physical Anthropologists. Kansas City, MO.
- 2000, “Relative postcranial joint size in australopithecine associated partial skeletons Stw 431 and A.L. 288-1,” Poster presentation at the Annual Meeting of the American Association of Physical Anthropologists, San Antonio, TX.
- 1999, “Neandertal mandibular morphology: autapomorphic complex or intraspecific variant?” Poster presentation at the Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH.

Invited Talks and Guest Lectures:

- 2009, “Facial mobility and the evolution of facial expression in primates,” Comparative Primatology Research Group, Harvard University, Department of Human Evolutionary Biology
- 2008, “Facial mobility and the evolution of facial expression in primates,” Social Brain Science seminar, Dartmouth College, Department of Psychological and Brain Sciences
- 2007, “Primate communication,” Guest Lecture (Vertebrate Zoology), Dartmouth College, Department of Biological Sciences
- 2007, “Primatological perspectives on human facial expression,” Professor Discussion, Alpha Theta House, Dartmouth College
- 2007, “Primate communication,” Guest Lecture (Primate Behavior), University of Massachusetts-Amherst, Department of Anthropology
- 2007, “Evolution of facial expression in primates: implications for the origin of language,” Colloquium, Dartmouth College, Department of Anthropology
- 2007, “Evolution of facial expression in primates: implications for the origin of language,” Seminar, Dartmouth College, Department of Anatomy
- 2004, “Primate cognition,” Guest Lecture (Primate Biology), Washington University in St. Louis, Department of Anthropology
- 2003, “Heritability,” Guest Lecture (Human Variation), Washington University in St. Louis, Department of Anthropology

Conference and Symposium Invitations:

- 2008, “Facial Expression in Primates: Measurement, Meaning and Function.” XXII Congress of the International Primatological Society, Edinburgh, UK.
- 2008, “The State of the Face: An Evolutionary Update on the Muscles of Facial Expression.” Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH.
- 2008, “Body of Evidence: New Directions in Evolutionary Morphology.” Annual Meeting of the Northeastern Anthropological Association, Amherst, MA.
- 2007, “Bruce Richman Gelada Monkey Conference.” Cleveland Zoo, Cleveland, OH.

AWARDS, HONORS, DISTINCTIONS**External Grants:**

- 2004-2005, Dissertation Improvement Grant, National Science Foundation
- 2004-2005, Grant-in-Aid of Research, Sigma Xi

Internal Awards:

- 2008, Travel Grant, Claire Garber Goodman Fund, Dartmouth College
- 2007-2010, Walter and Constance Burke Research Initiation Award, Dartmouth College
- 2005-2006, Dissertation Fellowship, Washington University
- 2001, Support for Writing, Dept. of Anthropology, Washington University
- 1999-2006, Tuition Waivers, Washington University
- 1999-2000, University Fellowship, Washington University

Honors and Distinctions:

- 2007, Certification, Facial Action Coding System
- 1999, Graduate Fellowship Honorable Mention, National Science Foundation
- 1998, Class Honors, University of Michigan
- 1997, Class Honors, University of Michigan

TEACHING EXPERIENCE

Instructor:

- Introduction to Biological Anthropology (ANTH 6), Dartmouth College, Fall 2007-2008
- Lemurs, Monkeys and Apes (ANTH 20), Dartmouth College, Winter 2007-2008
- Hominid Evolution (ANTH 41), Dartmouth College, Spring 2009
- Primate Societies (ANTH 42), Dartmouth College, Spring 2007, Fall 2007
- Origins of Language (ANTH 77), Dartmouth College, Fall 2008

Advisor:

- Emi Ito, Dartmouth College, Goodman Fund, Senior Honors Thesis
- Rachael Kandath, Dartmouth College, Research Assistant, Goodman Fund
- Anna Ludlow, Dartmouth College, Women in Science Program Internship
- Tess Mcloud, Dartmouth College, Goodman Fund, Senior Honors Thesis
- Zaneta M. Thayer, Dartmouth College, Goodman Fund, Senior Honors Thesis

PROFESSIONAL SERVICE

External appointments:

- 2009-2010, Annual Meeting Program Committee, American Association of Physical Anthropologists

Internal appointments:

- 2007-2010, Colloquium Coordinator, Department of Anthropology, Dartmouth College
- 2008-2009, Member, Committee on Student Life, Dartmouth College

Professional Memberships:

- American Anthropological Association (Full Member)
- American Association of Physical Anthropologists (Full Member)
- American Society of Primatologists (Full Member)
- International Society of Primatologists (Full Member)
- Sigma Xi, The Scientific Research Society (Full Member)

Ad-Hoc Reviewer:

- *American Journal of Physical Anthropology*
- *Journal of Anatomy*
- *Journal of Human Evolution*

MEDIA COVERAGE

Newspapers and Magazines:

- “Why Darwin Would Have Loved Botox” by Carl Zimmer, Discover Magazine, 10/15/08
- “Making Faces” by Kristen Fountain, Valley News, 9/8/08