

Janice A. Koler-Matznick
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Abbreviated CV

Education

1986. Associate of Arts degree, Liberal Arts. East Los Angeles College, CA.
1989. Bachelor of Science degree, Liberal Arts (conc. in Biology). Regents College, The University of the State of New York.
1993. Master of Science degree, Environmental Science. California State University, Los Angeles, CA. (degree consisted of courses in biology and physical geography, with an original research thesis).
At C.S.U.L.A. also completed all coursework for a Secondary Life Science California teaching credential.
Over all GPA: 3.9

Certifications

2004. Certified in dog training by the Certification Council for Professional Dog Trainers.
2008. Granted Associate Certification in Applied Animal Behavior by the Animal Behavior Society Board of Professional Certification.

Publications and Presentations

- 2008 (in press) Wobber, V., B. Hare, J. Koler-Matznick, R. Wrangham, and M. Tomasello. Breed differences in domestic dogs' (*Canis familiaris*) comprehension of human communicative signals. *J. of Interaction Studies*.
2008. Poster presentation on New Guinea singing dog vocalizations at Acoustic Society of America conference: Acoustic Communication in Animals.
2007. (in press). The New Guinea Singing Dog. Kennel Club Books, Inc., NY.
2007. (in press). The German Shepherd Dog Owner's Guide. Kennel Club Books, Inc., NY.
2007. Engaged by the Association of Pet Dog Trainers to provide two presentations in the science track of their annual conference: (1) The Heritability of Performance Traits in Dogs; (2) The Why of Dog Behavior: I. Determining Antecedent "Causes" & II. Conditioned Emotional Responses.
2007. Koler-Matznick, J., B.C. Yates, S. Bulmer, I.L. Brisbin, JR. 2007. The New Guinea singing dog: its status and scientific importance. *Australian Mammalogy* 29: 47 – 56.
2006. Engaged by the Association of Pet Dog Trainers to provide two presentations in the science track of their annual conference: (1) Describing Behavior: how to write an ethogram; (2) Backyard Behavior Science: how to replicate published dog behavior experiments. Also participated in a discussion panel on the Origin of the Dog with Dr. Raymond Coppinger and Dr. James Serpell.
2006. Yates, B.C. and J. Koler-Matznick. The Evidentiary Dog. Pp. 138 – 146 in Dogs and People in Social, Working, Economic or Symbolic Interaction, the Proceedings of the 9th International Congress for Archaeozoology 2002. Oxbow Books, Oxford.
2006. Presentation: The Origin of the Dog Revisited. The Friday Science Seminar. So. Oregon University.
2005. Koler-Matznick, J. and B. C. Yates. Poster presentation: The New Guinea Singing Dog. American Society of Mammalogists annual meeting.
2005. Koler-Matznick, J. and B. C. Yates. Poster presentation: The New Guinea Singing Dog. Western Division of the American Assn. for the Advancement of Science conference.

2004. Seminar presentation with Dr. Mary Lee Nitschke, Dr. Alice Moon-Fanelli, Dr. Karen London. Dog Play Behavior Styles. International Forum for Applied Animal Behavior conference.
2004. Koler-Matznick, J., I. Lehr Brisbin, Jr. and M. Feinstein. An Ethogram of the New Guinea Singing Dog (*Canis hallstromi*). New Guinea Singing Dog Conservation Society. 46 pp.
2003. Koler-Matznick, J., I. Lehr Brisbin, Jr., M. Feinstein & S. Bulmer. An Expanded Description of the New Guinea Singing Dog (*Canis hallstromi* Troughton, 1957). *Journal of Zoology (London)*, 261: 109-118.
2003. Oral presentation on NGSD behavior at the annual meeting of the Animal Behavior Society, Boise, ID.
2002. The origin of the dog revisited. *Anthrozoös* 15(2): 98 – 118.
2002. The Dingo. Rosen/PowerKids Press, NY.
2001. Koler-Matznick, Janice, I. Lehr Brisbin, Jr. & Mark Feinstein. Some unusual behaviors of the New Guinea singing dog (*Canis hallstromi*). Poster presentation at the Canid Biology and Conservation Conference, 17 – 21 Sept., Oxford, England. Oxford University Wildlife Conservation Research Unit and IUCN/SSC Canid Specialist Group.
2001. Koler-Matznick, J., I. Lehr Brisbin, Jr. & J. McIntyre. The New Guinea Singing Dog: a living primitive dog. Pp. 239-247 in Dogs through time: an archaeological perspective. S. J. Crockford, ed. BAR International Series 889. Archaeopress, Oxford.
2000. Oral presentation on NGSD behavior at the Animal Behavior Society annual conference, Atlanta, GA.
1999. Poster presentation on the NGSD at the annual conference of the International Council for Archaeozoology, Victoria, BC.
1997. Handraising Puppies. TFH Publications, Neptune, NJ.
1995. Mammal Surveys of the Lower Arroyo Seco Park, Pasadena, California and of Millard Canyon, Altadena, California. *Bulletin of the Southern Calif. Academy of Sciences*. Vol. 93(3):204 – 212.
1993. "Man and Dog: In the Beginning." Oral presentation at the Southwestern Anthropological Society Assn. Annual Meeting.

Teaching Experience

- 2004/2005. As a visiting lecturer, each year designed and directed two hands-on lab sections in describing behavior for the upper division Animal Behavior course of Carol Ferguson, Ph.D., Biology Dept., Southern Oregon University, Ashland, OR.
2005. Mentored/instructed a senior So. Oregon University student on her capstone research project: cognitive behavioral testing of New Guinea singing dogs.
2004. Taught upper division course History of the Environmental Movement, So. Oregon University, Ashland, OR.
- 1994/1995. Student assistant in general biology lab sections at C.S.U.L.A.
- 1975 - 1978. Designed and directed one canid behavior field exercise each year for the upper division Animal Behavior course of John O. Sullivan, Ph.D., Biology Dept., Southern Oregon State College, Ashland, OR.

Most Current Work Experience

- 2007 Taught two courses of dog training for at-risk youth for the Southern Oregon Humane Society.
- 2006 Served as advisor to Tigress Productions, London, U.K., on the documentary Dogs That Changed the World, produced for PBS.
- 2006 Taught two courses of dog training for at-risk youth for the Southern Oregon Humane Society.
2002. Advised on the documentary The Search for the First Dog, a National Geographic Channel production.
- 2000 – present. Sole proprietor of The Dog Advisor Behavior Services, Central Point, OR.

2003/06/07/08. Awarded short-term contracts by the USFWS National Wildlife Forensic Laboratory, Ashland, OR, to prepare study specimens for the Morphology Unit.
1999 – present. Volunteer at the USFWS National Wildlife Forensic Laboratory, Ashland, OR, in the Morphology Unit. Duties include: measuring canid skulls and bones, creating a comparative data base of measurements for canids, preparing mammal specimens.

Past Relevant Work Experience

Professional dog obedience trainer for 30 years; owned pet grooming shop for 7 years; served as veterinary technician for 3 years; did professional dog show handling for 3 years; for 3 years served as a bird quarantine guard/health technician for the U.S.D.A. Animal and Plant Health Inspection Unit in Los Angeles, CA; six months as a volunteer animal keeper at the Los Angeles Zoo (after completing a four month training program).

Canid Behavior Research

I have been studying the captive behavior of the New Guinea singing dog (*Canis hallstromi*) since 1994, with my own colony of NGSDs. This work culminated in a 42 page ethogram that included descriptions of several unusual behaviors (perhaps unique among *Canis* spp.). Brian Hare, Ph.D. (Max Planck Institute for Evolutionary Anthropology and Duke Univ.), and his student Tory Wobber, at my invitation, visited me in 2003 and we replicated the “following human cues” experiment tests he had already done on *Canis familiaris*, *C. lupus* and Belyaev’s tame *Vulpes vulpes*. In 2007, in collaboration with Ádam Miklósi, Ph.D. (Department of Ethology, Eötvös Loránd University, Budapest), I replicated his point-and-gaze cue tests with my NGSDs. The NGSD results of both series of tests are significantly different than those for domestic dogs in at least one measure. I have planned a comparison of NGSD behavioral development, birth to 12 weeks, to *Canis latrans*, *Canis lupus* and, if data can be obtained, from *Canis aureus*. I also am designing an experiment on canid front paw use (to obtain a reward through a barrier) that pet owners will be able to replicate.

Areas of Special Interest

The following subjects are my areas of special interest: theoretical and applied canid ethology and behavior; the origin of the domestic dog; animal behavior, especially of mammals; the human/animal bond/interaction; defining species; evolution.

Current Memberships

Animal Behavior Society; Association of Pet Dog Trainers; American Society of Mammalogists; Australian Mammal Society; New Guinea Singing Dog Conservation Society (founded the NGSDCS in 1995: now a recognized non-profit corp. with over 75 members); IUCN Canid Specialist Group; Primitive and Aboriginal Dog Society (founded PADS in 1996; grew to 60 international members).

Professional References:

Alice Moon-Fanelli, Ph.D., CAAB
Tuft’s University Veterinary College
Companion Animal Behavior Clinic
508-839-5395 X 84702
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Mary Lee Nitschke, Ph.D., CAAB
Linfield College, Portland, Oregon
Psychology Department
Animal Behavior School
503-413-7914
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Bonnie C. Yates, M.S.
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USFWS National Wildlife Forensic
Laboratory, Ashland, OR
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I. Lehr Brisbin, Jr., Ph.D.
University of Georgia
Biology Dept. (emeritus)
E-mail: brisbin@uga.edu