

CURRICULUM VITAE

JEANNE ALTMANN

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Major Research Interests: Non-experimental research design and analysis; ecology and evolution of family relationships and of behavioral development; primate demography and life histories; parent-offspring relationships; infancy and the ontogeny of behavior and social relationships; conservation education and behavioral aspects of conservation.

Field Work:

East Africa, 1963-64, 1969, 1971, 1972, 1974, 1975-76, 1978-present.

Degrees:

University of Alberta, Mathematics (B.A., 1962).
Emory University, Mathematics and Teaching (M.A.T., 1970).
University of Chicago, Behavioral Sciences, Committee on Human Development (Ph.D., 1979).

Employment:

Employment was part-time while attending school and raising a family.

- 1959-60 Statistical Clerk, Laboratory of Human Development, Harvard University and Office of Mathematical Research, National Institutes of Health.
- 1963-65 Research Associate and co-investigator in primate field studies, Dept. of Zoology, University of Alberta.
- 1965-67 Research Associate and co-investigator, Yerkes.
- 1969-70 Regional Primate Research Center, Atlanta, Georgia.
- 1970-85 Research Associate, Department of Biology, University of Chicago.
- 1989-90 Honorary Lecturer, Department of Zoology, University of Nairobi (also unofficially some years before and since).
- 1985-89 Associate Professor, Department of Ecology & Evolution, University of Chicago.
- 1985- Research Curator and Associate Curator of Primates, Chicago Zoological Society.
- 1989-98 Professor, Department of Ecology & Evolution, The University of Chicago (Also Committee on Biopsychology, Committee on Evolutionary Biology, and the College).
- 1991-98 Chair, Committee on Evolutionary Biology, University of Chicago.
- 1998 Professor, Department of Ecology & Evolutionary Biology, Princeton University
- 1999- Faculty Associate, Office of Population Research, Princeton University
- 2003-08 Visiting Professor, Department of Animal Physiology, University of Nairobi
- 2005- Faculty Associate, Princeton Environmental Institute

Honors, Appointments, and Service:**Offices, Boards, Review Panels, and Editorial**

Acting Chairperson (1980) and Member (1980-82, 1986-89), Board of Scientific Directors, Karisoke Research Centre, Rwanda

Member, Committee on Biosocial Perspectives on Parent Behavior and Offspring Development, Social Science Research Council, (1984-91).

President, Animal Behavior Society, (1985-86).

Member, Executive Committee, Animal Behavior Society (1978-82; 1984-87); Nominating Committee (1987-89).

Member, Board of Trustees, Scientist Center for Animal Welfare, (1981-91).

Member, University of Chicago Press Board of Publications, (1989-93).

Member, Advisory Council, Department of Ecology & Evolutionary Biology, Princeton University, (1991-97); Chair, Advisory Council (1996-97).

Member, Review Committee, Department of Zoological Research, National Zoological Park, Smithsonian Institution, (1992).

Member, International Ethological Congress Committee, (1992-95).

Vice-President for Conservation and member of the Executive Council, International Primatological Society, (1992-96).

Member, Visiting Committee, Department of Anatomy and Biological Anthropology, Duke University, (1993).

Member, Visiting Committee, Department of Organismic and Evolutionary Biology, Harvard University (1994-97).

Member, Advisory Board, Field Museum/NSF research training in museum-based organismal biology; minority and women undergraduates (1994-97).

Member, Review Committee, Energy Systems Division, Argonne National Laboratory (1995-98).

Member, Board, Museum Learning Collaborative, U Pitt. Learning Research and Development Center (1997-2000).

Member, Board of External Advisors, Wisconsin National Primate Research Center (2000-present).

Chair, Scientific Advisory Committee, NSF-supported Integrated Primate Biomaterials and Information Resource (2001-present).

Member, NAS/NRC Advisory Committee, Describing Biologically Significant Marine Mammal Behavior, (2003-05).

National Science Foundation:

Member, Scientific Advisory Panel – 9 years.

Member, Task Force, Behavioral, Biological, and Social Sciences, Looking Toward the 21st Century, (1990-91).

Member, Advisory Council, Directorate for Social, Behavioral, and Economic Sciences, (1992-94; 2002-2005).

Member, Advisory Council, Office of International Programs, (2004-present)

Editor, Animal Behaviour, 1978-82.

Consulting Editor, American Journal of Primatology, (1981-2002).

Member, Editorial Panel, Monographs in Primatology, (1982-90).

Member, Editorial Board, Bioscience, (1983-88).

Member, Editorial Board, ISI Reviews in Animal Science, (1988).

Member, Editorial Board, Human Nature, (1989-93).

Member, Editorial Board, International Journal of Primatology, (1990-94).

Member, Editorial Board, American Naturalist, (1991-94).

Consulting Editor, Zoo Biology, (1995-99).

Member, Editorial Board, Behavioral Ecology and Sociobiology, (1997-2002).

Member, Editorial Board, Animal Behaviour, (1997-present).

Member, Advisory Board, International Encyclopedia of the Social and Behavioral Sciences, (1998-2001)

Honors, Appointments, and Service (cont'd):

Manuscript reviewer: Animal Behaviour, American Journal of Physical Anthropology, American Naturalist, Behavioral Ecology and Sociobiology, Developmental Psychobiology, Ecology, International Journal of Primatology, Journal of Gerontology: Psychological Sciences, Journal of Mammalogy, National Geographic Research, Nature, Science, Oikos, Psychological Bulletin, Zoo Biology.

Book manuscript reviewer: Aldine Pub., Harvard University Press, Oxford University Press, Princeton University Press., University of Chicago Press.

Honors:

Marc Perry Galler Prize for the outstanding doctoral dissertation in the Div. Soc. Sci., University of Chicago, (1978-79).

Prof. Fellow, Amer. Assoc. Zool. Parks & Aquar., (Elected 1988).

Fellow, Animal Behavior Society, (Elected 1988).

Fellow, Center for Advanced Study in the Behavioral Sciences, (1990-91).

Citation Classics; 1974 sampling paper chosen in 1986 based on field of animal behavior and in 1992 as most cited paper in journal, Behaviour.

Animal Behavior Society Exemplar Award, (1996).

Fellow, American Academy of Arts and Sciences, (Elected 1996).

Member, National Academy of Science, (Elected 2003).

Selected University Service (others available on request):

University of Chicago:

Member, Provost's Task Force on Sexual Harassment, (1989-90).

Chair, Committee on Undergraduate Biology Research, (1989).

Chair, Provost's Task Force on Crime Notification, (1992).

Member, Psychiatry Chair Search Committee, (1993).

Member, Committee on Appointments and Promotions, BSD, (1995-98).

Training Grant Director, NSF Biodiversity Training Grant (1994-98).

Princeton University

Committee for the Program in African Studies.

Executive Committee, Princeton-in-Africa Program.

EEB Departmental Undergraduate Representative.

Fellow, Butler College.

Executive Committee, African Studies Program.

Committee on Undergraduate Admissions and Financial Aid.

Faculty Associate, Office of Population Research

Faculty Associate, Princeton Environmental Institute

Guest Lecturer, Princeton Environmental Institute Seminar Series, 2005

Guest Lecturer, African studies course, 2004, 2006.

Current Research Funding

Chicago Zoological Society

National Science Foundation (individual collaborative research grants plus REU supplements)

Publications (other than abstracts):

(Sole author unless indicated)

1970 Baboon Ecology: African Field Research. (Altmann, S. & J. Altmann). University of Chicago Press and S. Karger, Basel. (Bibliotheca Primatologica, 12).

- 1974 Observational study of behavior: sampling methods. *Behaviour* 49: 227-267 [reprinted in Foundations of Animal Behavior, L.D. Houck & L.C. Drickamer, eds. University Chicago Press, 1996].

Publications, cont'd.

- 1977 Life history of yellow baboons: physical development, reproductive parameters, and infant mortality. (Altmann, J., S. Altmann, G. Hausfater, & S.A. McCuskey). *Primates* 18: 315-330.
- 1977 On the analysis of rates of behavior. (Altmann, S. & J. Altmann). *Anim. Behav.* 25: 364-372.
- 1978 Infant independence in yellow baboons. Ch. 13. In: Ontogeny of Behavior, G. Burghardt & M. Bekoff, eds. New York: Garland.
- 1978 Primate infant's effects on mother's future reproduction. (Altmann, J., S. Altmann & G. Hausfater). *Science* 201: 1028-1030.
- 1979 Ecology of Motherhood and Early Infancy. Ph.D. dissertation, University of Chicago.
- 1979 Age cohorts as paternal sibships. *Behav. Ecol. Sociobiol.* 6: 161-164.
- 1979 Demographic constraints on behavior and social organization. (Altmann, S. & J. Altmann). Pp. 47-63. In: Primate Ecology and Human Origins, I.S. Bernstein & E.O. Smith, eds. New York: Garland.
- 1980 Baboon Mothers and Infants. Cambridge: Harvard University Press [reprinted University of Chicago Press, 2001].
- 1981 Physical maturation and age estimates of yellow baboons, *Papio cynocephalus*, in Amboseli National Park, Kenya. (Altmann, J., S. Altmann & G. Hausfater). *Amer. J. Primatol* 1: 389-399.
- 1982 Long-term consistency of dominance relations among female baboons (*Papio cynocephalus*). (Hausfater, G., J. Altmann & S. Altmann). *Science* 217: 752-755.
- 1982 Mother baboon. (Luft, J. & J. Altmann). *Natural History* 9: 30-39 [semi-popular article; reprinted with update in The Primate Anthology, R.I. Ciochon & R.A. Nisbett, eds. Prentice-Hall, 1997.].
- 1983 Costs of reproduction in baboons (*Papio cynocephalus*). Pp. 67-88. In: Behavioral Energetics: The Cost of Survival in Vertebrates, W.P. Aspey & S.I. Lustick, eds. Columbus: Ohio State University Press.
- 1984 Sociobiological perspectives on parenting. Pp. 9-23. In: Parenting: Psychodynamic Perspectives, R.S. Cohen, S.H. Weissman, & B. Cohler, eds. New York: Guilford.
- 1984 Observational methods for insect behavioral ecology. *Fla. Entomol.* 67: 50-56.
- 1985 Demography of Amboseli baboons: 1963-1983. (Altmann, J., G. Hausfater & S. Altmann). *Amer. J. Primatol* 8: 113-125.
- 1985 Development of social behavior in free-living nonhuman primates. (Pereira, M., & J. Altmann). Pp. 217-309. In: Nonhuman Primate Models for Human Growth and Development, E.S. Watts, ed. New York: Alan Liss, Inc.
- 1985 Ecology and behavior of a pest primate: vervet monkeys in a tourist lodge habitat. (Brennan, E.J., J.G. Else, & J. Altmann). *Afr. J. Ecology* 23: 35-44.

- 1986 Adolescent pregnancies in non-human primates: an ecological and developmental perspective. In: School-age Pregnancy and Parenthood: Biosocial Dimensions, J. Lancaster & B. Hamburg, eds. Aldine.

Publications, cont'd.

- 1986 Parent-offspring interactions in anthropoid primates: an evolutionary perspective. In: The Evolution of Behavior, M. Nitecki & J. Kitchell. eds. Oxford University Press.
- 1986 Immigration of a *Papio anubis* male into a group of *Papio cynocephalus* baboons and evidence for an anubis-cynocephalus hybrid zone in Amboseli, Kenya. (Samuels, A., & J. Altmann). *Intl. J. Primatol* 7: 131-138.
- 1986 Ecology and behaviour of vervet monkeys in a tourist lodge habitat. (Lee, P.C., E.J. Brennan, J.G. Else & J. Altmann). Pp. 229-235. In: V.2 Primate Ecology and Conservation, J.G. Else & P.C. Lee, eds. Cambridge University Press.
- 1987 Lifespan aspects of reproduction and parental care in anthropoid primates. Pp. 15-29. In: Parenting Across the Lifespan, J. Lancaster, J. Altmann, A.S. Rossi, & L.R. Sherrod, eds. New York: Aldine.
- 1987 Parenting Across the Lifespan, J. Lancaster, J. Altmann, A.S. Rossi, & L.R. Sherrod, eds. New York: Aldine.
- 1987 Continuity and change in dominance relations among female baboons. (Samuels, A., J. Silk & J. Altmann). *Anim. Behav.* 35: 785-793.
- 1987 Primatology in East Africa (book review). *Science* 235: 694-695.
- 1987 Body mass and growth rates in a wild primate population. (Altmann, J. & S. Alberts). *Oecologia* 72: 15-20.
- 1987 Fatal intragroup kidnapping in yellow baboons. (Shopland, J. & J. Altmann). *Amer. J. Primatol.* 13: 61-65.
- 1988 Determinants of reproductive success in savannah baboons. (Altmann, J., G. Hausfater & S. Altmann). In: Reproductive Success, T. Clutton-Brock, ed. Chicago: University of Chicago Press. Pp. 403-418.
- 1988 Primatology (book review). *Science* 240: 1076-1078.
- 1988 Foreword. In: Ecology & Behavior of Food-Enhanced Primates, C. Southwick & J. Fa, eds. New York: Alan Liss, Inc. Pp. ix-xiii.
- 1988 Twinning in callimicos. (Altmann, J., M. Warneke, & J. Raemer). *Int. J. Primatol.* 9: 165-168.
- 1988 Differences in daily life between semi-provisioned and wild-feeding baboons. (Altmann, J. & P. Muruthi). *Amer. J. Primatol.* 15: 213-221.
- 1989 Upscale baboons. (Altmann, J. & A. Samuels). *Natural History*. 5/89 [semi-popular article].
- 1989 Baboons in two worlds. *Bison* 4: 10-17 [semi-popular article].
- 1990 Primate males go where the females are. *Anim. Behav.* 39: 193-194.
- 1991 Models of status-correlated bias in offspring sex-ratio. (Altmann, M. & J. Altmann). *American Naturalist* 137: 542-555.

- 1991 Baboons of the Amboseli basin: Demographic statics and dynamics (Samuels, A. & J. Altmann). *Int. J. Primatol.* 12: 1-19.
- 1991 Incidences of hypercortisolism and dexamethasone resistance increase with age among wild baboons. (Sapolsky, R. & J. Altmann). *Biological Psychiatry* 30: 1008-1016.

Publications, cont'd.

- 1991 Resource base, parity, and reproductive condition affect female's feeding time and nutrient intake within and between groups of a baboon population. (Muruthi, P., J. Altmann, & S. Altmann). *Oecologia* 87: 467-472.
- 1991 Review of Mammalian Parenting by Krasnegor & Bridges. *Quart. Rev. Biology* 66: 363-364.
- 1992 Costs of parental care in a non-human primate: infant-carrying in baboons. (Altmann, J. & A. Samuels). *Behav. Ecol. Sociobiol.* 29: 391-398.
- 1992 Endocrine and Developmental Correlates of Unilateral Cryptorchidism in a Wild Baboon (Altmann, J., S. Alberts & R. Sapolsky). *Amer. J. Primatol.* 26: 309-314.
- 1992 Leading Ladies. *Natural History*. 2/92 [semi-popular article; reprinted with update in The Primate Anthology, R.I. Ciochon & R.A. Nisbett, eds. Prentice-Hall, 1997].
- 1992 Behavioral, endocrine, and immunological correlates of immigration by an aggressive male into a natural primate group. (Alberts, S., R. Sapolsky, & J. Altmann). *Hormones and Behavior* 26: 167-178.
- 1992 Methods for analysis of unbalanced, longitudinal growth data. (Moses, L.E., L.C. Gale, & J. Altmann). *Amer. J. Primatol.* 28: 49-59.
- 1993 Sex-biased lactational duration in a human population and its reproductive costs. (Margulis, S.W., J. Altmann, C. Ober). *Behav. Ecol. Sociobiol.* 32: 41-45.
- 1993 Periodontal disease in free-ranging baboons of Ethiopia and Kenya. (Phillips-Conroy, J.E., C.F. Hildebolt, J. Altmann, C.J. Jolly, & P. Muruthi). *Amer. J. Phy. Anthro.* 90: 359-371.
- 1993 Body size and fatness of free-living baboons reflect food availability and activity levels. (Altmann, J., D. Schoeller, S. Altmann, P. Muruthi & R. Sapolsky). *Amer. J. Primatol.* 30: 149-161.
- 1993 Brookfield's Baby Watch. *Bison* 7: 30-33. [semi-popular article]
- 1993 DNA fingerprinting and the problems of paternity determination in an inbred captive population of guinea baboons (*Papio hamadryas papio*). (Bruford, M.W. & J. Altmann). *Primates* 34: 409-417.
- 1993 Senescent decline in serum dehydroepiandrosterone sulfate concentrations in a population of wild baboons. (Sapolsky, R.M., J.H. Vogelman, N. Orentreich, & J. Altmann). *J. Gerontology: Biological Sciences* 48: B196-B200.
- 1995 Balancing costs and opportunities: dispersal in male baboons. (Alberts, S. & J. Altmann). *Am. Nat.* 145: 279-306.
- 1995 Preparation and activation: determination of age at reproductive maturity in male baboons. (Alberts, S. & J. Altmann). *Behav. Ecol. Sociobiol.* 36: 397-406.
- 1995 Baboon fertility and social status. (Altmann, J., R. Sapolsky, P. Licht). *Nature* 377: 688-690.

- 1995 Out of East Africa. *Science* 270: 1381-1383. [feature book review].
- 1996 Mate guarding imposes foraging constraints on male baboons. (Alberts, S.C., J. Altmann, & M.L. Wilson). *Anim. Behav.* 51: 1269-1277.
- 1996 Foraging in a variable environment: weather patterns and the behavioral ecology of baboons. (Bronikowski, A. & J. Altmann). *Behav. Ecol. Sociobiol.* 39: 11-25.

Publications, cont'd.

- 1996 Well-being of animals in zoo and aquarium-sponsored research: summary and looking to the future. SCAW conference proceedings. Pp 133-135. Scientist Center for Animal Welfare, Greenbelt, MD.
- 1997 Mate choice and intrasexual reproductive competition: Contributions to reproduction that go beyond acquiring more mates. Pp 320-333. In: *Feminism and Evolutionary Biology: boundaries, intersections, and frontiers*, P. Gowaty, ed. New York: Chapman Hall.
- 1997 Hypercortisolism associated with social subordination or social isolation among wild baboons. (Sapolsky, R. M., S. C. Alberts, J. Altmann). *Archives of General Psychiatry* 54: 1137-1143.
- 1997 Behavioural risk factors in the reproduction of inbred and outbred oldfield mice. (Margulis, S. W. & J. Altmann). *Anim. Behav.* 54: 397-408.
- 1998 The Evolving Female [book review]. *Quat. Rev. Biol.* 73: 545-6.
- 2000 Models of outcome and process: Predicting male distribution among primate groups. Ch 20 (pp. 236-247). In: *Primate Males*, P. Kappler, ed. Cambridge University Press.
- 2000 Testing the reliability of microsatellite typing from faecal DNA in the savannah baboon. (Bayes, M.K., K.L. Smith, S.C. Alberts, D.J. Cheesman, J. Altmann & M.W. Bruford). *Conservation Genetics* 1: 173-176
- 2000 Cross-species amplification, non-invasive genotyping, and non-Mendelian inheritance of human STRPs in savannah baboons. (Smith, K.L., S.C. Alberts, M.K. Bayes, M.W. Bruford, J. Altmann, & C. Ober). *Amer. J. Primatol* 51: 219-227.
- 2001 Immigration and hybridization patterns of yellow and anubis baboons in and around Amboseli, Kenya. (Alberts, S.C. & J. Altmann). *Amer. J. Primatol*, 53: 139-154.
- 2001 Status change during adulthood: life-history byproduct or kin-selection based on reproductive value? (Combes, S.L. & J. Altmann). *Proc. Roy. Soc. (B)*, 268: 1367-1373.
- 2001 Natural selection shines the spotlight on mothers and infants [book review]. (Altmann, J. & R.A. Altmann). *Evol. Anthropol.* 10: 72-74.
- 2001 Baboon Mothers and Infants [new Forward to reprint edition of 1980 book]. Chicago: University of Chicago Press.
- 2001 Natural selection for male choice based primarily on mate compatibility. (Ryan, K.K. & J. Altmann). *Behav. Ecol. Sociobiol.* 50: 436-440.
- 2001 Primate behavior: significance for understanding humans. (Fox, E.A. & J. Altmann). *International Encyclopedia of Behavioral & Social Sciences* 18: 12017-12023.
- 2002 Dramatic change in local climate patterns in the Amboseli basin. (Altmann, J., S.C. Alberts, S.A. Altmann, & S.B. Roy). *Afr. J. Ecol.*, 40: 248-251.

- 2002 Information content of female copulation calls in yellow baboons. (Semple, S., K. McComb, S.C. Alberts, & J. Altmann). *Amer. J. Primatol* 56: 43-56.
- 2002 Effects of food availability on serum insulin and lipid concentrations in free-ranging Baboons (Kemnitz, J.W., R.M. Sapolsky, J. Altmann, P.M. Muruthi, G.E. Mott & M.L. Stefanick). *Amer. J. Primatol* 57: 13-19.

Publications, cont'd.

- 2002 Aging Baboon: comparative demography in a nonhuman primate. (Bronikowski, A.M., S.C. Alberts, J. Altmann, C. Packer, K.D. Carey & M. Tatar). *Proc. Natl. Acad. Sci.* 99: 9591-9595.
- 2002 A matter of time: evaluation the storage of fecal samples for steroid analysis. (Khan, M.Z., J. Altmann, S.S. Isani & J. Yu). *Gen. Comp. Endo.* 128: 57-64.
- 2002 Significance of primate sexual swelling. (Zinner, D., S. Alberts, C.L. Nunn & J. Altmann). *Nature* 420: 142-143.
- 2003 Matrix models for primate life history analysis. (Alberts, S.C. & J. Altmann). Ch. 4 (pp. 66-102) In: *Primate Life History and Socioecology*, P. Kappeler & M.E. Pereira, eds. Chicago: University of Chicago Press.
- 2003 Variability in reproductive success viewed from a life-history perspective in baboons. (Altmann, J. & S.C. Alberts). *Am. J. Hum. Biol.*, 15: 401-409.
- 2003 Gastrointestinal parasites in free-ranging Kenyan baboons. (Hahn, N.E., D. Proulx, P.M. Muruthi, S. Alberts & J. Altmann). *Intl. J. Primatol* 24: 271-279.
- 2003 Queuing and queue-jumping: Long term patterns of reproductive skew among male savannah baboons. (Alberts, S.C., H.E. Watts & J. Altmann). *Anim. Behav.* 65: 821-840.
- 2003 Wild female baboons bias their social behaviour towards paternal half-sisters. (Smith, K., S.C. Alberts, and J. Altmann). *Proc. Roy. Soc. Ldn.* 270: 503-510.
- 2003 Serum Leptin Levels as a Marker for a Syndrome X-like Condition in Wild Baboons. (Banks, W.A., J. Altmann, R.M. Sapolsky, J.E. Phillips-Conroy, and J.E. Morley). *J. Clin. Endo. and Metab.* 88: 1234-1240.
- 2003 Intraspecific variability in fertility and offspring survival in a nonhuman primate: behavioral control of ecological and social sources. (Altmann, J. & S.C. Alberts). Ch. 6 (pp. 140-169). In: *Offspring: The biodemography of fertility and family behavior*, K.W. Wachter & R.A. Bulatao, eds. Washington, DC: National Academy Press.
- 2003 The transformation of behaviour field studies. (Altmann, S.A. & J. Altmann). *Anim. Behav.* 65: 413-423.
- 2003 Concentrations of four fecal steroids in wild baboons: short-term storage conditions and consequences for data interpretation. (Lynch, J.W., M.Z. Khan, J. Altmann, M.N. Njahira and N. Rubenstein). *Gen. Comp. Endo.* 132: 264-271.
- 2003 True paternal care in a multi-male primate society. (Buchan, J.C., S.C. Alberts, J.B. Silk, & J. Altmann). *Nature* 425: 179-181.
- 2003 Social bonds of female baboons enhance infant survival. (Silk, J.B., S.C. Alberts, and J. Altmann). *Science* 302: 1231-1234.

- 2004 Patterns of Coalition Formation by Adult Female Baboons in Amboseli, Kenya. (Silk, J.B., S.C. Alberts, and J. Altmann). *Anim. Behav.* 67: 573-582.
- 2004 Life-history correlates of steroid concentrations in wild peripartum baboon. (Altmann, J., J.W. Lynch, N. Nguyen, S.C. Alberts, & L.R. Gesquiere). *Amer. J. Primatol* 64: 95-106.
- 2005 Growth rates in a wild population: Ecological influences and maternal effects. (Altmann, J. and S.C. Alberts). *Behav. Ecol. Sociobiol.* 57: 490-501.

Publications, cont'd.

- 2005 Coming of age: steroid hormones of wild immature baboons, *Papio cynocephalus*. (Gesquiere, L.R., J. Altmann, S.C. Alberts, M.Z. Khan, J. Couret, J.C. Yu, C.S. Endres, J.W. Lynch, P. Ogola & E. Wango). *Amer. J. Primatol* 67: 83-100.
- 2005 Seasonality and long term change in a savannah environment. (Alberts, S.C., J. Hollister-Smith, R.S. Mututua, S.N. Sayialel, P. Muruthi, J. Kinyua Warutere, J. Altmann). In: *Primate Seasonality: Implications for Human Evolution*, D. K. Brockman and C. P. van Schaik, eds. Cambridge University Press.
- 2005 Kinship & Behavior in Primates [book review]. *Quat. Rev. Biol.* 80: 265-6. *Quart Rev Bio*, 2005
- 2006 The endocrinology of pregnancy and fetal loss in wild baboons. (Beehner J.C., N. Nguyen, E. Wango, S.C. Alberts, J. Altmann). *Hormones and Behavior* 49:688-699.
- 2006 The ecology of conception and pregnancy failure in wild baboons. (Beehner J.C., D. Onderdonk, S.C. Alberts, J. Altmann). *Behav. Ecol.* 17:741-750.
- 2006 The evolutionary past and the research future: environmental variation and life history flexibility in a primate lineage. (Alberts, S. & J. Altmann). In: *Reproduction and Fitness in Baboons: Behavioral, Ecological, and Life History Perspectives*, L. Swedell & S. Leigh, eds. Springer, New York.
- 2006 Social relationships among adult female baboons (*Papio cynocephalus*): I. Variation in the strength of social bonds. (Silk, J.B., J. Altmann, S.C. Alberts). *Behav. Ecol. & Sociobiol.* (Published online September 13, 2006).
- 2006 Social relationships among adult female baboons (*Papio cynocephalus*): II. Variation in the quality and stability of social bonds. (Silk, J.B., S.C. Alberts, J. Altmann). *Behav. Ecol. & Sociobiol.* (Published online September 13, 2006).
- 2006 Mechanisms of sexual selection: sexual swellings and estrogen concentrations as fertility indicators and cues for male consort decisions in wild baboons. (Gesquiere, L.R., E.O. Wango, S.C. Alberts, J. Altmann). *Hormones and Behavior* (Available online October 5, 2006).
- 2006 Sexual selection in wild baboons: from mating opportunities to paternity success. (Alberts, S.C., J.C. Buchan, J. Altmann). *Animal Behaviour* (Available online October 9, 2006).
- 2006 Ancient polymorphism and functional variation in the primate MHC-DQA1 5' cis-regulatory region. (Loisel, D., M. Rockman, G. Wray, J. Altmann, S. Alberts). *Proceedings of the National Academy of Sciences* (in press).
- 2006 Divided destinies: group choice by female savannah baboons during social group fission. (Van Horn, R.C., J.C. Buchan, J. Altmann, S.C. Alberts). (submitted).

- 2006 Assessing kinship with pedigree data, demographic data, and genetic estimates of relatedness. (Van Horn, R.C., J. Altmann, S.C. Alberts). (submitted).

Other publications from my research group

Available by request

Student training, classes (not including others' classes in which one or two lectures are given):

- Animal behavior in action: Laboratory course in animal behavior
- Observational methods in behavioral ecology
- Social context of vertebrate reproduction (topics differ each year, e.g. parental care, mate choice, etc.)
- Professional Issues (including ethics, grant writing, obtaining jobs, publishing, integrating career and personal goals, employment options, etc)
- Behavioral Ecology
- Natural History of Mammals
- Evolution and the Behavior of the Sexes

Student training, non-class:

Post-doctoral fellows

Susan Margulis (1997-8; Primate Curator, Lincoln Park Zoo)
 Memuna Khan (1999-2001; Lecturer U. Wisc, Oshkosh; Asst Prof Ripon College starting Sep06)
 ElizaBeth Fox (2000-2002; student administrator N. Carolina State U.)
 Jessica Lynch (2001-2003; Assist Prof. Eastern Wash. Univ.)
 Jacinta Beehner (2003-present; Assist Prof Univ Michigan starting 2006)
 Laurence Gesquiere (2003-present)

Ph.D. students (primary advisor)

Michael Pereira (1984; Latin School of Chicago)
 Susan C. Alberts (1992; Assoc. Prof, Duke University)
 Susan W. Margulis (1996; Primate Curator, Lincoln Park Zoo)
 Kashka Kubzdela (1997; researcher U.S. Dept of Education)
 Kerri Smith (2000; not currently in science)
 Karen K. Ryan (2000; full time raising a family; Postdoctoral Fellow U.Cincinnati starting Sep06)
 Tatjana Good (2004, project officer, biodiversity, DIVERSITAS)
 Nga Nguyen (current EEB Princeton Ph.D. June 2006)
 Patrick Ogola Onyango (current EEB Princeton)

Other Ph.D. committees

Cynthia Hedricks (Biopsychology; Southern Calif. U)
 Carol Saunders (PhD Cornell University; Director, Communications Research Chicago Zoological Society)
 Julia Horracks (U West Indies)
 Fred Janzen (1992; Iowa State University)
 Kimberly Hughes (1993; University of Illinois)
 Kevin Dixon (1993; University of Illinois)
 Cherri Reccia (PhD Woods Hole Ocean. Institute, 1994; Marine Programs, WWF-Canada)
 Philip Muruthi (1997, Princeton University; Chief Scientist, African Wildlife Fnd)
 Leslie Hornig (1995; U Chicago Laboratory Schools)
 Philip Johns (1997)
 Jordan Karubian ()
 Paul Muoria (2001, PhD Kenyatta U, Kenya; Institute of Primate Research, Natl Museums Kenya)
 Jason Wilder (2002)
 Vanessa Ezenwa (2002; Montana State U)
 Ethan Pride (2003; Boston U)
 Lynn B. Martin (2004; Ohio State U)
 Jennifer Maupin (2005; Santa Barbara State College)
 Siva Sundaresan (EEB, Princeton- Ph.D., expected 2006)

Masters students (primary advisor)

Mary Frances Muraski (1990; exhibits developer, Field Museum of Natural History)
 Kerri Smith (1992, MAPPS program)

Anne Bronikowski (1994; PhD 1997; Assist Prof, Iowa State)
 Mary Ellen Brandao (1996, MAPPS program)
 Juliet Furneaux (1995; undergraduate laboratory, Biology Dept, Duke U)
 David Walter Odede (2003, co-advisor, Kenyatta Univ. student, currently UNDP GIS program)
 Patrick Ogola (2005, University of Nairobi, current PhD student, EEB Princeton U)

Undergraduate research advising

Mark Paul (1987)
 Karen Nelson (1987; PhD U III)
 Paula Chimura (1989)
 Nenetzin Gerald (1988-90; MSc Princeton U; Dian Fossey Gorilla Fund)
 Laura Federson (1989-90; vet. school U III)
 Colin Brent (1990; Ph.D. Boston University)
 Michael Hsu (1990; medical school)
 Timothy Reed (1989-91; U Mich. joint Enviornmental/Business Ph.D.)
 Dominique Shimizu (1992-4; MSc SUNY Stonybrook)
 Michael Wilson (1992; PhD, Howard Hughes Fellow, Harvard U; PostDoc UMin)
 Maria Glymour (1992-3; public health)
 Colleen Webb (1992-3; PhD Cornell U; Assist Prof UColorado)
 Alison Marie Bell (1993-4; PhD U.C. Davis)
 Liz Perry (1995; White House Fellow; Duke U Law School)
 Nicky Osypka (1995-8; UC-Berkeley PhD student)
 Stephanie Combes (1995-8; MSc Duke U; Research Coordinator Duke U Primate Center)
 Agatha Sajewicz (1996-7)
 Melanie Moore (Hampton University '00; U Chicago Public Policy Program)
 Tammy Wiley, Lake Forest College (1997)
 Mark Nabong (1997-9)
 Anna Mosser (1997-9; PhD candidate U Minn)
 Patricia Smith (Princeton '00; public heath master's program)
 Alice Hsu (Princeton '00; U Pa vet school)
 Jessica Zayas (Princeton '00; middle school teaching)
 Sara Isani (Princeton '01; medical school)
 Dan Osei (Princeton '01; medical school)
 Danielle Wright (Princeton '01)
 Catherine Christman (Princeton '02; medical school)
 Jennifer Yu (Princeton '03; medical school)
 Rose Roll (Princeton '03)
 Sarah Mathew (Princeton '03; PhD program UCLA)
 Brian Elliott (Princeton '03; medical school)
 Courtney Endres (Princeton '03; conservation NGO's)
 Franklin West (Morehouse College '04; PhD program U Ga)
 Janelle Couret (Princeton '04; MSc program, envivornment, Duke U)
 Lili Shek (Princeton '04; public health research and delivery)
 Rebecca Sealfon (Princeton '05)
 Roselyn Whitley (Princeton '05)
 David R. Williams (Princeton '05; medical school)
 Laura Okpala (Princeton '06)
 Claire Trunk (Princeton '06)

Selected High School mentoring

Melanie Moore (1994-1996, Hampton University, B.A. 2000; University of Chicago, Masters in Policy Studies 2006)
 Bati Myles (1996-8; Rice U, BA 2003; currently Northwestern University Medical School)
 Gabriel Bender (1999-2005; current University of Chicago undergraduate)

Selected other Mentoring: Advanced Training Program in Tropical Biodiversity

Naftali Kio (intern, 1994; currently Senior Warden, Tsavo Park, Kenya)
 Alina Kipchumba (intern, 1994; currently Ph.D. candidate U Illinois)
 Washington Ayiemba (intern, 1995; Director, Kipepeo Project and Birdlife International Project, Kenya and PhD candidate Kenyatta University):

Invited Lectures/Workshops, Outside Home Institutions, Accepted in Recent Years:

(approximately two additional non-classroom lectures per year within home institutions but not in own departments)

- 2000 -University of Wisconsin
 -NSF Workshop on Non-human primate biomaterials banking (invited co-organizer)
 -University of Nevada
 -NY area Primate Consortium
- 2001 -SUNY-Stonybrook
 -Emory University
 -NSF Workshop on an Evolutionary Synthesis Center
 -NICHD
 -AmAcadArts&Science Biocomplexity Conference on Human Origins
- 2002 -NatAcadSci Conference on Biodemographic Perspectives on Human Fertility
 -Human Biology Association: Pearl Memorial Lecturer
 -NSF EthoInformatics Workshop
 -NatAcadSci Conference on Biodemographic Perspectives on Human Fertility
 -NSF Workshop on Primate Genomics Toward Understanding Human Origins
 -UNC, Chapel Hill
- 2003 -NSF-sponsored EthoSource Workshop
 -NAS/NRC Committee on Biologically Significant Marine Mammal Behavior
 -Science of Well-Being, The Royal Society, London
 -Public lecture, The Royal Society, London
 -Public lecture, Novartis Foundation, London
 -Intl Brain Research Org. African Neuroscience School, Nairobi, Kenya
- 2004 -IPS2004, Torino, Italy; keynote speaker
 -American Society of Primatologists Symposium on Field Behavioral Endocrinology
- 2005 -University of Georgia, Evolution Program and Animal Behavior Seminars
 -Portland State University
 -Utah State University Ecology Program and Animal Behavior Seminar
 -Indiana University
 -NCEP Symposium
 -Hans Kummer Symposium, Zurich
 -International Brain Research Organization African Neuroscience School

Activities for a General Audience (selected):

- 3-2-1-Contact public television children's science show segment
- Faculty lecturer, UofChicago West African tour
- U. of Chicago Alumni Association; Research, Education, and Conservation Using Zoos; day of lecture and student demonstrations at Brookfield Zoo (approx. 100 family members)
- Fortnightly Club of Chicago
- UofChicago Women's Board Annual Meeting; pre-dinner speaker
- Chicago Zoological Society Women's Board
- Chicago Humanities Festival VIII—Work and Play; Leisure as Monkey Business
- Chicago Zoological Society Public Lecture Series—The Human Face of Conservation; "They Say the Baboons Are My Cattle"
- Rotary Club of Nairobi, Kenya
- NSF Informal Science Education project (permanent public displays, docent materials, self-guides for school-group visitors) associated with Baboon Island exhibit, Brookfield Zoo.
- Portland Zoo public lecture series speaker