

Katherine A. Cronin

Max Planck Institute for Psycholinguistics
P.O. Box 310
6500 AH Nijmegen
The Netherlands
Katherine.Cronin@mpi.nl

EDUCATION

- Ph.D. University of Wisconsin, Madison
Psychology, May 2009
- Dissertation: *Proximate influences on cooperative behavior in cottontop tamarins: Economic, social and endocrine*
- B.S. University of Wisconsin, Madison
Zoology with honors, Aug 2001

RESEARCH POSITIONS

- 2011 – present Postdoctoral Staff Scientist
Max Planck Institute for Psycholinguistics &
Max Planck Institute for Evolutionary Anthropology
Comparative Cognitive Anthropology Research Group
- 2010 Visiting Scientist
Max Planck Institute for Psycholinguistics
Neurobiology of Language Research Group
- 2009 – 2010 Postdoctoral Fellow
Psychology Department, University of Wisconsin, Madison
Principal Investigator: Dr. Charles T. Snowdon
- Assay Services, Wisconsin National Primate Research Center
Principal Investigator: Dr. Toni Ziegler
- 2005 – 2008 National Science Foundation Graduate Research Fellow
Psychology Department, University of Wisconsin, Madison
Mentor: Dr. Charles T. Snowdon
- 2002 – 2004 Studbook Analyst
Conservation & Science Department, Lincoln Park Zoo
Supervisor: Dr. Steven Thompson

- 2001 – 2002 Associate in Research
Center for Cognitive Neuroscience, Duke University
Infant Cognition Laboratory and Rhesus Monkey Laboratory
Principal Investigator: Dr. Elizabeth Brannon
- 2000 – 2001 Research Assistant
Callithrichid Laboratory, University of Wisconsin, Madison
Principal Investigator: Dr. Charles T. Snowdon

TEACHING POSITIONS

- Associate Lecturer Comparing Animal Minds (Psychology 411)
University of Wisconsin, Madison
Fall 2008
- Teaching Assistant Animal Behavior: The Primates (Psychology 450)
University of Wisconsin, Madison
Spring 2007, Spring 2008, Spring 2009
- Visiting Instructor Introduction to Population Biology (select sections)
George Mason University & AZA Professional Development
Mini-course Fall 2003, Fall 2004

PUBLICATIONS

- Cronin, K.A.** (in press). Cognitive aspects of prosocial behavior in nonhuman primates. In N.M. Seel (Ed.) *Encyclopedia of the Sciences of Learning*. Heidelberg: Springer.
- Cronin, K.A.**, van Leeuwen, J. C., Mulenga, I. C. & Bodamer, M. D. (2011). Behavioral response of a chimpanzee mother toward her dead infant. *American Journal of Primatology*, 73: 415-421.
- Cronin, K.A.**, Schroeder, K.K.S. & Snowdon, C.T. (2010). Prosocial behaviour emerges independent of reciprocity in cottontop tamarins. *Proceedings of the Royal Society B: Biological Sciences*, 277: 3845-3851.
- Snowdon, C.T., Pieper, B.A., Boe, C.Y., **Cronin, K.A.**, Kurian, A.V. & Ziegler, T.E. (2010). Within-species variation in oxytocin is related to variation in affiliative behavior. *Hormones and Behavior*, 58: 614-618.
- Snowdon, C.T. & **Cronin, K.A.** (2009). Comparative cognition and neuroscience. In G. Berntson & J. Cacioppo (Eds.), *Handbook of Neuroscience for the Behavioral Sciences*. (pp. 32-55). Hoboken, NJ: John Wiley & Sons.

- Cronin, K.A.,** Schroeder, K.K.E., Rothwell, E.S., Silk, J.B. & Snowdon, C.T. (2009). Cooperatively breeding cottontop tamarins (*Saguinus oedipus*) do not donate rewards to their long-term mates. *Journal of Comparative Psychology*, 123: 231-241.
- Cronin, K.A. & Snowdon, C.T.** (2008). The effects of unequal reward distributions on cooperative problem solving by cotton-top tamarins (*Saguinus oedipus*). *Animal Behaviour*, 75: 245-257.
- Snowdon, C.T. & **Cronin, K.A.** (2007). Cooperative breeders do cooperate. *Behavioural Processes*, 76: 138-141.
- Cronin, K.A.,** Mitchell, M.A., Lonsdorf, E.V. & Thompson, S.D. (2006). One year later: An evaluation of PMC-recommended births and transfers. *Zoo Biology*, 25: 267-277.
- Cronin, K.A.,** Kurian, A.V. & Snowdon, C.T. (2005). Cooperative problem solving in a cooperatively breeding primate. *Animal Behaviour*, 69: 133-142.

CONFERENCE PRESENTATIONS WITH PUBLISHED ABSTRACTS

- Cronin, K.A.,** Snowdon, C.T. & Silk, J.B. (2008). Performance of cottontop tamarins on a food donation task: A comparison with chimpanzees and common marmosets. *Primate Eye*, 96 Special Issue, 17. Biennial meeting of the International Primatological Society, Edinburgh, Scotland.
- Cronin, K.A.** (2007). Cooperative problem solving by captive cotton-top tamarins (*Saguinus oedipus*): The effects of inequitable rewards. *American Journal of Primatology*, 69 S1, 36. Annual meeting of the American Society of Primatologists, Winston-Salem, NC., USA
- Cronin, K.A. & Snowdon, C.T.** (2006). The effect of unequal reward distribution on cooperative problem solving in cotton-top tamarins (*Saguinus oedipus*). *International Journal of Primatology*, 27 S, 197. Biennial meeting of the International Primatological Society, Entebbe, Uganda.
- Cronin, K.A.,** Kurian, A.V. & Snowdon, C.T. (2004). Cooperative problem solving in a cooperatively breeding primate: cotton-top tamarins (*Saguinus oedipus*). *American Journal of Primatology*, 62 S1, 125. Annual meeting of the American Society of Primatologists, Madison, WI, USA.
- Snowdon, C.T., Boe, C.Y., **Cronin, K.A.,** Joyce, S.M., Kurian, A.V., Moscovice, L.R. & Roskos, T.R. (2004). Cooperative cognition in cooperatively breeding tamarins. *Folia Primatologica*, 75 S1, 11. Presented by C.T. Snowdon at the Biennial meeting of the International Primatological Society, Torino, Italy.

INVITED PRESENTATIONS

- Cronin, K.A.** (2011). The impact of social dynamics on the emergence of cooperative behavior in primates. Department of Behavioural Biology, Leiden University, The Netherlands.
- Cronin, K.A.** (2011). The impact of social dynamics on the emergence of cooperative behavior in primates. COST Workshop on Evolution and Co-evolution: Physics of Competition, Cooperation and Conflict. Tarragona, Spain.
- Cronin, K.A.** (2010). Defining the boundaries of generosity: Cooperation, reciprocity and prosocial experiments in cooperatively breeding cottontop tamarins. Department of Psychology, University of Portsmouth, Portsmouth, UK.
- Cronin, K.A.** (2010). Defining the boundaries of generosity: Cooperation, reciprocity and prosocial experiments in cooperatively breeding cottontop tamarins. Department of Developmental and Comparative Psychology, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.
- Cronin, K.A.** (2009). Proximate influences on cooperative behavior in primates. University of Zurich Anthropology Department, Zurich, Switzerland.
- Cronin, K.A.** (2008). Stingy tamarins stir the pot: Who is prosocial anyway? Yale University Primate Social Cognition Workshop, New Haven, CT, USA.
- Cronin, K.A.**, Snowdon, C.T. & Silk, J.B. (2008). Performance of cottontop tamarins on a food donation task: A comparison with chimpanzees and common marmosets. Symposium: Cooperation, Reciprocity & Responses to Inequity. International Primatological Society, Edinburgh, Scotland.
- Cronin, K.A.** (2007). We're in it together: Cooperative problem solving by cottontop tamarins. University of Chicago Animal Behavior Research Group. Chicago, IL, USA.

OTHER PRESENTATIONS

- *Primate Communication* (2011)
Guest Lecture Radboud University course, Neurobiology and Evolution of Language
- *The impact of social dynamics on the emergence of cooperative behavior in primates* (2011)
Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands
- *Prosocial behavior emerges independent of reciprocity in cottontop tamarins* (2010)
Biennial meeting of the International Primatological Society, Kyoto, Japan
- *Learning to play nice: The emergence of prosocial behavior among pairbonded tamarins* (2010)

European Conference on Behavioural Biology, Ferrara, Italy

- *Punishment among cooperative primates* (2009)
Midwest Primate Interest Group, Grand Valley State University, Allendale, MI, USA
- *History of animal behavior research* (2009)
Guest lecture, UW-Madison Psychology Department course, Animal Behavior
- *Prosocial behavior in primates* (2009)
Guest Lecture UW-Madison Psychology Department course, Animal Behavior: The Primates
- *Proximate influences on cooperative behavior in tamarins* (2009)
UW-Madison Interdisciplinary Animal Behavior Seminar
- *Reciprocal altruism in primates* (2008)
Guest Lecture UW-Madison Psychology Department course, Animal Behavior: The Primates
- *We're in it together: Cooperative problem solving by cottontop tamarins* (2008)
UW-Madison Interdisciplinary Animal Behavior Seminar
- *Cognition of New World monkeys* (2007)
Guest Lecture UW-Madison Psychology Department course, Animal Behavior: The Primates
- *Primate origins of cooperation and reciprocity* (2006)
UW-Madison Board of Visitors
- *Cooperation in tamarins: Long-term memory and the effects of unequal rewards* (2005)
Midwest Primate Interest Group, Washington University, St. Louis, MO, USA
- *Animals need a yenta too* (2004)
Lincoln Park Zoo Lecture Series, Chicago, IL, USA

HONORS, AWARDS AND GRANTS

- 2011-2014 Netherlands Organization for Scientific Research (NWO) Veni grant
- 2005-2008 National Science Foundation Graduate Research Fellowship
- 2008 Hertz Collaborative Research Award, University of Wisconsin
- 2005, 2006, 2007, 2008 Hertz Research Travel Award, University of Wisconsin
- 2006 International Primatological Society Student Paper Competition, Honorable Mention
- 2001 Hilldale Undergraduate/Faculty Research Fellowship, University of Wisconsin

PROFESSIONAL AND SCIENTIFIC AFFILIATIONS (2001 to present)

- American Society of Primatologists
- American Zoo & Aquarium Association
- Chimfunshi Wildlife Orphanage Trust, Research Advisory Board
- International Primatological Society
- Marmoset Research Group of the Americas
- Midwest Primate Interest Group

AD-HOC REVIEWER

- *Animal Cognition*
- *Biology Letters*
- *Current Biology*
- *Ethology*
- *International Journal of Primatology*
- *Journal of Comparative Psychology*
- *Philosophical Transactions of the Royal Society*
- *Public Library of Science (PLOS) One*