

Curriculum Vitae

Kurt M. Kotrschal,

Summary, January 2012

born May 5, 1953 in Linz, Austria, Austrian citizen;

married to Rosemarie Kotrschal since 1975

two children: Katharina (5/2/78; highschool teacher in Vienna); Alexander (6/2/80; Post Doc University of Uppsala)

Academic degrees, all Univ. Salzburg

1987 Habilitation, 1981 Ph.D (Dr. rer. nat), 1979 Masters of Science (Mag. Rer. nat)

Work experience

1990 till present: Associated Professor at the University of Vienna Department of Behavioural Biology and Director of the Konrad-Lorenz-Forschungsstelle für Ethologie in Grünau/Austria. Developed the KLF from a Local Player to an International Factor in Behav. Biology

1989-1990: Ass. Visiting Professor University of Colorado Health Sci. Ctr., Denver/CO, USA;

1981-1989: Assistant Professor at the University of Salzburg Institute of Zoology

1984-1985: Visiting Scientist, University of Arizona Institute of Zoology, Tucson

Visiting Professorships: University of NC, Wilmington; at the University of Leiden, NL; University of Victoria/Brazil; University of Rennes/France

Research interests

Present: human-animal relations; science and society; comparative social mechanisms and (social) cognition in vertebrates; social complexity; social physiology, notably stress management and hormones; individual behavioural phenotype

Editorships, council, board and society memberships

Member ASAB, DZG, EG, IAHAIO, ISAZ

Board members: ASAB (2001-2004), EG (2001- present), IAHAIO (vice president for finance and policies; 2007-present), ISAZ (Fall 2009-present); Scientific Advisor Mars/Waltham (starting Jan 2010-Dez. 2012); *Scientific advisory board:* ÖKV (Österreichischer Kynologenverband; 2001- present), ÖWV (Österreichischer

Wildgehegeverband 2001- present); Vienna Zoo (2000- present), Tierschutzrat am Lebensministerium: 2004-2011;

Presidency IEMT (Interdisziplinäres Inst. Z. Erforschung Tier-Mensch.Beziehung; 2000- present)

Associated editorship Acta Ethologica (2001 - 2011), consulting editor Anim. Behav. (2001-2004)

Invited lectures and seminars, awards, meetings organized

60 plenaries and major invited seminars; 6 scientific awards: 1981-1984: Görres-Gesellschaft; 1983: Theodor-Körner-Preis; 1984/85: Max-Kade; 1985: Science award Land Oberösterreich; 1985: Christian-Doppler-Preis Land Salzburg; 1989/90: Schrödinger-FWF; 11 Scientific meetings organized (8 international, 3 national), major (responsible) organizer in 7 of these.

Austrias Scientist of the Year 2010

Research Grants

Present: 3 (2 Austrian Science Foundation, 1 industry, total approx 600 000€), all on social mechanisms, including human-animal relations

Expired: 21 competitive research grants over 25 years, most from national and international funding agencies, some from industry. Grant total of all grants approx. 3.5 mio €

Teaching, students supervised, post-docs

A range of courses, practica and seminars in behavioural biology, ecological and evolutionary topics, comparative vertebrate anatomy and biology, ecomorphology, neurobiology and eco-ethology, ichthyology and marine biology; 1985-2008: supervised 32 masters students, 22 PhDs and worked with 8 Post-Docs.

Publications, Contributions to Meetings

1980-2012: 200 publications in refereed journals, books and book chapters; book reviews, etc.; 400 contributions to meetings (abstracts: orals and posters)

Public impact

Numerous popular science writings, transporting own and others scientific results and featuring topics related to science and humanities, human-animal relationships, science and society, including science and religion; numerous media interviews on these topics; regular bi-monthly column in Austrias leading newspaper (Die Presse).

Selected Publications

99. DAISLEY, J and K. KOTRSCHAL: Testosterone and development of behavioural phenotypes in precocial birds. VII. ISAE (int. Symp. Avian Endocrinol. Jan. 28.-Feb. 2 2000, Varanasi, India.
101. FRITZ, J., BISENBERGER, A. and K. KOTRSCHAL: Stimulus enhancement in greylag geese: socially mediated learning of an operant task. *Animal Behaviour* 59, 1119-1125 (2000)
108. PFEFFER, K., J. FRITZ and K. KOTRSCHAL: Hormonal correlates of being an innovative greylag goose. *Anim. Behav.* 63, 687-695 (2002)
117. KOTRSCHAL, K. and B. ORTBAUER: Behavioural effects of the presence of a dog in the classroom. *Anthrozoös* 16: 147-159 (2003)
128. SCHEIBER, I.B.R., WEISS, B.M., FRIGERIO, D. & K. KOTRSCHAL: Active and passive social support in families of Greylag geese (*Anser anser*). *Behaviour* 142: 1535-1557 (2005).
134. WASCHER, C.A.F., S. KRALJ, IBR SCHEIBER & K. KOTRSCHAL: Heart rate and coping style in greylag geese. *J. Ornithol.* 147: 269-270 (2006)
142. KOTRSCHAL, K., SCHLÖGL, C. & BUGNYAR, T.: Dumme Vögel? Lektionen von Rabenvögel und Gänsen. *Biol. Unserer Zeit*, 6, 366-374 (2007)
146. SCHOLL, S., G. GRALL, V. PETZL, M. RÖTHLER, L. SLOTTA- BACHMAYR & K. KOTRSCHAL: Behavioural effects of goats on disabled persons. *Therapeutic Communities*, fall 2008
150. BERTIN, A., RICHARD-IRIS, M.A., HOUDELIER, C., LUMINEAU, S., MÖSTL, E., KUCHAR, HIRSCHENHAUSER, K. & K. KOTRSCHAL: Habituation to humans affects yolk steroid levels and offspring phenotype in quail. *Hormones and Behavior* 54 (2008) 396-402
152. BERTIN, A., HIRSCHENHAUSER, K. & KOTRSCHAL K.: Trans-generational influence of human disturbances in Japanese quail: egg quality influences male social and sexual behavior. *Ethology*, 115, 879-887 (2009)
154. KOTRSCHAL, K., SCHÖBERL, I., BAUER, B., THIBEAUT, A-M. & WEDL, M.: Dyadic relationships and operational performance of male and female owners and their male dogs. *Behavioural Processes* 81 (2009) 383-391
155. DAY, J.E.L., KERGOAT, S. & KOTRSCHAL, K.: Do pets influence the quantity and choice of food offered to them by their owners: lessons from other animals and the pre-verbal human infant? *Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources*, (2009) 4, No. 042 <http://www.cababstractsplus.org/cabreviews> CAB International 2009 (Online ISSN 1749-8848)
156. WEDL, M. & KOTRSCHAL, K. Social and Individual components of animal contact in preschool children. *Anthrozoös* 22, 383-396 (2009)
159. KOTRSCHAL, K., BAUER, B., SCHÖBERL, I. & WEDL, M.: Towards the Nature of the Human-Dog Social Bond. *Journal of Veterinary Behavior: Clinical Applications and Research* 4 (2), 91-92. *Publ. Abstract* (2009)
160. SCHÖBERL, I., BAUER, B., DITTAMI, J., MÖSTL, E., WEDL, M. & KOTRSCHAL, K.: Effects of Owner Gender and Interaction Style on Stress Coping in Human-Dog Dyads. *Journal of Veterinary Behavior: Clinical Applications and Research* 4 (2), 91. *Publ. Abstract* (2009)
161. WEDL, M., BAUER, B., DITTAMI, J., SCHÖBERL, I. & KOTRSCHAL, K.: Effects of Personality and Sex on Behavioral Patterns in Human-Dog Dyads. *Journal of Veterinary Behavior: Clinical Applications and Research* 4 (2), 88-89. *Publ. Abstract* (2009)
166. WEDL, M., SCHÖBERL, I., BAUER, B., DAY, J. & KOTRSCHAL, K.: Relational factors affecting dog social attraction to human partners. *Interaction Studies*. *Interaction Studies* 11, 482-503 (2010)
167. HEMETSBERGER, J., SCHEIBER, I.B.R., WEISS, B., FRIGERIO, D. & K. KOTRSCHAL: Socially involved hand-raising makes Greylag geese which are cooperative partners in research, but does not affect their social behaviour. *Interaction Studies*, 11: 388-395 (2010)

168. WEDL, M., BAUER, B., GRACEY, D., GRABMAYER, C., SPIELAUER, E., DAY, J. & KOTRSCHAL, K.: Factors influencing the temporal patterns of dyadic interactions between domestic cats and their owners. *Behav. Proc.*, in Press (2010)
169. BEETZ, A., KOTRSCHAL, K., TURNER, D., HEDIGER, K., UVNÄS-MOBERG, K., & JULIUS, H. The effect of social support by a dog in insecurely attached children: An exploratory study. *Anthrozoös*, 24, 349-368 (2011)
174. SCHÖBERL, I., WEDL, M., BAUER, B., DAY, J., MÖSTL, E. & KOTRSCHAL, K.: Effects of owner-dog relationship and owner personality on cortisol modulation in human-dog dyads. *Anthrozoös*, in press.
187. KOTRSCHAL, K.: Eine integrative, systemorientierte Sicht sozialer Mechanismen. *Soziale Mechanismen*. (U. Gansloßer ed.), Filander Verlag Fürth, in Press (2002)
190. KOTRSCHAL, K.: *Im Egoismus vereint? Tiere und Menschentiere - das neue Weltbild der Verhaltensforschung*. Erstauflage: Piper, München, ISBN 3-492-03738-0 (1995), 2. Ed. Filander, Fürth (2003) ISBN 3-930831-44-9
191. KOTRSCHAL, K., J. HEMETSBERGER and B. WEISS: Homosociality in greylag geese. Making the best of a bad situation. In: (P. Vasey & V. Sommer, eds.) *Homosexual behaviour in animals: An evolutionary perspective*. Pp. 45-76. Cambridge University Press (2006) (2005)
193. KOTRSCHAL, K. V. BROMUNDT und B. FÖGER: *Faktor Hund - Hund. Eine sozio-ökonomische Bestandsaufnahme der Hundehaltung in Österreich*. Czernin Verlag, Wien 2004, ISBN 3-7076-0199-4 (2004)
197. KOTRSCHAL, K. (2009): *Die evolutionäre Theorie der Mensch-Tier-Beziehung*. In: *Gefährten - Konkurrenten - Verwandte. Die Mensch-Tier-Beziehung im wissenschaftlichen Diskurs* (In: C. Otterstedt & M. Rosenberger, Hg.), Göttingen: Vandenhoeck & Ruprecht.
199. KOTRSCHAL, K. (2011): *Emotions are at the core of individual social performance*. In: S.Watanabe & S.Kuczaj (eds): *Comparative perspective of human and animal emotion*", Springer 2011, in press

Books in Press:

201. KOTRSCHAL, K. J. HEMETSBERGER & B. WEIß: *Social Fabrics in Geese*. Contract with Cambridge University Press
202. JULIUS, H., BEETZ, A., KOTRSCHAL, K., TURNER, D. & UVNÄS-MOBERG, K. (2012) *Attachment to Pets. An Integrative View of Human-Animal Relationships with Implications for Therapeutic Practice*. Hogrefe, in press.