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RESEARCH INTERESTS

Primate Behavioral Ecology, Primate Conservation Biology, Tropical Forest Ecology & Conservation

CURRENT POSITION

Assistant Professor, Department of Anthropology, California State University, Fullerton, 2008-present

PREVIOUS POSITIONS

Conservation Biologist, Department of Science and Conservation, Pittsburgh Zoo, 2002-2008

Adjunct Professor, Department of Biological Sciences, Carnegie Mellon University, 2005-2008

Research Associate, Department of Anthropology, University of Pittsburgh, 2005-2008

Research Associate, Department of Ecology, Evolution, and Environmental Biology, Columbia University, 2002-2005

Adjunct Lecturer, Columbia University, Queens College, Seton Hall University, 2001-2002

Postdoctoral Researcher, Wildlife Conservation Society, NY, 2000-2001

EDUCATION

Columbia University, Department of Anthropology, New York, NY

Ph.D. (Major Area: Biological Anthropology), 1999

Dissertation Title: The Behavioral Ecology of an African Colobine Monkey: Diet, Range Use, and Patterns of Intergroup Aggression in Eastern Black and White Colobus Monkeys (*Colobus guereza*).

Advisor: Marina Cords, Ph.D.

College of William and Mary, Williamsburg, VA

B.A. (Majors: Anthropology and Biology), 1992

PAPERS IN PEER-REVIEWED JOURNALS

- Mekonnen, A., Bekele, A., **Fashing, P.J.**, Hemson, G., and Atickem, A. (accepted, in revision). Diet, activity patterns, and ranging ecology of the Bale monkey (*Chlorocebus djamdjamensis*) in Odobullu Forest, Ethiopia. *International Journal of Primatology*
- Fashing, P.J.** (2007). Behavior, ecology, and conservation of colobine monkeys: An introduction. *International Journal of Primatology* 28: 507-511.
- Fashing, P.J.**, Dierenfeld, E.S., and Mowry, C.B. (2007). Influence of plant and soil chemistry on food selection, ranging patterns, and biomass of *Colobus guereza* in Kakamega Forest, Kenya. *International Journal of Primatology* 28: 673-703.
- Fashing, P.J.**, Mulindahabi, F., Gakima, J.-B., Masozera, M., Mununura, I., Plumptre, A.J., and Nguyen, N. (2007). Activity and ranging patterns of Angolan colobus (*Colobus angolensis ruwenzorii*) in Nyungwe Forest, Rwanda: Possible costs of large group size. *International Journal of Primatology* 28: 529-550.
- Harris, T.R., Fitch, W.T., Goldstein, L.M., and **Fashing, P.J.** (2006). Black and white colobus monkey (*Colobus guereza*) roars as a source of both honest and exaggerated information about body mass. *Ethology* 112: 911-920.
- Fashing, P.J.** (2004). Mortality trends in the African cherry (*Prunus africana*) and the implications for colobus monkeys (*Colobus guereza*) in Kakamega Forest, Kenya. *Biological Conservation* 120: 449-459.
- Fashing, P.J.**, Forrestel, A., Scully, C., and Cords, M. (2004). Long-term tree population dynamics and their implications for the conservation of the Kakamega Forest, Kenya. *Biodiversity and Conservation* 13: 753-771.
- Fashing, P.J.** and Gathua, J.M. (2004). Spatial variation in the structure and composition of an East African rain forest. *African Journal of Ecology* 42: 189-197.
- Fashing, P.J.** (2002). Population status of black and white colobus monkeys in the Kakamega Forest, Kenya: Are they really on the decline? *African Zoology* 37: 119-126.
- Fashing, P.J.** (2001). Activity and ranging patterns of guerezas in the Kakamega Forest: Intergroup variation and implications for intragroup feeding competition. *International Journal of Primatology* 22: 549-577.
- Fashing, P.J.** (2001). Feeding ecology of guerezas in the Kakamega Forest: The importance of Moraceae fruit in their diet. *International Journal of Primatology* 22: 579-609.
- Fashing, P.J.** (2001). Male and female strategies during intergroup encounters in guerezas (*Colobus guereza*): Evidence for resource defense mediated through males and a comparison with other primates. *Behavioral Ecology and Sociobiology* 50: 219-230.
- Fashing, P.J.** and Cords, M. (2000). Diurnal primate densities and biomass in the Kakamega Forest: An evaluation of census methods and a comparison with other forests. *American Journal of Primatology* 50: 139-152.
- Sterling, E. J., Nguyen, N., and **Fashing, P.J.** (2000). Spatial patterning in nocturnal prosimians: A review of methods and relevance to studies of sociality. *American Journal of Primatology* 51: 3-

PEER-REVIEWED BOOK CONTRIBUTIONS

- Fashing, P.J.** (in review). African colobine monkeys: Their behavior, ecology, and conservation. In: C. Campbell, A. Fuentes, K. MacKinnon, M. Panger, and S. Bearder (eds.). *Primates in Perspective*. Oxford: Oxford University Press, 2nd edition.
- Fashing, P.J.** and Oates, J.F. (in press). *Colobus guereza*. In: J. Kingdon, D. Happold, and T. Butynski (eds.). *Mammals of Africa*. London: Elsevier Press.
- Fashing, P.J.** (2007). African colobine monkeys: Patterns of between-group interaction. In: C. Campbell, A. Fuentes, K. MacKinnon, M. Panger, and S. Bearder (eds.). *Primates in Perspective*. Oxford: Oxford University Press, 1st edition, pp. 201-224.

NON PEER-REVIEWED BOOK CONTRIBUTIONS

- Fashing, P.J.** (in press). *Colobus angolensis*. In: N. Rowe (ed.). *All the World's Primates*. East Hampton, NY: Pogonias Press.
- Fashing, P.J.** (in press). *Colobus guereza*. In: N. Rowe (ed.). *All the World's Primates*. East Hampton, NY: Pogonias Press.
- Fashing, P.J.** (in press). *Theropithecus gelada*. In: N. Rowe (ed.). *All the World's Primates*. East Hampton, NY: Pogonias Press.

NON PEER-REVIEWED SURVEY REPORTS

- Fashing, P. J. (2009). Guassa Gelada Research Project Progress Report 2008-09. Report to the Ethiopian Wildlife Conservation Authority, Ethiopia.
- Fashing, P. J. (2008). Guassa Gelada Research Project Progress Report 2007-08. Report to the Ethiopian Wildlife Conservation Authority (Ethiopia) and Margot Marsh Biodiversity Fund, (Washington, D.C.).
- Plumptre, A.J., Masozera, M., **Fashing, P.J.**, McNeilage, A., Ewango, C., Kaplin, B., and Liengola, I. (2002). Biodiversity surveys of the Nyungwe Forest Reserve in S.W. Rwanda. *WCS Working Paper No. 19*, New York: Wildlife Conservation Society. Pp. 1-96.

POPULAR ARTICLES

- Fashing, P.** (2007) The Modern Zoo: Ensuring a Future for Wildlife and Wild Places. *Zoo Explorer* 11: 14-16
- Fashing, P.** (2006). Expedition to the Baboons at the Top of the World. *Zoo Explorer* 10: 18-20.
- Fashing, P.** (2005). Notes from the Rainforest: A Field Season in Kenya. *Zoo Explorer* 9: 16-18.
- Fashing, P.** (2004). Into Africa: Encounters with the Future of Conservation. *Zoo Explorer* 8: 6-17.
- Cords, M. and **Fashing, P.** (2002). Conserving Africa's forests. *CERC Notes* Fall 2002: 11.
- Fashing, P.** (1999). Forest guardian. *Swara* 22: 18-23.

BOOK REVIEWS

- Fashing, P.J.** (2001). Egalitarianism and group selection in human evolution. Review of C. Boehm's *Hierarchy in the Forest: The Evolution of Egalitarian Behavior*. *Current Anthropology* 42(5): 770-771.
- Fashing, P.** (2001). An introduction to primate behavioral ecology suitable for college students? Review of K.B. Strier's *Primate Behavioral Ecology*. *American Journal of Primatology* 53(4): 177-178.

EDITORIAL SERVICE

Editorial Board: *International Journal of Primatology* (2004-present)
Reviewer: *American Journal of Physical Anthropology*; *American Journal of Primatology*; *Animal Behaviour*; *Behavioral Ecology and Sociobiology*; *Behaviour*; *Biodiversity and Conservation*; *Biological Conservation*; *Biotropica*; *Diversity and Distributions*; *Forest Ecology and Management*; *International Journal of Primatology*; *Primates*; *Zoo Biology*

SYMPOSIUM ORGANIZER

“Behavior, Ecology, and Conservation of the Colobine Monkeys”, a one-day symposium held on 27 August 2004 at the 20th Congress of the International Primatological Society in Torino, Italy. A special issue of the *International Journal of Primatology* was recently published (2007: Volume 28, Number 3, Pages 507-728) focusing on contributions from this symposium

MEETINGS ABSTRACTS

- Cash, J.F., **Fashing, P.J.**, Nguyen, N., Luteshi, P., and Opondo, W. (in review). Long-term trends in diurnal primate densities in natural and plantation forests at Kakamega Forest, Kenya. *American Journal of Physical Anthropology*
- Fashing, P.J.**, Nguyen, N., Kerby, J.T., Lee, L.M., Nurmi, N.O., and Venkataraman, V.V. (in review). Patterns and sources of mortality among geladas (*Theropithecus gelada*) at Guassa, Ethiopia. *American Journal of Physical Anthropology*
- Lee, L., Nurmi, N., Nguyen, N., and **Fashing, P.J.** (in review). Observations of multiple live births in wild geladas (*Theropithecus gelada*) at Guassa, Ethiopia. *American Journal of Physical Anthropology*
- Fashing, P.J.**, and Nguyen, N. (2009). Gelada feeding ecology in a tall grass ecosystem: Influence of body size on diet. *American Journal of Primatology* 71: 60.
- Fashing, P.J.**, Nguyen, N., Kerby, J.T., Lee, L.M., Nurmi, N., and Venkataraman, V.V. (2009). Two group takeovers, infanticides and pregnancy terminations in *Theropithecus gelada* at Guassa, Ethiopia. *American Journal of Physical Anthropology* 48: 127.
- Fashing, P.J.** and Nguyen, N. (2006). A preliminary study of gelada ranging patterns and habitat use in the Menz Highlands, Ethiopia. *American Journal of Primatology* 68(S1): 147.
- Mowry, C.B., Dierenfeld, E.S., and **Fashing, P.J.** (2006). Food selection by *Colobus guereza* in Kakamega Forest, Kenya. *American Journal of Primatology* 68(S1): 146.

MEETINGS ABSTRACTS (continued)

- Fashing, P.J.**, Moody, J.E., and Shimenga, B. (2005). Black and white colobus population changes during a period of primary food tree decline. Supplement to the Monkeys: Old and New conference, New York Consortium in Evolutionary Primatology, New York, NY.
- Fashing, P.J.**, Plumptre, A.J., Mulindahabi, F., Gakima, J.B., Masozera, M., Munanura, I, and Nguyen, N. (2004). Ranging patterns of an unusually large *Colobus angolensis* group in Nyungwe Forest, Rwanda. Supplement to the International Primatological Society meetings, Torino, Italy.
- Fashing, P.J.**, Mowry, C.B., and Dierenfeld, E.S. (2002). Food selection by black and white colobus monkeys (*Colobus guereza*) in relation to plant chemistry in the Kakamega Forest, Kenya. *American Journal of Physical Anthropology* 117(S34): 69.
- Vedder, A. and **Fashing, P.J.** (2002). Diet of a 300-member Angolan colobus monkey (*Colobus angolensis*) supergroup in the Nyungwe Forest, Rwanda. *American Journal of Physical Anthropology* 117(S34): 159-160.
- Fashing, P.** (2001). What are male and female guerezas (*Colobus guereza*) defending during intergroup encounters? A test of 4 hypotheses. *American Journal of Primatology* 54(S1): 84-85.
- Fashing, P.** (1999). Diet and food choice in eastern black and white colobus monkeys in the Kakamega Forest. *American Journal of Primatology* 49(1): 50.
- Fashing, P.** and Cords, M. (1999). Diurnal primate densities and biomass in the Kakamega Forest: An evaluation of census methods and a comparison with other forests. *American Journal of Primatology* 49(1): 50-51.
- Fashing, P.** (1998). Intergroup encounters among eastern black and white colobus monkeys in the Kakamega Forest, Kenya. Supplement to the International Primatological Society meetings, Antananarivo, Madagascar.

INVITED SEMINARS

- California State University Fullerton, Department of Biology, 2009
- Los Angeles Zoo, Southern California Primate Research Forum, 2008
- California State University Fullerton, Department of Anthropology, 2008
- Case Western University, Department of Biological Sciences, 2008
- Indiana University of Pennsylvania, Department of Anthropology, 2006
- University of Pittsburgh, Department of Anthropology, 2005
- Smithsonian Institution, Conservation and Research Center, 2005
- Kent State University, Department of Anthropology, 2004
- North Carolina Zoo, Veterinary Department, 2003
- College of William and Mary, Departments of Anthropology and Biology, 2002
- Pittsburgh Zoo, Department of Science and Conservation, 2002
- Appalachian State University, Department of Anthropology, 2002
- City University of New York, Department of Anthropology, 2000

INVITED SEMINARS (continued)

Barnard College, Department of Biology, 1999

College of William and Mary, Department of Anthropology, 1998

TEACHING EXPERIENCE

LECTURER: “Introduction to Biological Anthropology”, Anthropology 101, at the Department of Anthropology, California State University, Fullerton in Fall 2009 (96 students in 2 sections).

LECTURER: “University Studies: Compass”, Anthropology 100, in Freshman Programs, California State University, Fullerton in Fall 2009 (26 students in 1 section).

LECTURER: “Primate Behavior”, Anthropology 301, at the Department of Anthropology, California State University, Fullerton in Spring 2009 (81 students in 2 sections).

LECTURER: “Field Methods in Primatology”, Anthropology 504T, at the Department of Anthropology, California State University, Fullerton in Spring 2009 (5 students in 1 section).

LECTURER: “Primate Behavior”, Anthropology 301, at the Department of Anthropology, California State University, Fullerton in Fall 2008 (65 students in 2 sections).

LECTURER: “Introduction to Biological Anthropology”, Anthropology 101, at the Department of Anthropology, California State University, Fullerton in Fall 2008 (53 students).

RESEARCH INTERN SUPERVISOR: Supervised interns from Carnegie-Mellon University, University of Pittsburgh, Indiana University of PA, and Long Island University on research projects at Pittsburgh Zoo from 2002 – 2008 (12 students).

LECTURER: “Behavioral Biology of the Living Primates”, an introductory course at the Department of Anthropology, Columbia University in Summer 2002 (18 students).

LECTURER: “Introduction to Physical Anthropology”, an introductory course at the Department of Sociology and Anthropology, Seton Hall University in Spring 2002 (25 students).

LECTURER: “Behavioral Ecology and Conservation”, a graduate seminar at the Center for Environmental Research and Conservation, Columbia University in Fall 2001 (8 students).

LECTURER: “Introduction to Human Evolution”, an introductory course at the Department of Anthropology, Queens College (CUNY) in Fall 2001 (74 students).

LECTURER: “Behavioral Biology of the Living Primates”, an introductory course at the Department of Anthropology, Columbia University in Summer 2001 (12 students).

LECTURER: “Behavioral Biology of the Living Primates”, an introductory course at the Department of Anthropology, Columbia University in Spring 2001 (108 students).

SENIOR THESIS SUPERVISOR: Supervisor for senior research projects at the Department of Anthropology and the Center for Environmental Research and Conservation, Columbia University in Spring and Fall 2001 (5 students).

UNIVERSITY, DEPARTMENTAL, AND COMMUNITY SERVICE AT CSUF

Environmental Studies Program faculty member: 2008-present

Environmental Studies committee member: 2008-present

Anthropology Department undergraduate curriculum committee member: 2009-present

Anthropology Department student research and writing skills workshop leader: September 11, 2009

Anthropology Department faculty marshal: Commencement 2009

Anthropology Department evolutionary anthropology concentration convener: 2008-present

Primate Student Association faculty advisor: 2008-present

Anthropology Department faculty hiring committee: 2008-09

Anthropology Department curriculum assessments (ANTH 101, 301, 452, 454): 2008-09

Anthropology Department curriculum vitae workshop teacher: November 19, 2008

M.Sc. thesis co-advisor for Mr. Dereje Tesfaye, Addis Ababa University: 2009-present

M.S. thesis committee member for Ms. Emily Miller, Columbia University: 2009-present

Southern California Primate Research Forum (SCPRF) advisory board member: 2009-present

SCPRF panel discussion moderator: April 25, 2009

Email and phone interview for *Faces* magazine for profile of gelada monkeys: March 2009

Global Warming Teach-In speaker at CSUF: February 5, 2009

Phone interview with BBC regarding gelada crop-raiding in Ethiopia: September 2008

RESEARCH SUPPORT

CSUF FDC International Travel Grant (2009); CSUF FDC Faculty-Student Research Grant (2009); CSUF H&SS Dean's Probationary Faculty Stipend (2009); Margot Marsh Biodiversity Fund (2008); Margot Marsh Biodiversity Fund (2007), Pittsburgh Zoological Society Research Funding (2003-2007), Cleveland Metroparks Zoo (2005), Primate Conservation, Inc. (2005), American Zoo & Aquarium Association Clark Waldram Conservation Fund (2004), Wildlife Conservation Society Postdoctoral Fellowship (2000-01), Wenner Gren Foundation for Anthropological Research (1997), L.S.B. Leakey Foundation (1997), Columbia University (1995), National Science Foundation/New York Consortium for Evolutionary Primatology Graduate Research Fellowship (1992-1999)

FIELD WORK EXPERIENCE

I have spent over 4 years conducting research on nonhuman primates in Africa:

Research on the behavioral ecology of geladas at Guassa, Menz Highlands, Ethiopia, December 2005 – February 2006; November 2006 – June 2007; March 2008 – June 2008; May 2009-July 2009

Research on eastern black and white colobus monkey behavioral ecology (and plant ecology) in the Kakamega Forest, Kenya: July 1993; November – December 1995; November 1996 – March 1998; August 1998; February – March 2003; November 2003 – January 2004; September 2004 – November 2004; February 2006 – March 2006; January 2007; June 2008

Research on the behavioral ecology of Angolan colobus monkeys and gray-cheeked mangabeys in the Nyungwe Forest, Rwanda, April – May 2000.

Primate surveys in Gashaka-Gumti National Park, Nigeria, January 1995.

LABORATORY RESEARCH EXPERIENCE

Analysis of fecal parasites for three monkey species inhabiting the Kakamega Forest, Kenya, in the laboratory of Dr. Idle Farah, Institute of Primate Research, Karen, Kenya, March – April 2003.

Nutritional analysis of plant food items in the diets of wild eastern black and white colobus monkeys and Angolan colobus monkeys in the Wildlife Nutrition Lab, Wildlife Conservation Society, Bronx, NY, March – July 2001.

Analysis of biodiversity survey results using Arcview Global Information Systems (GIS) software in the GIS Lab, Wildlife Conservation Society, Bronx, NY, June – September 2000.

Molecular genetic examination of the phylogenetic relationships of the macaques for Dr. Don Melnick and Dr. Juan Carlos Morales, Department of Anthropology, Columbia University, New York, NY, May – August 1996.

AFFILIATIONS AND MEMBERSHIPS

American Association of Physical Anthropologists; American Society of Primatologists

REFERENCES

Dr. Marina Cords, Professor, Department of Ecology, Evolution, and Environmental Biology, Columbia University, Mail Code 5529, 1200 Amsterdam Avenue, New York, NY 10027. Phone: (212) 854-7337. E-mail: mc51@columbia.edu

Dr. Barbara King, Professor, Department of Anthropology, College of William and Mary, Williamsburg, VA 23186. Phone: (757) 221-1062. E-mail: bjking@mail.wm.edu

Dr. John Oates, Professor, Department of Anthropology, Hunter College of the City University of New York, 695 Park Avenue, New York, NY 10021. Phone: (212) 772-5410. E-mail: johnoates1@aol.com