

## CURRICULUM VITAE

### BLAIRE VAN VALKENBURGH

Department of Ecology and Evolutionary Biology  
University of California, Los Angeles, CA 90095-1606  
310-794-9398, fax 310-206-3987  
bvanval@ucla.edu

#### EDUCATION

- Ph.D. 1984 The Johns Hopkins University. Thesis title: A Morphological Analysis of Ecological Separation in Past and Present Predator Guilds  
M.A. 1979 The Johns Hopkins University (Vertebrate Paleobiology)  
B.S. 1974 Stockton State College, New Jersey (Natural Sciences)

#### PROFESSIONAL EXPERIENCE

President, Society of Vertebrate Paleontology, 2008-  
Vice President, Society of Vertebrate Paleontology, 2006-08  
Vice Chair, Department of Ecology and Evolutionary Biology, University of California, Los Angeles, 2004-2006  
Co-Director (with Dr. Robert Wayne and Dr. Thomas B. Smith), UCLA Conservation Genetics Resource Center, 2004-present  
Chair, Department of Organismic Biology, Ecology and Evolution, University of California, Los Angeles, 1998-2004  
Professor, Institute of the Environment, University of California, Los Angeles, 2003-present  
Professor, Department of Ecology and Evolutionary Biology, University of California, Los Angeles, 1995-present  
Associate Professor, Department of Biology, University of California, Los Angeles, 1990-1995  
Assistant Professor, Department of Biology, University of California, Los Angeles, 1986-1990  
Curator, Donald R. Dickey Collection (with Dr. Thomas B. Smith), 1986-present  
Research Associate, Department of Vertebrate Paleontology, Los Angeles County Museum of Natural History, 1987-present  
Instructor of Human Anatomy, Department of Cell Biology and Anatomy, The Johns Hopkins School of Medicine, Baltimore, Maryland, 1985-1986  
Postdoctoral Fellow, Department of Cell Biology and Anatomy, The Johns Hopkins School of Medicine, Baltimore, Maryland, 1984-1985

#### AWARDS AND HONORS

2007 UCLA University Distinguished Teaching Award  
1997-present Honorary Fellow, California Academy of Sciences  
1990, 2006 Distinguished Faculty Teaching Award, UCLA Department of Biology/Ecology and Evolutionary Biology  
1988-1989 Career Development Award, UCLA  
1981-1982 Predoctoral Fellow, American Association of University Women  
1977-1979 Gilman Fellowship, The Johns Hopkins University

#### FELLOWSHIPS AND GRANT SUPPORT

2006-2009 National Science Foundation, Systematic Biology (with R.K. Wayne, J. Flynn) (\$73,570)  
*Collaborative Research: A Complete Species Level Phylogeny of the Carnivora*  
2005-2009 National Science Foundation, Integrative Organismic Biology (\$336,228)

1999-2002	<i>Quantitative Computed Tomography and Histological Analysis of Carnivorous Turbinates</i> National Science Foundation, Polar Programs (\$392,000) (co-P.I. with R.K. Wayne)
1998-2002	<i>Molecular Paleoecology of Permafrost Mammals</i> National Science Foundation, Geology & Paleontology Program (\$150,000) <i>Taphonomy and Chronology of Rancho La Brea: A Critical Foundation for Future Research</i>
1994-1996	National Science Foundation, Ecological and Evolutionary Physiology Program (\$50,000) <i>Testing Alternative Hypotheses for Patterns of Tooth Breakage in Carnivores</i>
1995-1995	UCLA Committee on Research
1994	Donald Dickey, Jr., Collection Improvement (\$17,559)
1993	Museum of Paleontology, University of California, Berkeley (\$4,500)
1993	National Science Foundation, Support for American Society of Zoologists Symposium (\$5493)
1989-93	National Science Foundation, Ecology Program (\$95,000) <i>Trophic Diversity in Ancient and Modern Predator Guilds: an Ecomorphological Analysis</i>
1988-89	Biomedical Research Support Grant (\$3050)
1986-94	UCLA Committee on Research (\$23,184)
1985-86	Johns Hopkins Institutional Research Grant (\$7056)
1984-86	Research Grant, National Geographic Society (\$11,984)

## PUBLICATIONS

1. Van Valkenburgh, B. 1982. Evolutionary dynamics of terrestrial, large predator guilds. Proc. Third N. Amer. Paleo. Conv. 2:557-562.
2. Stanley, S.M., Van Valkenburgh, B., and Steneck, R.S. 1983. Coevolution and the fossil record. In Coevolution, D.J. Futuyma and M. Slatkin, eds. Sinauer Press, Massachusetts.
3. Van Valkenburgh, B. 1985. Locomotor diversity within past and present guilds of large predatory mammals. Paleobiology 11(4):406-428.
4. Van Valkenburgh, B. 1987. Skeletal indicators of locomotor behavior in living and extinct carnivores. Journal of Vertebrate Paleontology 7:162-182.
5. Van Valkenburgh, B. and Ruff, C.B. 1987. Canine tooth strength and killing behaviour in large carnivores. Journal of Zoology 212:379-397.
6. Van Valkenburgh, B. 1988. Incidence of tooth breakage among large, predatory mammals. American Naturalist 131:291-300.
7. Van Valkenburgh, B. 1988. Trophic diversity within past and present guilds of large predatory mammals. Paleobiology 14:156-173.
8. Van Valkenburgh, B. 1989. Carnivore dental adaptations and diet: a study of trophic diversity within guilds. In Carnivore Behavior, Ecology and Evolution, J.L. Gittleman, ed. Cornell University Press; Ithaca.
9. Wayne, R.K., B. Van Valkenburgh, Kat, P.W., Fuller, T.K., Johnson, W.E. and O'Brien, S.J. 1989. Genetic and morphologic divergence in sympatric canids (Mammalia: Canidae). Journal of Heredity 80:447-454.
10. Fuller, T., Biknevicius, A., Van Valkenburgh, B., Kat, P., and Wayne, R. 1989. Ecology of three sympatric jackal species in the rift valley of Kenya. African J. Ecology 27: 313-323.

11. Wayne, R.K., Van Valkenburgh, B., Fuller, T.K., and Kat, P.W. 1990. Allozyme and morphologic differences among highly divergent mtDNA haplotypes of black-backed jackals. In *Molecular Evolution*. M. Clegg and S.J. O'Brien, eds. Wiley-Liss; New York.
12. Wayne, R.K., Meyer, A., Lehman, N., Van Valkenburgh, B., Kat, P.W., Fuller, T.K., Girman, D., and O'Brien, S.J. 1990. Large sequence divergence among mitochondrial DNA genotypes within populations of East African black-backed jackals. *Proc. Nat. Acad. Sci.* 87:1772-1776.
13. Van Valkenburgh, B. 1990. Skeletal and dental predictors of body mass in carnivores. In Damuth, J. and B. MacFadden, eds. *Body Size in Mammalian Paleobiology*. Cambridge Univ. Press, Cambridge.
14. Van Valkenburgh, B., Teaford, M., and Walker, A. 1990. Molar microwear and diet in large carnivores: inferences concerning diet in the sabretooth cat, *Smilodon fatalis*. *Journal of Zoology* 222: 319-340.
15. Van Valkenburgh, B., F. Grady, F., and Kurtén, B. 1990. The Plio-Pleistocene cheetah-like cat *Miracinonyx inexpectatus* of North America. *Journal of Vertebrate Paleontology* 10:434-454.
16. Wayne, R.K., Van Valkenburgh, B., and O'Brien, S.J. 1991. Molecular distance and divergence time in carnivores and primates. *Molecular Biology and Evolution* 8:297-319.
17. Van Valkenburgh, B. 1991. Iterative evolution of hypercarnivory in canids (Mammalia: Canidae): evolutionary interactions among sympatric predators. *Paleobiology* 17: 340-362.
18. Van Valkenburgh, B. and Koepfli, K. 1993. Cranial and dental adaptations for predation in canids. In N. Dunstone and M.L. Gorman, eds. *Mammals as Predators*. Series: Symposia of the Zoological Society of London 65; Oxford University Press, Oxford.
19. Van Valkenburgh, B. and Hertel, F. 1993. Tough times at La Brea: tooth breakage in large carnivores of the late Pleistocene. *Science* 261:456-459.
20. Van Valkenburgh, B. and Janis, C.M. 1993. Historical diversity patterns in large mammalian herbivores and carnivores. In R. Ricklefs and D. Shluter, eds. *Species Diversity in Ecological Communities: Historical and Geographical Perspectives*. University of Chicago Press: Chicago.
21. Van Valkenburgh, B. 1994. Extinction and replacement among predatory mammals in the North American Late Eocene - Oligocene: tracking a guild over twelve million years. *Historical Biology* 8:1-22.
22. Van Valkenburgh, B. 1994. Eco-morphological analysis of fossil vertebrates and paleocommunities. In P.C. Wainwright and S.M. Reilly, eds. *Ecological Morphology: integrative organismal biology*. University of Chicago Press: Chicago.
23. Van Valkenburgh, B. 1994. Tough times in the tar pits. *Natural History* 4:84-85.
24. Van Valkenburgh, B. and Wayne, R.K. 1994. Shape divergence associated with size convergence in sympatric East African jackals. *Ecology* 75:1567-1581.
25. Van Valkenburgh, B. 1995. Tracking ecology over geologic time: evolution within guilds of vertebrates. *Trends in Ecology and Evolution* 10: 71-76.
26. Van Valkenburgh, B. 1996. Feeding behavior in free-ranging, large African carnivores. *Journal of Mammalogy* 77:240-254.

27. Yahnke, C.J., Johnson, W.E., Geffen, E., Smith, D., Hertel, F., Roy, M.S., Bonacic, C., Fuller, T.K., Van Valkenburgh, B., and Wayne, R.K. 1996. Darwin's fox rediscovered: a distinct endangered species from a vanishing habitat. *Conservation Biology* 10:366-375.
28. Biknevicius, A. and Van Valkenburgh, B. 1996. Design for killing: craniodental adaptations of predators. In *Carnivore Behavior, Ecology, and Evolution*, Vol. II, J. L. Gittleman, ed., Cornell University Press.
29. Biknevicius, A., Van Valkenburgh, B. and Walker, J. 1996. Incisor size and shape: implications for feeding behaviors in sabertoothed "cats." *Journal of Vertebrate Paleontology* 16:510-521.
30. Gittleman, J. and Van Valkenburgh, B. 1997. Sexual dimorphism in the skulls and teeth of carnivores: effects of size, phylogeny and behaviour. *Journal of Zoology* 242:97-117.
31. Lessa, E.P., Van Valkenburgh, B., and Farina, R. 1997. Testing hypotheses of differential mammalian extinctions subsequent to the Great American Interchange. *Palaeogeography, Palaeoclimatology, Palaeoecology* 135: 157-162.
32. Duckler, G. and Van Valkenburgh, B. 1998. Exploring the health of late Pleistocene mammals: the use of Harris lines. *Journal of Vertebrate Paleontology* 15:180-188.
33. Duckler, G. and Van Valkenburgh, B. 1998. Osteological corroboration of pathological stress in a population of endangered Florida pumas (*Puma concolor coryi*). *Animal Conservation* 1: 39-46.
34. Van Valkenburgh, B. and Hertel, F. 1998. The decline of North American predators during the Late Pleistocene. In J.J. Saunders, B.W. Styles, and G.F. Baryshnikov (eds.) *Quaternary paleozoology in the Northern Hemisphere*. Illinois State Museum Scientific Papers 27:357-374, Springfield, Illinois.
35. Van Valkenburgh, B. 1999. Major patterns in the history of carnivorous mammals. *Annual Review of Earth and Planetary Sciences*, Vol. 27:463-93.
36. Van Valkenburgh, B. and Binder, W. 2000. Biomechanics and feeding behaviour in carnivores: comparative and ontogenetic perspectives. In *Biomechanics in Animal Behaviour*. P. Domenici and R. Blake, eds. Bios; Oxford, U.K.
37. Binder, W. and Van Valkenburgh, B. 2000. Development of bite strength and feeding behaviour in spotted hyaenas (*Crocuta crocuta*). *Journal of Zoology* 252:273-283.
38. Van Valkenburgh, B. 2001. The dog-eat-dog world of carnivores: a review of past and present carnivore community dynamics. In *Meat-Eating and Human Evolution*, Stanford C. and Bunn, H.T., eds., Oxford University Press.
39. Van Valkenburgh, B. 2001. Predation in Saber-Tooth Cats. In *Paleobiology II*. Briggs, D.E.G. and Crowther, P.R., eds. Blackwell Science, Oxford.
40. Van Valkenburgh, B. and Sacco, T. 2002. Sexual dimorphism and intra-sexual competition in large Pleistocene carnivores. *Journal of Vertebrate Paleontology* 22:163-168.
41. Binder, W., Thompson, E. N. and Van Valkenburgh, B. 2002. Temporal variation in tooth fracture among Rancho La Brea dire wolves. *Journal of Vertebrate Paleontology* 22:423-428.
42. Van Valkenburgh, B. and Jenkins, I. 2002. Evolutionary patterns in the history of Permo-Triassic and Cenozoic synapsid predators. In *The Fossil Record of Predation*. M. Kowalewski, P.H. Kelley, eds. Paleontological Society Special Publications Vol. 8.

43. Van Valkenburgh, B. and Molnar, R.E. 2002. Dinosaurian and mammalian predators compared. *Paleobiology* 28:527-543.
44. Spencer, L., Van Valkenburgh, B., and Harris, J.M. 2003. A taphonomic investigation of Pit 91, Rancho La Brea. *Paleobiology* 29:561-575.
45. Van Valkenburgh, B., Sacco, T. and Wang, X. 2003. Pack hunting in Miocene borophagine dogs: evidence from craniodental morphology and body size. *Bulletin of the American Museum of Natural History* 278: 147-162.
46. Sacco, T. and Van Valkenburgh, B. 2004. Ecomorphological indicators of feeding behaviour in the bears. *J. Zoology* 263:41-54.
47. Tedford, R.H., Wang, X., Van Valkenburgh, B. and Wayne, R.K. 2004. Evolutionary history, molecular systematics and evolutionary ecology. In *Biology and Conservation of Wild Canids*. D.W. Macdonald and C. Sillero-Zubiri, eds., Oxford University Press.
48. Wang, X., Tedford, R.H., Van Valkenburgh, B., and Wayne, R.K. 2004. Phylogeny, classification, and evolutionary ecology of Canidae. In *Canids: Foxes, Wolves, Jackals, and Dogs*. C. Sillero-Zubiri, M. Hoffmann, and D.W. Macdonald, eds., IUCN Press.
49. Van Valkenburgh, B., Theodor, J., Friscia, A., Pollack, A., and T. Rowe. 2004. Respiratory turbinates of canids and felids: a quantitative comparison. *J. Zoology* 264:1-13.
50. Van Valkenburgh, B., Wang, X., and Damuth, J. 2004. Cope's rule, hypercarnivory, and extinction in North American canids. *Science* 306:101-103. (**Cited as "Must Read" by the Faculty of 1000 website**)
51. Koepfli, K-P., Jenks, S.M., Eizirik, E., Zahirpour, T., Van Valkenburgh, B., and Wayne, R.K. 2006. Molecular systematics of the Hyaenidae: relationships of a relictual lineage resolved by molecular supermatrix. *Molecular Phylogenetics and Evolution* 38:603-620.
52. Munoz-Duran, J. and Van Valkenburgh, B. 2006. The Rancho La Brea record of Carnivora: taphonomic effect of body size, habitat breadth, and the preservation potential of caves. *Palaios* : 421-430.
53. Friscia, A.R., Van Valkenburgh, B., Biknevicius, A.R. 2007. An ecomorphological analysis of extant small carnivores. *J. Zoology* 272:82-100.
54. Leonard, J., Vila, C., Fox-Dobbs, K., Koch, P., Wayne, R.K., and Van Valkenburgh, B. 2007. Genetics, isotopes, and morphology reveal a cryptic extinction of Pleistocene wolves. *Current Biology* 17:1146-1150.
55. Van Valkenburgh, B. 2008. Déjà vu: evolution of feeding adaptations in carnivorans. *Integrative and Comparative Biology* 47:147-163.
56. Friscia, A.R., Van Valkenburgh, B., Spencer, L., Harris, J. 2008. Chronology and spatial distribution of large mammal bones in Pit 91, Rancho La Brea. *Palaios* 23:35-42.
57. Slater, G. and Van Valkenburgh, B. 2008. Long in the tooth: evolution of sabertooth cat cranial shape. *Paleobiology* 34:403-419.
58. Samuels, J. and Van Valkenburgh, B. 2008. Skeletal indicators of locomotor adaptations in living and fossil rodents. *Journal of Morphology* 269:1397-1411.

59. Van Valkenburgh, B. 2009. Costs of carnivory: tooth fracture in Pleistocene and recent carnivorans. *Biological Journal of the Linnean Society* 96:68-81.
60. Carbone, C., Maddox, T., Funston, P.J., Mills, M.G.L., Grether, G., and Van Valkenburgh, B. 2009. Parallels between playbacks and Pleistocene tar seeps suggest sociality in an extinct sabertooth cat, *Smilodon*. *Biology Letters* 5:81-85.
61. Samuels, J. and Van Valkenburgh, B. 2009. Craniodental adaptations for digging in extinct burrowing beavers. *Journal of Vertebrate Paleontology* (in press).
62. Roemer, G., Gompper, M., and Van Valkenburgh, B. 2009. The ecological role of the mammalian mesocarnivore. *Bioscience* 59:165-173.
63. Meachen-Samuels, J. and Van Valkenburgh, B. Forelimb Indicators of prey-size preference in the Felidae. 2009. *Journal of Morphology* 270: 729-744.
64. Slater, G., Dumont, E., and Van Valkenburgh, B. 2009. Implications of predatory specialization for cranial form and function in canids. *Journal of Zoology* 278, 181-188.
65. Meachen-Samuels, J. and Van Valkenburgh, B. 2009. Craniodental indicators of prey size preference in the Felidae. *Biological Journal of the Linnean Society* 96. 784-799.
66. Binder, W. J. and Van Valkenburgh, B. A comparison of tooth wear and breakage in Rancho la Brea sabertooth cats and dire wolves across time. *Journal of Vertebrate Paleontology* (in press).
67. Kitchener, A. Van Valkenburgh, B, and Yamaguchi, N. Felid form and function. In: Macdonald, D. W, and Loveridge, A, (eds) *Biology and Conservation of Wild felids*. Oxford Univ. Press, Oxford (in press).

## ABSTRACTS

- Van Valkenburgh, B. 1982. Ecological separation in past and present predator guilds of large predatory mammals: diet and dentition. *GSA Abstr. (with programs)* 14:636.
- Van Valkenburgh, B. 1985. A morphological analysis of ecological separation in past and present predator guilds. *Diss Abstr Intern* 45:3453B.
- Van Valkenburgh, B. 1987. Trophic diversity in past and present guilds of large, predatory mammals. *J. Vertebrate Paleo* 7(Suppl.):28A.
- Van Valkenburgh, B. 1988. Dental microwear and dietary differences in living and fossil carnivores. *Amer Zool.* 28:175A.
- Van Valkenburgh, B. 1989. Evolution of the Canidae: evidence from the fossil record. *Fifth International Theriological Congress Abstracts* 2:803.
- Van Valkenburgh, B., Teaford, M., and Walker, A. 1989. Molar microwear and diet in large carnivores: inferences concerning the diet of *Smilodon fatalis*.
- Wayne, R. K., Van Valkenburgh, B., Janczewski, D., and O'Brien, S.J. 1989. Rates of molecular evolution in carnivores and primates. *J. Vertebrate Paleo* 9(3):43A.
- Van Valkenburgh, B. 1990. Iterative evolution of hypercarnivory in canids. *J. Vertebrate Paleo* 10(3): 46A.

- Van Valkenburgh, B. and Wayne, R.K. 1990. Character displacement among sympatric East African jackals. Fourth International Congress on Systematic and Evolutionary Biology, Abstracts, 1:26.
- Biknevicius, A.R. and Van Valkenburgh, B. 1991. Feeding behavior of Smilodon. *Amer Zool* 31:54A.
- Biknevicius, A. R. and Van Valkenburgh, B. 1992. Form and function of carnivore incisors: implications for sabertooth cat behavior. *J Vertebrate Paleo* 12(3): 19A.
- Van Valkenburgh, B. 1993. Feeding behavior of large African carnivores in Kenya. *Amer Zool* 33:102A.
- Van Valkenburgh, B. 1994. Feeding behavior of large, free-ranging African carnivores. *J Morphology* 220:404-405.
- Van Valkenburgh, B. 1994. Incisor tooth shape and function in living and extinct predatory mammals. *J Vertebrate Paleo* 14(3):51A.
- Duckler, G., Hertel, F., Van Valkenburgh, B. 1994. Paleopathologies of late Pleistocene dire wolves from Rancho La Brea. *J Vertebrate Paleo* 14(3):23A.
- Van Valkenburgh, B. 1995. Causes of tooth fracture in past and present predators: inferences from intraspecific variation. *J Vertebrate Paleo* 15(3):58A.
- Duckler, G. and Van Valkenburgh, B. 1996. Assessing the health of Late Pleistocene saber-tooth cats: a comparison of osteopathologies in ancient and modern populations of felids. *J Vertebrate Paleo* 16(3): 31A.
- Beknevicius, A. and Van Valkenburgh, B. 1997. The threat behind the smile: incisors and their function in carnivorans. *J Vertebrate Paleo* 17(3):32A.
- Pollack, A., Holmes, C., Rowe, T. and Van Valkenburgh, B. 1998. Respiratory turbinals revealed by ct scans: a comparison of forest and savannah canids. *Amer Zoologist*, 38:368.
- Binder, W., Thompson, E., Van Valkenburgh, B. 1998. A new approach for estimating age in carnivorans. *J. Vertebrate Paleontology*, 18(3):27A.
- Spencer, L., Van Valkenburgh, B., and Harris, J. 1999. Taphonomy at Rancho La Brea: a work in progress. *J. Vertebrate Paleontology*, 19(3):77A.
- Theodor, J.M., Van Valkenburgh, B., Friscia, A. and Rowe, T. 2001. CT scan based quantitative comparison of respiratory turbinates in the Canidae and Felidae. *Amer Zoologist* 41:1606.
- Van Valkenburgh, B., Theodor, J.M., and Friscia, A. 2001. Respiratory turbinates of carnivorans revealed by CT scans: a quantitative comparison. *J Vertebrate Paleo*, 21(3):110A.
- Spencer, L., Van Valkenburgh, B., and Harris, J. 2001. Evidence for carnivore ravaging at Rancho La Brea. *J. Vertebrate Paleo*, 21(3):103A.
- Van Valkenburgh, B., Spencer, L., Harris, J., Samuels, J., Friscia, A., and Meachen, J. 2004. Chronology and Spatial Distribution of Large Mammal Bones in Pit 91, La Brea. *J. Vertebrate Paleo*, 24:124A.
- Kennedy, N.K., Fartash, A., Van Valkenburgh, B. 2006. Adaptations of the cervical spine to prey capture in canines. *Integrative and Comparative Biology*, 45(6):1024.

Adam, P.J., and Van Valkenburgh, B. 2005. Ecomorphology and the evolution of the Cenozoic carnivorous marine mammal feeding guild. Pages 76-77 in Abstracts of the Plenary, Symposium, Poster, and Oral Papers at the IX International Mammalogical Congress, Sapporo, Japan, July 31-August 5, 2005.

Jett, K.N., McKenzie, N.R., Olson, J.D., Adam, P.J., and Van Valkenburgh, B. 2005. Dire circumstances in Late Pleistocene Rancho La Brea: environmental fluctuations reflected in carnivore craniodental morphology and tooth wear. *J. Vertebrate Paleo*, 24 (suppl.):75A.

Jett, K.N., McKenzie, N.R., Olson, J.D., Adam, P.J., and Van Valkenburgh, B. 2005. Dire circumstances in Late Pleistocene Rancho La Brea: environmental fluctuations reflected in carnivore craniodental morphology and tooth mesowear. Page 46 in IPC Programme: the Second International Palaeontological Congress, Beijing, China, June 17-21, 2006.

Binder, W., Van Valkenburgh, B. 2006. Temporal variation in tooth fracture and tooth wear among Rancho La Brea sabertoothed cats. *J. Vertebrate Paleo* 26 (3):42A-43A.

Van Valkenburgh, B., Leonard, J., Wayne, R. 2006. Cryptic extinction of a unique Pleistocene wolf ecomorph. *J. Vertebrate Paleo* 26(3):134A-135A.

Slater G., Dumont E., Van Valkenburgh B. 2007. Implications of craniofacial form for performance of the canid skull during prey killing and feeding. *J. Vertebrate Paleontology* 27: 148A-148A

Van Valkenburgh, B. and Slater, G. 2008. Craniofacial form and performance of the canid skull during prey killing and feeding. *Journal of Veterinary Behavior* 3.

## **BOOK REVIEWS AND COMMENTARIES**

2000 Review of *The History of the Origin, Evolution and Dispersal of the Late Pleistocene Mammuthus-Coelodonta Faunal Complex in Eurasia (Large Mammals)*, by Ralf-Dietrich Kahlke, *Quarterly Review of Biology* (accepted for publication).

1997 Review of *The Big Cats and their Fossil Relatives*, by A. Turner and M. Anton. *Quarterly Review of Biology* 72:478.

1987 An entangled bank -- The Smithsonian conference on the evolution of terrestrial ecosystems (with R. Beerbower and S. Scheckler). *Palaios* 2:526-527.

1988 *Vertebrates, Phylogeny and Philosophy*. (Review of *Vertebrates, Phylogeny and Philosophy*, J. Lillegraven and K.M. Flanagan, eds.) *J. Vert. Paleo*. 8:347-348.

## **UNIVERSITY SERVICE**

Chair, Darwin Celebration Committee, 2008-09

Member, 2008-09 Search Committee for the Life Sciences Dean

Participant, General Education meeting for WASC (Western Association of Schools and Colleges) 2008

Ad Hoc member, GE Governance review of Society and Culture, 2007-08

Member, IoE Personnel Committee, 2008-present

Member, GE Governance Committee 2007-present

Member, Campus-wide Sustainability Committee, 2007-present

Member, Academic subcommittee, Campus-wide Sustainability Committee, 2007-present

Faculty Sponsor, Bruin Equestrian Team, 2004-2006

Co-Director (with Dr. Robert Wayne and Dr. Thomas B. Smith), UCLA Conservation Genetics Resource Center, 2004-present



Member, Chancellor's Competitiveness Task Force: Action Group on Space, 2002  
Faculty panelist, Sciences Roundtable for Undergraduates, 2002  
Member, Catalyst Mentorship Program, 1999  
Campus Ad Hoc Review Committee, 1998  
Member, Committee on Libraries, 1997-2001  
Member, Anthropological Casts Review committee, 1997-1998  
Member, Chancellor's review committee for the Dean of Life Sciences, 1996-1997  
Member, ad hoc committee of College of Letters and Science to monitor the implementation of the impacted course designation  
Faculty speaker, UCLA Summer Orientation Program, 1995  
Member, Life Sciences/Mathematics Coordinating Committee, 1994  
Member, University Charges Committee, Academic Senate, 1993-1995  
Member, Executive Committee, College of Letters and Science, 1993-1997  
Member, Graduate Division Fellowship Review Committee, 1993-1994  
Member, Life Sciences Cluster Course Subcommittee, College of Letters and Science, 1992-1993  
Curator, UCLA Vertebrate Paleontology collections, 1989-present

### **DEPARTMENTAL SERVICE**

Chair and P.I., Natural History NSF Collections Improvement Grant committee, 2008  
Personnel Committee 2008-09  
Development Committee 2008-present  
Evolutionary Biologist and Ecologist Search Committee 2007-08  
Life Sciences Replacement Building, 2005-2006  
Graduate Awards Committee, 2005  
Graduate Admissions and Support Committee, 2005-2006  
Department Graduate Awards Subcommittee, 2005-2006  
IGERT Proposal Committee, 2005-2006  
Committee on Departmental Written Qualifying Examination, 2005  
Chair, ad hoc committee on graduate support packages, 2004-2006  
Chair, Ecologist Search Committee, 2004-2005  
Department Personnel Committee, 2004-2006  
Department Ecologist Search Committee, Chair, 2004-2005  
GAANN Proposal Committee, 2003-2005  
Life Sciences Building Renovations Project Planning Committee, 2002-2003  
Co-organizer with Joan Silk of joint departmental seminar series with Departments of Anthropology and Organismic Biology, Ecology, and Evolution, 2000-2001  
Graduate Admissions and Support Committee, 1997  
Planning Committee, 1994-1995  
Ad hoc committee on "White Paper," 1994  
Chair, Graduate Admissions and Support Committee, 1993-1996  
Departmental Executive Council, 1993-1996  
Member 1992, Chair 1992-1993, Evolutionary Biologist Search Committee Planning Committee, 1992  
Committee on Staffing Needs, 1991-1992  
Departmental Promotions Committee, 1990-1992  
Member, Personnel Committee, 1990-1991  
Chair, Integrative Biology Seminar Series committee, 1989-1990  
Chair, Departmental Written Qualifying Exam Subcommittee on Morphology and Morphogenesis, Integrative Biology, 1989-1990  
Co-chair, Committee on Graduate Studies In Evolutionary Biology at UCLA, 1988-1989  
Chair, development of evolution program flyer for graduate recruitment, 1988-1989  
Chair's special committee on undergraduate programs, 1988-1989  
Spokesperson, Evolutionary Biology subgroup, Integrative Biology, 1988-1989  
Curriculum and Scheduling Committee, 1987-1988

Division II Seminar Committee, Department of Biology, 1987-1988  
Non-Mammalian Animal Care Committee, Department of Biology, 1986-1987  
Biological Anthropologist Search Committee, Department of Anthropology, 1986-1987

## **MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS**

American Society of Mammalogists: member, Student Honoraria Committee, 1991-1992  
American Society of Zoologists: co-chair, Graduate and Postdoctoral Affairs Committee, 1987-1990; co-chair/organizer of Division of Vertebrate Morphology Symposium for the 1993 annual meeting, Nominating Committee for the Division of Vertebrate Morphology, 1994-1995  
American Association for the Advancement of Science  
California Academy of Sciences, honorary fellow  
Center for the Study of the Evolution and Origin of Life, UCLA  
IUCN/SSC (World Conservation Union/Species Survival Commission) Canid Specialist Group, 2001-present  
Sigma Xi  
Society of Vertebrate Paleontology: Development Committee member, 1994-1996, Executive Committee Member-at-Large, 1997-1999, Vice-President, 2006-08, and President, 2008-present  
Society of Integrative and Comparative Biology

## **OTHER PROFESSIONAL ACTIVITIES**

International Union for the Conservation of Nature (IUCN), Canid Specialist Group, member 2001-present  
Systematics Agenda 2000: Earth History and Global Change Committee  
Invited Participant, Conservation Assessment and Management Plan Workshop for Canids, Hyenas, and Aardwolves, Fossil Rim, Texas, 1997  
Associate Editor, *Evolution*, 1994-1996

## **CONSULTING ACTIVITIES**

2007-2008 Scientific Advisor, Travelling exhibition entitled, "TIGERS- Tracking a Legend" produced and designed by Carol Amore, wildlife photographer  
2007 Consultant, planning process for a new exhibit on mammal evolution, LA County Museum of Natural History  
2006 Reviewer, Linnaeus Applications, Swedish Research Council  
2003-2009 Reviewer, National Science Foundation grant proposals  
2003-2006 Leakey Foundation grant proposals  
2000-2002 Scientific Advisor, "Dogs: Wolf, Myth, Hero, and Friend" exhibition, Los Angeles County Museum of Natural History  
2001 Member, Search committee for a Curator of Vertebrate Paleontology, Natural History Museum of Los Angeles County  
2000 Consultant, planning process for a new museum of natural history, Los Angeles County  
1997 Member, External Committee to review the University of California, Berkeley Museum of Paleontology  
1994-1997 Guest Curator, *Cats: Wild to Mild*, a 5000 foot traveling exhibit developed by the Los Angeles County Museum of Natural History  
1994-1997 Panel Member, Ecological and Evolutionary Physiology Program, National Science Foundation  
1990-1999 Reviewer of grant proposals: Smithsonian Institution, National Geographic Society  
1993-1996 Consulting Editor, McGraw Hill Yearbooks of Science and Technology  
1994 Reviewer of manuscript for *Terra*, the publication of the Los Angeles County Museum of Natural History

## **ARTICLES AND PRESENTATIONS FOR THE PUBLIC**

- 2009 Scientific Advisor and televised speaker, National Geographic documentary on prehistoric "bear-dogs"
- 2008 "Herding saber-tooth cats" interview, Quirks and Quarks, Radio One, Canadian Broadcasting Company (<http://www.cbc.ca/quirks/archives/08-09/qq-2008-11-01.html#4>)
- 2008 Scientific Advisor and televised speaker, History Channel documentary on body size evolution
- 2008 Luncheon Speaker, Bruin Women, April 15, Faculty Center
- 2008 Scientific Advisor and televised speaker, National Geographic documentary on prehistoric "terror birds" and sabertooth cats
- 2006 Scientific Advisor and televised speaker, National Geographic documentaries on sabertooth cats and dire wolves
- 2006 Scientific Advisor, "Fossil Mysteries" exhibition, San Diego Natural History Museum
- 2005 Scientific Advisor, "Be the Creature," National Geographic Channel
- 2005 "Predators of the Past," invited lecture presented at the 2005 California Science Education Conference, Palm Springs, California
- 2004 "Origin of Land Mammals," invited lecture to medical professionals at Encino-Tarzana Medical Center (Continuing Medical Education Program)
- 2004 "Sabertooth tigers, oh my!", invited talk to second grade students at Victory Blvd. Elementary School, North Hollywood, California
- 2004 Van Valkenburgh, B. How to build a dog. Part 1: A bonanza of senses. The Bark 27:32-35.
- 2004 Van Valkenburgh, B. How to build a dog. Part 2: Form follows function. The Bark 28:40-44.
- 2004 Robinson, Janine, "Cat-alyt for Conservation: Champion for Carnivores," UCLA Today
- 2004 "Tales Told by Teeth," lecture provided to the docents of the George C. Page Museum
- 2003 "It's Lonely at the Top," interview, Quirks and Quarks, Radio One, Canadian Broadcasting Company
- 2003 Press conference for international journalists for an article in The Times of London on "Extinct," a National Geographic Channel series on Pleistocene predators
- 2003 Scientific Advisor, National Geographic Channel, "Extinct!" series
- 2002-2003 Advisor, National Geographic Magazine, articles on dog evolution and the history of mammals
- 2002 "Walking with Prehistoric Beasts," BBC Television, interview
- 2001 Speaker, Wall-to-Wall television documentary, "Extinct"
- 2001 Interview, BBC documentary on saber-tooth cats
- 1999 Speaker, "Documenting Nature: The Collections of Donald Ryder Dickey," Friends of the UCLA Library
- 1998 Speaker, UCLA Chancellor's Associates Bruin Woods Weekend
- 1998 Lecturer, National Geographic Society
- 1998 Televised speaker, Glasshead Productions series on Evolution
- 1998 Contributor, Dynamerica film, "Body by Nature"
- 1997 Lecturer, Fellows Program, Los Angeles County Museum of Natural History
- 1997 Lecturer, Docents Program, Los Angeles County Museum of Natural History
- 1996 Televised speaker, KOCE-TV Coast educational telecourse series, "Cycles of Life"
- 1996 Televised speaker, Arts and Entertainment documentary on cats
- 1996 "Working with Cats," interview for web site of "Cats! Wild to Mild," Los Angeles County Museum of Natural History, [www.nhm.org/cats/bios/vanval/index.htm](http://www.nhm.org/cats/bios/vanval/index.htm).
- 1994 "Tough Times in the Tar Pits," Natural History, 4:84-85,
- 1993 Consultant and contributor, popular book on bears, Weldon-Owen Ltd.
- 1992 "From the Origin of Vertebrates to the Origin of Mammals," lecture in "Major Events in the History of Life, UCLA Extension/Center for the Study of Evolution and the Origin of Life, UCLA
- 1991-1992 Consultant for book and television series on carnivores, Natural History Unit, British Broadcasting Corporation
- 1990 Consultant on television documentary on the African hunting dog, National Geographic

- Society  
 1990 Consultant on children's book on cheetahs, Zoobooks  
 1990 Cats in communities: past and present. In Seidensticker, J. (ed.), Great Cats. Weldon Owen, Sydney, Australia.

## INVITED LECTURES

- 2009 "Sociality in sabertooths? New evidence from Rancho la Brea" Department of Geological Sciences, University of Oregon, Eugene.  
 2008 "Sociality in sabertooths? New evidence from Rancho la Brea" Department of Geological Sciences, University of Michigan, Ann Arbor  
 2008 "Finite Element Analysis of Cranial Form and Function in Canids", Department of Ecology and Evolutionary Biology, University of Michigan, Ann Arbor  
 2008 "Solitary or Social", Wolf Study group and park rangers, Yellowstone National Park, Mammoth Hot Springs, WY  
 2007 "Evolution of Feeding Adaptations in Carnivorans," Symposium on Feeding Adaptations of Vertebrates, Society of Integrative and Comparative Biology Annual Meeting, Phoenix, Arizona  
 2006 "Tales Told by Skulls: Ecomorphology of Extinct and Extant Carnivores," Department of Ecology and Evolutionary Biology, University of California, Irvine  
 2005 "The Rise and Fall of North American Canids," Brown University, Section of Ecology and Evolutionary Biology  
 2005 University of California, Riverside, Department of Ecology and Evolutionary Biology  
 2005 "Cope's Rule, Hypercarnivory and Extinction," Center for the Study of Evolution and the Origin of Life, UCLA  
 2004 "Respiratory Turbinates of Canids and Felids Revealed by High-Resolution CT Scans," Center for Functional Anatomy and Evolution, The Johns Hopkins University, Maryland  
 2004 "The Rise and Fall of North American Canids," University of Colorado, Boulder, Department of Environmental, Population, and Organismic Biology  
 2004 University of California, Santa Cruz, Department of Geology  
 2004 "Feeding Morphologies and Strategies in Carnivorous Synapsids," Seventh International Congress on Vertebrate Morphology, Boca Raton, Florida  
 2002 Geological Society of America, Symposium on the Fossil Record of Predation, GSA Annual Meetings, Denver  
 2001 Invited participant/speaker, National Academy of Sciences Frontiers in Polar Biology Workshop Tahoe, Nevada  
 2001 Yale University, Department of Geology and Geophysics  
 2001 California State University, Northridge, Department of Biology  
 2001 University of Michigan, Ann Arbor, Museum of Paleontology  
 2001 IUCN Conference on Canid Biology, Oxford, UK  
 2000 Ohio University, Athens, Department of Biomedical Science  
 1999 Society for Experimental Biology, Annual Meeting, Biomechanics and Behaviour Symposium, Edinburgh, Scotland  
 1999 University of Chicago, Department of Organismic Biology and Anatomy  
 1998-1999 National Center for Ecological Analysis and Synthesis (NCEAS) working group on "Habitat and Climate Inference from the Structure of Mammal Communities"  
 1998 National Geographic Society, Washington, DC  
 1998 National Institutes of Health/NOAH's Network: short course on Conservation Genetics, Conservation and Research Center, Front Royal, Virginia, lecture on paleoecology  
 1998 Wenner-Gren Conference, Meat-eating and Hominid Evolution, Madison, Wisconsin  
 1997 San Diego Museum of Natural History  
 1997 National Institutes of Health/NOAH's Network: short course on Conservation Genetics, Conservation and Research Center, Front Royal, Virginia, lecture on paleoecology  
 1996 National Institutes of Health/NOAH's Network: short course on Conservation Genetics, Conservation and Research Center, Front Royal, Virginia, lecture on paleoecology  
 1996 Invited lecturer, University of California, Berkeley Museum of Paleontology Short Course,

- “Tracking the Course of Evolution,” March 9-10
- 1995 Symposium on Community Unity, North American Paleontological Convention, Washington, DC
- 1995 Department of Cell Biology and Anatomy, The Johns Hopkins School of Medicine
- 1995 Department of Zoology, Duke University
- 1995 Department of Biological Anthropology, Duke University
- 1995 Department of Paleobiology, National Museum of Natural History
- 1995 National Cancer Institute, Frederick, Maryland
- 1995 School of Forestry, Michigan Technological University, Houghton
- 1995 Department of Biology, University of Nevada, Las Vegas
- 1995 Department of Biology, University of Massachusetts, Amherst
- 1994 Pepperdine University, Malibu, California
- 1994 Department of Biology, UCLA
- 1994 Center for the Study of the Evolution and Origin of Life, UCLA
- 1994 California State University, San Bernardino
- 1993 Fourth International Theriological Congress, Sydney, Australia
- 1993 Department of Geology, University of Chicago
- 1992 Departments of Anatomy and Anthropology, State University of New York at Stony Brook
- 1992 Department of Biology, University of California, Riverside
- 1992 Joint Workshop on Russian-American Quaternary Paleozoology, Illinois State Museum, Springfield
- 1991 Symposium on Rancho La Brea, Southern California Academy of Natural Sciences Annual Meeting
- 1991 Symposium on Mammalian Predation, Zoological Society of London
- 1991 Sewall P. Wright Memorial Lecture Series, Committee on Evolutionary Biology, University of Chicago
- 1991 Department of Zoology, University of Washington
- 1991 Center for the Study of the Evolution and Origin of Life, UCLA
- 1990 Symposium on Ecological Morphology, American Society of Zoologists Annual Meeting, San Antonio, Texas
- 1990 Naturalists Forum Series, Academy of Natural Sciences, Philadelphia, Pennsylvania
- 1990 Department of Biology, University of California, Berkeley
- 1990 Department of Zoology, University of Tennessee, Nashville
- 1990 Department of Biology, Brown University, Providence, Rhode Island
- 1989 Kenya Museum Society, Nairobi, Kenya
- 1989 Fifth International Theriological Congress, Rome, Italy
- 1988 Department of Geology, University of California, Davis
- 1988 Department of Biology, University of California, Riverside
- 1987 Symposium in Honor of E.C. Olson, Society of Vertebrate Paleontology, Tucson, Arizona
- 1987 Department of Biology Seminar Series, San Diego State University
- 1987 “Body Size in Mammalian Paleobiology,” Florida State Museum, University of Florida, Gainesville
- 1987 Invited participant, 1st Conference on the Evolution of Terrestrial Ecosystems, United States National Museum, Airlie House, Virginia
- 1987 Invited speaker, Symposium in Honor of E. C. Olson, Society of Vertebrate Paleontology Annual Meeting, Tucson, Arizona
- 1986 Department of Immunology and Infectious Diseases Seminar Series, Johns Hopkins School of Public Health
- 1986 Department of Ecology and Evolution Seminar Series, Brown University, Providence, Rhode Island
- 1986 Center for the Study of Evolution and the Origin of Life, UCLA
- 1986 Natural History Museum, Los Angeles County
- 1985 Visiting Scientist Seminar Series, National Museums of Kenya, Nairobi, Kenya
- 1985 Third International Congress on Systematics and Evolutionary Biology, Brighton, England

## PAPERS PRESENTED

- 2008 International Canine Science Forum, Budapest, Hungary
- 2008 National Science Foundation workshop on sabertooth cats, Pocatello, ID
- 2006 Society of Vertebrate Paleontology Annual Meeting, Ottawa, Canada
- 2005 Society of Vertebrate Paleontology Annual Meeting, Mesa, Arizona
- 2004 Society of Vertebrate Paleontology Annual Meeting, Denver, Colorado
- 2003 Society of Vertebrate Paleontology Annual Meeting, Minneapolis, Minnesota
- 2002 Society for Integrative and Comparative Biology Annual Meeting, Anaheim, California
- 2002 Society of Vertebrate Paleontologists Annual Meeting, Norman, Oklahoma
- 2001 Sixth International Congress on Vertebrate Morphology, Jena, Germany
- 2001 Invited Participant/speaker, Museum of Paleontology seminar, University of Michigan, Ann Arbor
- 2001 Plenary lecture, International Canid Biology and Conservation meeting, Oxford, UK
- 2000 Society of Vertebrate Paleontologists Annual Meeting, Mexico City
- 1999 Society of Vertebrate Paleontologists Annual Meeting, Denver, Colorado
- 1998 Society for Integrative and Comparative Biology Annual Meeting, Denver, Colorado
- 1997 International Theriological Congress, Acapulco, Mexico
- 1997 Society of Vertebrate Paleontologists Annual Meeting, New York, New York
- 1996 Society of Vertebrate Paleontologists Annual Meeting, Pittsburgh, Pennsylvania
- 1995 Society of Vertebrate Paleontologists Annual Meeting, New York, New York
- 1994 Society of Vertebrate Paleontologists Annual Meeting, Seattle Washington
- 1994 International Congress of Vertebrate Morphologists, Chicago, Illinois
- 1993 American Society of Zoologists Annual Meeting, Los Angeles, California
- 1992 Society of Vertebrate Paleontologists Annual Meeting, Toronto, Ontario
- 1991 American Society of Zoologists Annual Meeting, Atlanta, Georgia
- 1990 Society of Vertebrate Paleontologists Annual Meeting, Lawrence, Kansas
- 1990 International Congress on Systematics and Evolutionary Biology, College Park, Maryland
- 1989 Society of Vertebrate Paleontologists Annual Meeting, Austin, Texas
- 1988 American Society of Zoologists, Annual Meeting, San Francisco, California
- 1988 Society for the Study of Evolution Annual Meeting, Pacific Grove, California
- 1987 Society of Vertebrate Paleontologists Annual Meeting, New York, New York
- 1986 Society of Vertebrate Paleontologists Annual Meeting, Philadelphia, Pennsylvania
- 1986 American Society of Zoologists, Division of Vertebrate Morphologists Regional Meeting, Chicago, Illinois
- 1985 American Society of Mammalogists 65<sup>th</sup> Annual Meeting, Orono, Maine

## **TEACHING AND FIELD EXPERIENCE**

Professor, University of California, Los Angeles, 1986-present: vertebrate morphology, vertebrate paleontology, mammalogy, macroevolution, evolution of the cosmos and life  
 Research on the systematics and morphology of Chilean canids, Chile, November 1993  
 Research on the feeding behavior of large carnivores in the Masai Mara, Kenya, Summer 1989, 1990  
 Research on ecology, morphology and genetics of East African jackals, Summer 1987; Kenya  
 Crew Member, Leakey-Walker paleontological expedition to Rusinga Island, Kenya, Spring 1985  
 Instructor, Human Anatomy and Embryology, The Johns Hopkins School of Medicine, 1984-1986  
 Co-leader, Fieldwork in Vertebrate Paleontology, Summer 1978, 1980; New Mexico and Wyoming

## **UCLA COURSES TAUGHT**

Biol/OBEE/EE Biol 110 – Vertebrate Morphology  
 Biol/OBEE/EE Biol 115 -- Mammalogy  
 Biol/OBEE/EE Biol 117 – Vertebrate Paleontology  
 Biol/OBEE/EE Biol CM145 -- Advanced Paleontology  
 Biol/OBEE/EE Biol 190ABCD – Honors Research in Biology  
 Biol/OBEE/EE Biol 199 – Special Studies (Independent Research)  
 Biol/OBEE/EE Biol 208 – Advanced Vertebrate Morphology  
 Biol/OBEE/EE Biol M231B – Advanced Evolutionary Biology

Biol/OBEE/EE Biol 260 – Seminar: Biology of Terrestrial Vertebrates  
 Biol/OBEE/EE Biol 262 – Seminar: Vertebrate Paleontology  
 Biol/OBEE 296/B – Cells, Organisms and Populations  
 Biol/OBEE/EE Biol 596 – Directed Individual or Tutorial Studies  
 Biol/OBEE/EE Biol 597 -- Prep for MA Comprehensive or PhD Qualifying Exams  
 Biol/OBEE/EE Biol 598 -- MA Thesis Research and Writing  
 Biol/OBEE/EE Biol 599 -- PhD Dissertation Research and Writing  
 EE Biol M200A -- Evolutionary Biology  
 GE Cluster 70AB – Evolution of the Cosmos and Life  
 OBEE/EEB 267 – Seminar: Current Topics in Evolutionary Ecology  
 OBEE 297 – Selected Topics in Organismic Biology, Ecology, and Evolution  
 OBEE 375 – Teaching Apprentice Practicum

## GRADUATE STUDENTS

Chairperson of 13 Ph.D. student committees.

Committee member, 17 Ph.D. and six M.S. students.

Theses completed under my direction:

- Hertel, Fritz 1993. Ecomorphological analysis of past and present guilds of avian scavengers.  
 Anyonge, William 1993. Locomotor and dietary adaptations in large extinct and extant  
 carnivorans.  
 Deméré, Thomas 1994. Phylogenetic systematics of the Family Odobenidae (Mammalia:  
 Carnivora) with descriptions of new species from the Pliocene and a review of marine  
 mammal paleofaunas of the world.  
 Duckler, Geordie 1997. An osteopathological assessment of the health of North American  
 mammals from the upper Pleistocene (40,000-11,000 bp).  
 Binder, Wendy 1998. Functional aspects of tooth and jaw development in large carnivores.  
 Sacco, Tyson 2001. The functional morphology and evolutionary biology of bears.  
 Friscia, Anthony R. 2004. Paleobiology of carnivorous mammals in the North American Eocene.  
 Adam, Peter J. 2007.  
 Samuels, Joshua X. 2008.  
 Meachen-Samuels, Julie A. 2008,

Masters students (degrees completed):

- Pollack, Ari (1999)  
 Kim, Sharon (1996)

## POSTDOCTORAL FELLOWS

Sedylmayr, Jayc 2001-2003  
 Theodor, Jessica 2001-2003

## UCLA UNDERGRADUATE STUDENT RESEARCHERS (partial list)

Afrand, Sahar	Chin, Matthew	Ganjian, Shahrouz
Albuero, Anthony	Christianson, Celia	Gershbock, Aaron
Bonn, Amanda	Dahl, Melanie	Giambastiani, Christy
Camara, Anthony Christopher	Dracolakis, Lisa	Gilbert, Sophie Louise
Chan, Cindy	Fartash, Arian	Girman, Derek
Chang, Karen	Foxman, Adam	Goodrich, Mavrick
Chesler, Desiree	Galstyan, Anahit	Gouine, Kim

Goux, Hippolyte  
Healy, Daniel  
Helms, Will  
Horton, David  
Jett, Kristin  
Kim, Sung Eun  
Lampert, Alexandra  
Lazik, Ryan  
Leavy, Michelle  
Yarosh, Will

Lochhead, Louise Wealthy  
McKenzie, Neil Ryan  
Mount, Michael  
Nguyen, Ronald  
Owada, Kumiko  
Pollack, Ari  
Ramirez, Caroline  
Scott, Kim  
Somoano, Brian

Spafford, Claire  
Starford, Brittny  
Thompson, Elicia Nicole  
Wedge, Daniel  
Wizenfeld, Aaron  
Wong, Ka Kim

## **VISITING UNDERGRADUATE RESEARCHERS**

Louis, Leeann, Summer 2008 (Hunter R. Rawlings III Presidential Research Scholar, Cornell University)  
Galligan, Aisling, Winter Quarter, 2009 (from Dartmouth University)

## **REVIEWING AND OTHER EDITORIAL SERVICES TO SCHOLARLY PUBLICATIONS**

Acta Palaeontologica Polonica, 2002, 2004  
American Journal of Physical Anthropology, 1998  
American Journal of Science, 1991, 1993  
American Midland Naturalist, 1995  
American Museum of Natural History publication reviewer, 2001  
American Naturalist, 1988-1989  
Associate Editor, Evolution, 1993-95  
Biological Journal of the Linnean Society, 1991-1992, 1995, 2003-2009  
Bioscience, 1993  
Bulletin of the Florida Museum, 1993, 1995  
Canadian Journal of Zoology, 1999-2000  
Columbia University Press (book chapter), 1990  
CSIRO Publishing, 2001  
Current Biology, 2005-2009  
Ecology, 1997  
Evolution, 1989, 2006-2008  
Florida Museum of Natural History publications, 2003  
Functional Ecology, 1998  
Historical Biology, 2002  
Geobios, 1997  
Illinois State Museum, monograph, 1990  
Journal of Evolutionary Biology, 1991  
Journal of Experimental Biology, 1992, 2003  
Journal of Human Evolution, 1996  
Journal of Mammalogy, 1995-96, 1998-2005  
Journal of Morphology, 2004  
Journal of Paleontology, 2004  
Journal of Vertebrate Paleontology, 1986-1987, 1988, 1991, 2003-2009  
Journal of Zoology, 1997, 1998  
Mammalian Species Accounts, 2000  
Natural History Museum of Los Angeles County Publications, 2003  
Nature, 2003, 2006  
Palaeogeography, Palaeoclimatology, and Palaeoecology 1993, 2002  
Paleobiology, 1990, 1991-1993, 1995-96, 1999-2000, 2003, 2004, 2006  
Paleontology, 2002  
Prentice-Hall Press, 2000



Princeton University Press (book chapter), 1990  
Proceedings of the Royal Society Biology Letters, 2003  
Proceedings of the national Academy, 2007-2009  
Quaternary Research, 1993  
Royal Ontario Museum Series, 1994  
Science, 1999, 2005  
Smithsonian Institution Press, 1995  
Trends in Ecology and Evolution, 1996  
University of California Press, 1999  
Zoological Journal of the Linnean Society, 1991-1992, 1996  
Zoological Society of London, Symposium Series, 1992