

DAWN M. KITCHEN
DEPARTMENT OF ANTHROPOLOGY
THE OHIO STATE UNIVERSITY

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RESEARCH ADDRESS:

4034 Smith Lab, 174 West 18th Avenue
Columbus, Ohio 43210
Office: 4100-B Smith Laboratory

TEACHING ADDRESS:

1680 University Drive
Mansfield, Ohio 44906
Office: 355 Ovalwood

POSITIONS HELD

9/04-present Assistant Professor, Department of Anthropology, The Ohio State University
1/03-8/04 Lecturer, Department of Psychology, University of Pennsylvania
9/02-12/02 Lecturer, Department of Psychology, West Chester University
3/99-6/04 Post-doctoral Scientist, Department of Psychology, University of Pennsylvania
Supervisors: Drs. Dorothy Cheney & Robert Seyfarth
6/98-8/98 Lecturer, Ecology, Evolution and Behavior Department, University of Minnesota
4/92-9/93 Inorganic Chemist, National Environmental Testing, Watertown, Wisconsin

EDUCATION

9/93- 4/99 Ph.D. Ecology, Evolution and Behavior Department, University of Minnesota
Advisor: Dr. Anne E. Pusey.
Thesis published 2000: Aggression and assessment among social groups of Belizean black howler monkeys (*Alouatta pigra*).
9/87-12/91 B.S. with Honors, Biology Major, Captive Wildlife Minor
University of Wisconsin at Stevens Point, Advisor: Dr. Kent Hall

FIELD EXPERIENCE

2006 Chacma baboons in Botswana; Survey of primates of South Africa and Zanzibar
2005 Survey and vocalizations of primates of Guyana
1999-2001 Chacma baboon social behavior in Botswana
1992-97 Black howler monkey vocalizations in Belize

PUBLICATIONS

- Kitchen, D.M., Beehner, J.C., Bergman, T.J., Cheney, D.L., Crockford, C., Engh, A.L., Fischer, J., Seyfarth, R.M. & Wittig, R. 2009. The causes and consequences of male aggression directed at female chacma baboons. In: *Male Coercion in Primates*, (Muller, M. & Wrangham, R., editors), Cambridge, MA: Harvard University Press. *In press*.
- Kitchen, D.M.** & Bergman, T.J. 2009. Chacma baboons. In: *All the World's Primates*, (Rowe, N., editor), Pogonias Press. *In press*.
- Bergman, T.J. & **Kitchen, D.M.** 2009. Comparing responses to novel objects in wild baboons and geladas. *Animal Cognition*. *In press*.
- Kitchen, D.M.** & Beehner, J.C. 2007. Factors affecting individual participation in group-level aggression in non-human primates. *Behaviour* 144, 1551-1581.
- Cheney, D.L., Seyfarth, R.M., Fischer, J., Beehner, J.C., Bergman, T.J., Johnson, S.E., **Kitchen, D.M.**, Palombit, R.A., Rendall, D., & Silk, J.B. 2006. Reproduction, mortality, and female reproductive success in chacma baboons of the Okavango Delta, Botswana. In: *Reproduction and Fitness in Baboons: Behavioral, Ecological, and Life History Perspectives*, (Swedell, L. & Leigh, S.R., editors), New York: Springer, pp 147-176.
- Eckert, K.A., Hahn, N.E., Genz, A., **Kitchen, D.M.**, Stuart, M.D., Averbek, G.A., Stromberg, B.E., & Markowitz, H. 2006. Coprological surveys of *Alouatta pigra* at two sites in Belize. *Int J Primatol* 27, 227-238.
- Kitchen, D. M.** 2006. Experimental test of female black howler monkey (*Alouatta pigra*) responses to loud calls from potentially infanticidal males: effects of numeric odds, vulnerable offspring and companion behavior. *Am J Phys Anthro* 131, 73-83.
- Kitchen, D.M.**, Cheney, D.L., & Seyfarth, R.M. 2005. Contextual factors mediating contests between male chacma baboons in Botswana: effects of food, friends and females. *Int J Primatol* 26, 105-125.
- Kitchen, D.M.**, Cheney, D.L., & Seyfarth, R.M. 2005. Male chacma baboons (*Papio hamadryas ursinus*) discriminate loud call contests between rivals of different relative ranks. *Animal Cognition* 8, 1-6.
- Cheney, D.L., Seyfarth, R.M., Fischer, J., Beehner, J., Bergman, T., Johnson, S.E., **Kitchen, D.M.**, Palombit, R.A., Rendall, D., & Silk, J.B. 2004. Factors affecting reproduction and mortality among baboons in the Okavango Delta, Botswana. *Int J Primatol* 25, 401-428.
- Fischer, J., **Kitchen, D.M.**, Seyfarth, R.M., & Cheney, D.L. 2004. Baboon loud calls advertise male quality: acoustic features and their relation to rank, age and exhaustion. *Behav Ecol Sociobiol* 56, 140-148.

- Kitchen, D.M.** 2004. Alpha male black howler monkey responses to loud calls: effect of numeric odds, male companion behaviour, and reproductive investment. *Anim Behav* 67, 125-139.
- Kitchen, D.M., Cheney, D.L., & Seyfarth, R.M.** 2004. Factors mediating inter-group encounters in chacma baboons (*Papio cynocephalus ursinus*). *Behaviour* 141, 197-218.
- Kitchen, D.M., Horwich, R.H. & James, R.A.** 2004. Subordinate male black howler monkey (*Alouatta pigra*) responses to loud calls: experimental evidence for the effects of intra-group male relationships and age. *Behaviour* 141, 703-723.
- Kitchen, D.M., Cheney, D.L., & Seyfarth, R.M.** 2003. Female baboons' responses to male loud calls. *Ethology* 109, 401-412.
- Kitchen, D.M., Seyfarth, R.M., Fischer, J., & Cheney, D.L.** 2003. Loud calls as indicators of dominance in male baboons (*Papio cynocephalus ursinus*). *Behav Ecol Sociobiol* 53, 374-84.
- Kitchen, D.M. & Packer, C.** 1999. Complexity in vertebrate societies. In: *Levels of Selection in Evolution*, (Keller, L., editor), Princeton, NJ: Princeton University Press, pp. 176-196.

MANUSCRIPTS IN PREPARATION

- Kitchen, D.M., Bergman, T.J., Nicholson, J., Cheney, D.L., & Seyfarth, R.M.** In prep. Responses of four ungulate species to experimental playback of baboon loud calls.
- Kitchen, D.M., Cheney, D.L., Seyfarth, R.M, Moscovice, L. & Heesen, M.** In prep. Male baboon responses to variability in loud 'wahoo' calls: an experimental test of an honest signal.
- Kitchen, D.M., Beehner, J.C, Cheney, D.L., Seyfarth, R.M, Crockford, C., & Wittig, R.** In prep. Relationship between testosterone level and loud call quality in male baboons.
- Kitchen, D.M., Engh, A.,L. Cheney, D.L. & Seyfarth, R.M.** In prep. Do male baboons attend to reliable indicators of rival fighting ability in unfamiliar rivals?
- Kitchen, D.M.** In prep. Vocal traditions: is there evidence in non-human primates? In: *Social Ecology of Dolphins, Monkeys and Apes: A Comparative Overview*, (Karczmarski, L., & Yamagiwa, J., eds).

PUBLISHED ABSTRACTS & CONFERENCE PRESENTATIONS

* INDICATES CO-AUTHOR IS MY STUDENT

- Kitchen, D.M.**, Cheney, D.L., Seyfarth, R.M. & Beehner, J.C. Under review. A link between fecal testosterone and an honest signal - the loud 'wahoo' vocalizations of chacma baboons. American Association of Physical Anthropology, Chicago in 2009.
- *Boose, K., *Stough, B. & **Kitchen, D.M.** Under review. Separating interventions during agonistic and affiliative dyadic encounters by captive male and female bonobos. American Association of Physical Anthropology, Chicago in 2009.
- Kitchen, D.M.**, Cheney, D.L., Seyfarth, R.M., Moscovice, L. & Heesen, M. 2008. Male baboon responses to loud 'wahoo' calls: an experimental test of an honest signal. Invited symposium speaker, 22nd Congress of the International Primatological Society, Edinburgh, Scotland.
- Kitchen, D.M.** & Bergman, T.J. 2008. Comparing responses to novel objects in wild baboons and geladas. Peer-reviewed podium paper. American Association of Physical Anthropology, Columbus.
- *Walz, J.T., Crews, D.C. & **Kitchen, D.M.** 2008. Comparing female initiation across the estrous cycle among captive *Pan paniscus* and *Pan troglodytes*. Peer-reviewed poster. 2008 American Association of Physical Anthropology, Columbus.
- *Perrin, E.M. & **Kitchen, D.M.** 2008. Using proximity to understand association patterns among adult mantled howler monkeys (*Alouatta palliata*). Peer-reviewed poster. 2008 American Association of Physical Anthropology, Columbus.
- *Perrin, E.M. & **Kitchen, D.M.** 2007. Using proximity to understand association patterns among adult mantled howler monkeys (*Alouatta palliata*). Poster. Midwest Primate Interest Group, University of Illinois-Carbondale.
- Kitchen, D.M.**, *Kenney, S., & Wilson, R.E. 2007. Do male black howler monkeys (*Alouatta pigra*) assess the fighting ability of individual rivals during inter-group encounters? Peer-reviewed podium paper, American Association of Physical Anthropology, Philadelphia.
- Kitchen, D.M.**, Beehner, J.C., Bergman, T.J., Cheney, D.L., Crockford, C., Engh, A.L., Fischer, J., Moscovice, L., Palombit, R.A., Seyfarth, R.M., Silk, J., & Wittig, R. 2006. Patterns of male aggression towards females among chacma baboons of Botswana (*Papio hamadryas ursinus*). Invited symposium speaker, International Primatological Society Conference, Uganda.
- Kitchen, D.M.** 2006. Overcoming collection action problems during group-defense in chacma baboons (*Papio hamadryas ursinus*) and black howler monkeys (*Alouatta pigra*). Invited symposium speaker, International Primatological Society Conference, Uganda.

- Fischer, J., **Kitchen, D.M.**, Cheney, D.L. & Seyfarth, R.M. 2005. Advertising fighting ability: information content of male baboon “wahoo” calls. Congress of the European Federation for Primatology, University of Göttingen, Germany.
- Kitchen, D.M.** 2003. Factors mediating inter-group encounters in chacma baboons. Podium paper, Animal Behavior Society Conference, University of Idaho.
- Fischer, J., **Kitchen, D.M.**, Seyfarth, R.M. & Cheney, D.L. 2003. Baboon loud calls as indicators of male quality. Podium paper, International Conference on Acoustic Communication by Animals, University of Maryland.
- Kitchen, D.M.** 2002. The function of loud call displays in competitive interactions of male baboons. Podium paper, Animal Behavior Society Conference, University of Indiana.
- Kitchen, D.M.** 1998. Us vs. Them: Do black howlers assess relative group size through loud calls? Podium paper, Animal Behavior Society Conference, University of Illinois.
- Kitchen, D.M.** 1997. Numerical assessment through loud calls in black howler monkeys. Poster, Animal Behavior Society Conference, University of Maryland.

INVITED PRESENTATIONS

- 2008 *My Life with Monkeys*, The Last Lecture Series, The Ohio State University Mansfield
- 2008 *Primatology*, Breakfast of Science Champions (perspective undergraduates from Northern Ohio)
- 2008 *Rules of the game: how loud calls mediate competition*,
Departments of Biology, Neuroscience, Biochemistry & Molecular Biology, College of Wooster
- 2008 *Testing game theoretical predictions with howler monkeys and baboons*,
Department of Anthropology, SUNY Stony Brook.
- 2007 *Loud calls as indicators of fighting ability: insights from howler monkeys and baboons*,
Department of Evolution, Ecology and Organismal Biology, The Ohio State University.
- 2006 *Competition among baboons*, Depts of Psychology & Anthropology, University of Michigan.
- 2006 *Field research in Botswana*, Board of Trustees, The Ohio State University at Mansfield.
- 2006 *Baboon research & field life*, Young Presidents Club, Xaxaba Tourist Camp, Botswana.
- 2005 *No place like home: a photo journal of fieldwork in southern Africa*, Columbus Rotary Club.
- 2005 *Primates 101*, Honors Colloquium, The Ohio State University at Mansfield.
- 2004 *Dominance in male baboons*, San Antonio Foundation for Biological Research.
- 2004 *Loud calls as indicators of dominance in male baboons*, The Ohio State University at Columbus.

- 2004 *Assessing rivals: how loud calls mediate male competition in primates*,
The Ohio State University at Mansfield.
- 2003 *Wahoos: reliable indicators of fighting ability in male baboons*,
Department of Psychology, University of Pennsylvania.
- 2003 *Factors mediating inter-group encounters in baboons*,
Anthropology Department, Rutgers University.
- 2003 *Black howler monkey aggression*, Psychology Department, University of Pennsylvania.
- 2002 *Primate semantic communication*, Linguistics Department, University of Pennsylvania.
- 1998 *How to woo graduate students*, Interdisciplinary Graduate Directors Meeting,
University of Minnesota.
- 1998 *Aggression in animal communication*, Linguistics Department, University of Minnesota.
- 1997 *Research in animal behavior*, Perspective Graduate Students, University of Minnesota.
- 1996 *Howler monkey behavior*, Conference on Scientific Research, University of Belize.
- 1996 *Field research in Primatology*, Honors Biology Colloquium, University of Minnesota.
- 1995 *Howler monkey vocalizations*, Undergraduate Ecology Club, University of Minnesota.
- 1995 *Howler monkey field research*, School for Studies Abroad, Belize.

GRANTS, FELLOWSHIPS & AWARDS

- 2009 The Ohio State University-Mansfield Professional Development Committee:
Special Research Assignment (SRA), Winter 2009
- 2008 2008 *Excellence in Scholarship Award*, The Ohio State University-Mansfield (\$1000)
- 2008 \$1000: The Ohio State University-Mansfield: *Professional Development Grant*.
- 2008 \$700: The Ohio State University Mansfield Professional Development Committee:
International Travel Grant.
- 2008 \$1,500: The Ohio State University School of Social and Behavioral Sciences:
International Travel Grant.
- 2007 \$1000: The Ohio State University-Mansfield: *Professional Development Grant*.
- 2006 \$851: The Ohio State University- Mansfield: *Professional Development Grant*.
- 2006 \$1,500: The Ohio State University School of Social and Behavioral Sciences:
International Travel Grant.
- 2006 \$700: The Ohio State University- Mansfield Professional Development Committee:
International Travel Grant.
- 2005 \$14,697: The Ohio State University-Mansfield: *Seed Grant*.

- 2004 \$1,000: The Ohio State University-Mansfield: *Professional Development Grant*.
- 1998 \$12,500 + student fees: *Dissertation Fellowship* (University-wide competition).
- 1998 \$9,500 + student fees: *Louise T. Dosdall Fellowship* (University-wide; I declined).
- 1996 *Outstanding Teaching Assistant Award* (College-wide, student nominated award).
- 1996 *Web Site Contest Award* (University-wide award for original course website).
- 1994-98 \$9,922 in independently generated research funds including:
- American Association for Women in Science;*
- Percy Sladen Memorial Fellowship (Linnean Society);*
- James Wilkie Grants for Research;*
- Dayton Natural History Grants;*
- University of Minnesota Grants for Research Abroad* (University-wide award);
- University of Minnesota Summer Ecology Fellowship.*
- 1994-98 \$1,000 in *presentation fellowships* from the University of Minnesota.
- 1991 *Chancellor's Medallion* (University-wide competition).
- 1991 *University Leadership Award* (University-wide competition).
- 1988-91 *Chancellor's & Dean's Lists.*

PROFESSIONAL MEMBERSHIP

- American Association of Physical Anthropologists (since 2005);
- Animal Behaviour Society (since 1995);
- International Primatological Society (since 1996);
- International Society for Behavioral Ecology (since 1995);
- American Association for Advancement of Science (1996-99);
- Phi Kappa Phi Honor Society (1989-99);
- Beta Beta Beta Biological Honor Society (1989-99)

UNIVERSITY SERVICE

- 2008-present *Application planning group for OSU Innovation Group grant program, cross-disciplinary group including History, Anthropology & Psychology faculty, The Ohio State University at Columbus*

- 2008-present *Faculty Vice President*, The Ohio State University at Mansfield
- 2008-present *Executive Committee*, The Ohio State University at Mansfield
- 2008-present *Excellence in Scholarship Committee*, The Ohio State University at Mansfield
- 2007- present *Black History Month Committee*, The Ohio State University at Mansfield
- 2007 *Co-facilitator* at The Ohio State University Mansfield Faculty & Staff Retreat
- 2006-2008 *Diversity Committee*, The Ohio State University at Mansfield
- coordinated Distinguished Diversity Speaker 2007, 2008, Social Justice Speaker 2008, Diversity Days events including GLBT education
- 2006-2007 *Chair Black History Month Committee*, The Ohio State University at Mansfield
- coordinated 5 speakers & 4 music/food events throughout February 2007
- 2005 *Graduate Faculty Representative* on Ph.D. Dissertation committee
- Nanaho Hanada, Department of Political Science, Ohio State University
- 2005-2007 *Faculty Advisor for Diversity Alliance*, The Ohio State University at Mansfield
- community service projects included annual Winter Charity Drive
- 2005-2006 *Student Support Committee*, The Ohio State University at Mansfield
- 2005-present *Peer Evaluation of Teaching*, The Ohio State University at Mansfield
- 2005-06: Daniel Butts, 2007-08: Julia Crawford; 2008-09: Rhonda Moodey
- 2005 *Grade Appeal Committee*, The Ohio State University at Mansfield
- 2005 *Graduation Celebration Committee*, The Ohio State University at Mansfield
- 1994-1996 University of Minnesota
- *Graduate President; Faculty Representative; Recruitment Coordinator*

PROFESSIONAL SERVICE & EXPERIENCE

- 2007- 2008 *Local Planning Committee*
- 2008 American Society of Physical Anthropologists
- 2004-present External Reviewer (book chapters):
The Monkeys of the Tai Forest, Ivory Coast;
Primates & Their Predators
- 2002-2006 External Reviewer (grant applications):
Earth Watch Institute

Harry Guggenheim Foundation

Indiana University Graduate Women in Science Research Grant

Leakey Foundation

Lincoln Park Zoological Society

2002 Moderator, Animal Behavior Society Annual Meeting, University of Indiana

2001-present External Reviewer (journals):

American Journal of Primatology

Animal Behaviour

Animal Cognition

Behavioral Ecology & Sociobiology

Behavioral Ecology

Behaviour

International Journal of Primatology;

Primate Report

Primates

Proceedings of the Royal Society of London Series B

THESIS COMMITTEES

Ph.D. Dissertation Advisor:

2008-present: Liz Perrin, Department of Anthropology, The Ohio State University

2006-present: Michelle Rodrigues, Department of Anthropology, The Ohio State University

2005-2008: Ellen Furlong, Department of Psychology, The Ohio State University - (co-advised with John Opfer, Psychology) - *Number cognition and economic decision-making.*

Ph.D. Dissertation Committee Member:

2008-present: Anna Yocum, Department of Psychology, The Ohio State University

2008-present: Michelle Field, Department of Anthropology, The Ohio State University

2008-present: Sarah Martin, Department of Anthropology, The Ohio State University

2007-present: Elisabeth Hellmer, Department of Anthropology, The Ohio State University

2006-present: Rob Schubert, Department of Anthropology, The Ohio State University

2006-present: Cathy Cooke, Department of Anthropology, The Ohio State University

2005-present: Jon Racster, Department of Anthropology, The Ohio State University

2004-present: Tracie McKinney, Department of Anthropology, The Ohio State University

2005-2006: Chris Gibbons, Department of Psychology, The Ohio State University - *The referentiality of chimpanzee vocal signaling: behavioral and acoustic analysis of food barks.*

Masters Dissertation Advisor:

2006-2008: Jessica Walz (co-advised with Doug Crews, Anthropology), Department of Anthropology, The Ohio State University - *Using proximity to understand association patterns among adult mantled howler monkeys (*Alouatta palliata*).*

2006-2008: Elizabeth Perrin, Department of Anthropology, The Ohio State University - *Male-female interactions among captive chimpanzees (*Pan troglodytes*) and bonobos (*Pan paniscus*): who initiates?*

Masters Dissertation Committee Member:

2007-2008: Omar Ulvi, Department of Anthropology, The Ohio State University - *Craniofacial variation in three west African monkeys: a possible function of diet.*

2006-2007: Sarah Adamson, Department of Anthropology, The Ohio State University - *Positional behavior in bonobos (*Pan paniscus*): How do age, sex, and context influence bipedality?*

Undergraduate Honors Thesis Advisor:

2008-present: Klaree Boose, Department of Anthropology, Ohio State University-Columbus

2007-2008: Kristin Turowski, Department of Anthropology, Ohio State University-Columbus

Undergraduate Honors Thesis Committee Member:

2005-2006: Ryan Covey, Department of Anthropology, The Ohio State University - *Prehensile tail use during feeding and foraging of white-faced capuchins, *Cebus capucinus*.*

TEACHING AND RELATED EXPERIENCE

2008 **Visiting Professor, El Zota Biological Field Station, Costa Rica**

3 lectures for a Primatology Field Course

2008 **Guest Lecturer, Ohio State University at Columbus, Anthropology Dept.**

Course: *Primate Sexuality*

2007 **The Ohio State University at Mansfield**

Upper-level course: *Comparative Psychology 601 (a.k.a. Animal Behavior)*

2007 **Guest Lecturer, Ohio State University at Columbus, Anthropology Dept.**

Course: *Primate Sexuality*

- 2007-present **The Ohio State University at Columbus**
Course: *Primate Behavior*; quarterly graduate seminar (6-12 students per term)
- 2006 **The Ohio State University at Mansfield**
Course: *Animal Behavior* at Young Girls' Summer Science Camp
- 2005-present **The Ohio State University at Mansfield**
Course: *Physical Anthropology* (50-150 students per term)
- 2004-present **The Ohio State University at Mansfield**
Course: *Cultural Anthropology* (50-150 students per term)
- 2003-2004 **University of Pennsylvania, Philadelphia**
Courses: *Primate Behavior, Animal Behavior*; 15 students; 3h/week + advising.
- 2002 **West Chester University, Pennsylvania**
Course: *Comparative Psychology*; 40 undergraduates
- 2003 **Guest Lecturer, University of Pennsylvania, Psychology Department**
Course: *Animal Cognition*
- 2003 **Guest Lecturer, University of Pennsylvania, Biology Department**
Course: *Animal Communication*
- 2001 **Guest Lecturer, University of Pennsylvania, Linguistics Department**
Course: *Introduction to Linguistics*
- 1998 **Lecturer, University of Minnesota**
Course: *Introduction to Ecology for Non-Majors*
Supervised 2 teaching assistants & 22 undergraduates; 4 contact hours/week.
- 1996-98 **Co-author of Two Educational Web Sites**
- Serengeti Lion Research Center (<http://www.lionresearch.org>) with P. West;
- General Zoology (<http://biosci.cbs.umn.edu/class/biol/1106>) with T. Susman.
- 1996 **Teaching Assistant Liaison**
Faculty nominated represented for *Preparing Future Faculty*.
- 1995-1999 **Guest Lecturer, University of Minnesota**
Various Ecology & Behavior courses.
- 1995-1999 **Guest Lecturer**

Various Minnesota & Wisconsin public schools.

1995 Ecology Lab Manual Coordinator, University of Minnesota

1994-97 Teaching Assistant, University of Minnesota:

Recitations, labs, lectures & exams. Courses: *Behavioral Ecology*;
Ecology; *Animal Behavior*; *Marine Biology*; *General Zoology*;
Plant-Animal Interactions; *Evolutionary & Ecological Perspectives*

1994-97 University of Minnesota: Supervised research assistants (* indicates student was Undergraduate Research Opportunity Fellowship recipients: *B. Christenson, *A. Genz, N. Grindheim, S. Hersrud, *M. Joseph, *S. Kenney, R. Mason, C. Soucheray, *C. Vogt, *N. Weber