

Curriculum Vitae Malini Suchak

Department of Animal Behavior, Ecology, and Conservation
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EDUCATION

- 2013 Ph.D., Psychology, Neuroscience and Animal Behavior Program, Emory University, Atlanta GA
Thesis title: *Chimpanzees cooperate in a competitive world*
- 2010 M.A., Psychology, Neuroscience and Animal Behavior Program, Emory University, Atlanta GA
Thesis title: *Capuchin monkeys cooperate with strangers: learning the benefits of reciprocity with in-group and out-group members*
- 2007 B.S., Biology, Summa Cum Laude, Canisius College, Buffalo, NY

ACADEMIC APPOINTMENTS

- 2013-present Assistant Professor, Department of Animal Behavior, Ecology, and Conservation
Canisius College, Buffalo, NY
- 2012-2013 Adjunct Professor, Department of Animal Behavior, Ecology, and Conservation
Canisius College, Buffalo, NY
- 2010 Visiting Fellow, Primate Research Institute, Kyoto University, Inuyama, Aichi,
Japan

PEER REVIEWED PUBLICATIONS (* denotes mentored undergraduate, † graduate)

Suchak, M., Piombino, M*, and Bracco, K*. (under review). Predictors of sociability in colony housed shelter cats (*Felis silvestris catus*). *Applied Animal Behaviour Science*.

†Schuckle, L. and **Suchak, M.** (revised and resubmitted). Past experience influences the social behavior of cows (*Bos taurus*) and pigs (*Sus scrofa*) in the sanctuary setting. *Journal of Applied Animal Welfare*.

Suchak, M., Eppley, T.M., Campbell, M.W. and de Waal, F.B.M. (2014). Ape duos and trios: Chimpanzee cooperation under free partner choice. *PeerJ*. 2:e417.
<http://dx.doi.org/10.7717/peerj.417>.

*Crick, J., **Suchak, M.**, Eppley, T.M., Campbell, M.W. and de Waal, F.B.M. (2013). The roles of food quality and sex in chimpanzee sharing behavior (*Pan troglodytes*). *Behaviour*, 150, 1203-1224.

Eppley, T.M., **Suchak, M.**, *Crick, J., and de Waal, F.B.M. (2013). Perseverance and food sharing among closely related chimpanzees. *Primates*, 54, 319-324.

Suchak M. and de Waal, F.B.M. (2012). Monkeys benefit from reciprocity without the cognitive burden. *Proceedings of the National Academy of Sciences USA*, 109, 15191-15196.

Horner, V., Carter, J. D., **Suchak, M.** and de Waal, F. B. M. (2011) Spontaneous prosocial choice in chimpanzees. *Proceedings of the National Academy of Sciences USA*, 108, 13847-13851.

de Waal, F.B.M. and **Suchak M.** (2010). Prosocial Primates: Selfish and Unselfish Motivations. *Philosophical Transactions of the Royal Society B*, 365, 2711-2722.

GRANTS AND FELLOWSHIPS

- 2014 Farm Sanctuary Foundation "Someone Project," with Larisa Schuckle, ANZO graduate student. (\$2,700)
- 2014 Al & Noura Gress Foundation for cat sociability project. (\$1,000)
- 2012-2014 Collaborator, Greater Good Science Center Grant for Chimpanzee Cooperation Project (PI: Frans de Waal; \$188,000)
- 2012-2013 Dean's Teaching Fellowship, Emory University (\$20,000)
- 2011-2012 NSF GK12 Fellowship: Problems and Research Integrating Science and Mathematics (PRISM; \$30,000)
- 2011 ORDER Teaching Fellowship, Emory University (\$7,000; declined)
- 2010 Japanese Society for the Promotion of Science (JSPS) HOPE-GM Fellowship, Primate Research Institute, Kyoto University (\$10,000)
- 2006 NSF and Indiana University CISAB, Turner Travel Grant (\$650)
- 2005-2007 Howard Hughes Medical Institute (HHMI) Research Fellowship, Canisius College (\$8,000)
- 2004-2005 Canisius Earning Excellence Program (CEEP) Fellowship (\$3,500)

TEACHING AND MENTORING EXPERIENCE

Courses taught

2012-present Canisius College

Undergraduate: Animal Behavior, Animal Welfare, Animal Cognition

Graduate (online): Animal Behavior/Communication, Animal Welfare, The Mental Lives of Animals

2012 Dean's Teaching Fellow, Emory University
Comparative Animal Cognition

2011-2012 NSF GK12: Problems and Research Integrating Science and Mathematics (PRISM) Fellow

2010-2011 Teaching assistant
Primate Social Psychology

Animal Behavior

2009, 2011 **Emory Summer Undergraduate Research Experience (SURE) Mentor**
Students: Jennifer Crick, Swarthmore College
Carla Heyler-Pinuelas, Emory University

2008-2009 **Laboratory instructor**
Research Methods
Applied Statistics for Psychology

2007-2010 **Honors Student Supervisor**
Students: Carla Heyler-Pinuelas, Emory University
Daniel Brubaker, Emory University
Amanda Greenberg, Emory University

PRESENTATIONS (* denotes mentored undergraduate, † graduate)

Suchak, M., *Piombino, M., and *Bracco, K. (2015). Colony housed shelter cats show high variability in association with conspecifics. Talk presented at the ISAZ 2015 Conference, Saratoga Springs, NY, 7-9 July 2015.

*Bracco, K., *Piombino, M., and **Suchak, M.** (2015). Individual differences in sociability and welfare in colony housed shelter cats. Poster presented (by K.B.) at the 52nd Annual Conference of the Animal Behavior Society, Anchorage, Alaska, 10-14 June, 2015.

†Schuckle, L., and **Suchak, M.** (2015). Past experience influences the social behavior of cows (*Bos Taurus*) and Pigs (*Sus scrofa*) in the sanctuary setting. Poster presented (by M.S.) at the ISAZ 2015 Conference, Saratoga Springs, NY, 7-9 July 2015.

Watzek, J., **Suchak, M.**, Berman, S.M., and de Waal, F.B.M. (2015). Chimpanzees (*Pan troglodytes*) assess potential benefits before investing in a cooperative task. Talk presented (by J.W.) at the 38th Meeting of the American Society of Primatologists, Bend, OR, 17-20 June, 2015.

Campbell, M.W., **Suchak, M.**, Watzek, J., and de Waal, F.B.M. (2015). The behavioral mechanisms that allow chimpanzees to cooperate when rewards are unequal. Talk presented (by M.W.C.) at the 38th Meeting of the American Society of Primatologists, Bend, OR, 17-20 June, 2015.

*Akashima, M. and **Suchak, M.** (2014). Communication of chimpanzees during a cooperative task. Poster accepted for presentation at the Nor'Eastern Primate Ecology, Evolution & Behavior Group, Rutgers University, 7-8 November 2014.

Suchak, M. (2014). Chimpanzees cooperate in a competitive world. Invited talk presented at the University at Buffalo Anthropology Research Seminar, 24 September 2014.

Calcutt, S.E., Watzek, J., **Suchak, M.**, and de Waal, F.B.M. (2014). Formation of a dominance hierarchy in two newly formed groups of captive chimpanzees (*Pan troglodytes*). Talk presented (by S.E.C.) at the 37th Meeting of the American Society of Primatologists, Decatur, GA, 12-15 September 2014.

Suchak, M. and *Piombino, M. (2014). Variation in sociability of colony housed cats in shelters. Talk presented at the 51st Annual Conference of the Animal Behavior Society, Princeton, New Jersey, 9-14 August 2014.

Suchak, M. and de Waal, F.B.M. (2014) Gratitude: An Evolutionary Perspective. Invited symposium talk presented at the Association for Psychological Science conference, San Francisco, California, 22-25 May 2014.

Suchak, M., Watzek, J., and de Waal, F.B.M. (2013). Partner choice and competition during cooperation in chimpanzees. Talk presented at the 50th Annual Conference of the Animal Behavior Society, Boulder, Colorado, 28 July-1 August 2013.

George, E., Stevens, L., **Suchak M.** and Noonan, M. (2013). Attention by beluga whales to human mimicry movements. Poster presented (by E.G.) at the 50th Annual Conference of the Animal Behavior Society, Boulder, Colorado, 28 July-1 August 2013.

Suchak, M., Eppley, T.M., Campbell, M.W., and de Waal, F.B.M. (2012). Three chimpanzees coordinate their behavior to solve a cooperative task. Talk presented at the XXIV Congress of the International Primatological Society, Cancun, Mexico, 12-17 August 2012.

Suchak, M., Eppley, T.M., Campbell, M.W., and de Waal, F.B.M. (2012). Why freeloading doesn't pay in chimpanzees. Talk presented at the Conference on the Evolution of Morality, Erice, Sicily, 17-23 June 2012.

Suchak, M., Eppley, T.M., Campbell, M.W., and de Waal, F.B.M. (2012). Partner choice in a cooperative task in chimpanzees. Talk presented at the 49th Annual Meeting of the Animal Behavior Society, Albuquerque, New Mexico, 10-14 June 2012.

Richardson, R. and **Suchak, M.** (2012). Ocean Floor Explorers: Teaching ocean floor features through problem-based learning. Workshop presented at the Annual NSF GK12 Meeting, Washington D.C., 16-18 March 2012.

Suchak, M. and de Waal F.B.M. (2011). Inequity and reciprocity modulate prosocial tendencies in capuchin monkeys (*Cebus apella*). Poster presented at the Conference on Comparative Cognition, Melbourne Beach, Florida, 2-5 March 2011.

Suchak, M. and de Waal, F. B. M. (2010). Capuchin monkeys cooperate with out-group partners. Talk presented at the HOPE-GM Lectures on Primate Mind and Society, Kyoto, Japan, 22-23 March 2010.

Suchak, M. and de Waal, F. B. M. (2010). Capuchin monkeys cooperate with strangers: learning the advantages of cooperating with in-group and out-group partners. Talk presented at the 2nd NIMBIOS Coalitions and Alliances Working Group Meeting, Knoxville, TN, 4-6 February, 2010.

Suchak M. and de Waal F.B.M. (2008). Reciprocity in Capuchin Monkeys. Talk presented at the TECT-INCORE Summer School: Tools of the Trade in Cooperation Research, Obernai, France, 30 August- 6 September 2008.

Suchak M. and Noonan M. (2006). The Timing of Killer Whale Calls is Not Random in a Social Context: Killer Whales Take Turns When Calling. Poster presented at the Animal Behavior Society 43rd Annual Meeting, Snowbird, Utah, 12-16 August 2006.

Suchak M. and Noonan M. (2005). Changes in Swimming Speed and Body Posture as a Function of Age in a Captive Neonatal Killer Whale. Poster presented at the Society for Marine Mammalogy Biennial Conference, San Diego, California, 11-17 December 2005.

Noonan M. and **Suchak M.** (2005). Long Term Stability and Individual Distinctiveness in Captive Orca Vocalizations. Talk presented at the Acoustical Society of America Conference, Vancouver, British Columbia, Canada, 16-20 May 2005.

Local Presentations (* denotes mentored undergraduate)

*Piombino, M., *Bracco, K., and **Suchak, M.** (2015). Implications of individual differences in sociability on the welfare of colony housed shelter cats (*Felis catus*). Poster presented at Ignatian Scholarship Day, Canisius College, Buffalo, NY.

*Quarles, L. and **Suchak, M.** (2015). Expert vs. novice understanding of a cooperative task in chimpanzees. Poster presented at Ignatian Scholarship Day, Canisius College, Buffalo, NY.

*Akashima, M. and **Suchak, M.** (2015). Communication during cooperation in chimpanzees. Poster presented at SUNY Buffalo Primate Symposium, Buffalo, NY.

*Akashima, M. and **Suchak, M.** (2014). Communication during cooperation in chimpanzees. Poster presented at Ignatian Scholarship Day, Canisius College, Buffalo, NY.

Suchak, M. (October 2013). Gratitude in nonhuman primates. Invited talk presented at the Expanding the Science and Practice of Gratitude Symposium, University of California at Berkeley, Berkeley, CA.

Suchak, M. (January 2013). Cooperation in nonhuman animals. Talk presented at the Canisius College Research Festival, Canisius College, Buffalo, NY.

Suchak, M. (January 2013). Cat social cognition. Invited talk presented at the Cats in Context symposium, Canisius College, Buffalo, NY.

Suchak, M. (November 2012). Cooperative decision-making in nonhuman primates. Invited talk presented at the Goizuetta Business School Lunch and Learn Speaker Series, Emory University, Atlanta, GA.

Suchak, M. (October 2012). Chimpanzee cooperation. Talk presented at the Chimpanzee Animal Care Training Series, Yerkes National Primate Research Center, Lawrenceville, GA.

Suchak, M., & de Waal, F.B.M. (May 2012). The effect of mutualism and reciprocity on prosocial behavior in capuchin monkeys. Talk presented at the LRC/LL Capuchin Symposium, Language Research Center, Georgia State University, Atlanta, GA.

Suchak, M. (February 2012). Chimpanzee cooperation in a group setting. Talk presented as part of a speaker series during Technician Appreciation Week, Yerkes National Primate Research Center, Lawrenceville, GA

Calcutt, S., Rubin, T., & **Suchak, M.** (September 2011). Methods to explore social cognition. Poster presented at the Psychology Department Research Festival, Emory University, Atlanta, GA.

*Crick, J., **Suchak, M.**, Eppley T., Campbell, M., & de Waal, F. B. M. (August 2011). Food sharing strategies in captive chimpanzees (*Pan troglodytes*). Poster presented at the Emory Summer Undergraduate Research Experience, Emory University, Atlanta, GA.

Suchak, M. (March 2011). Chimpanzee cooperation in an open-group setting. Talk presented at the Neuroscience & Animal Behavior Program Seminar Series, Emory University, Atlanta, GA.

Suchak, M. (October 2010). A comparative perspective on helping behavior. Invited talk given as part of the Cognition and Development Program Seminar Series, Emory University, Atlanta, GA.

Suchak, M., Rubin, T., & Calcutt, S. (September 2010). Studies of social cognition in *Cebus* and *Pan*. Poster presented at the Psychology Department Research Festival, Emory University, Atlanta, GA.

Suchak, M. (February 2010). Capuchin monkeys cooperate with strangers: learning the advantages of cooperating with in-group and out-group partners. Talk presented at the Neuroscience & Animal Behavior Program Seminar Series, Emory University, Atlanta, GA.

*Heyler-Pinuelas, C., **Suchak, M.,** & de Waal, F. B. M. (August 2009). Affiliative behavior reflects prosocial decisions in capuchin monkeys. Poster presented at the Emory Summer Undergraduate Research Experience, Emory University, Atlanta, GA.

Suchak, M. (March 2009). Killer whale vocal behavior. Talk presented at the Neuroscience & Animal Behavior Program Seminar Series, Emory University, Atlanta, GA.

Suchak, M. (April 2008). Cooperation and reciprocity in capuchin monkeys. Talk presented at the Neuroscience & Animal Behavior Program Seminar Series, Emory University, Atlanta, GA.

HONORS AND AWARDS

2012 American Association of University Women (AAUW) Dissertation Fellowship Alternate (declined)
2008, 2009 NSF Graduate Fellowship Research Program Honorable Mention
2006- present Alpha Sigma Nu Jesuit Honor Society
2005-present Tri-Beta Biological Honor Society National Member

PUBLIC OUTREACH

Nature Guide, Reinstein Woods Nature Preserve (2015-present)

Yerkes National Primate Research Center Tour Guide (2010-2013).

Guest lecturer: "What chimpanzees tell us about our own cooperative nature." Dacula High School, Dacula, GA (October 2012).

Guest lecturer: "From culture to cooperation: Studies of chimpanzee cognition conducted at the Living Links Center." Lambert High School, Suwanee, GA (April 2012 and April 2013).

Science Fair Judge. Chamblee High School (March 2012).

Workshop Leader: Girls in STEM Fields Hands-On Demo Day (February 2012).

Guest lecturer: "Whales." Think Elephants International After-School Program, East Side Middle School, New York, NY (October 2011).

CAREER DEVELOPMENT

Lilly Conference on College & University Teaching (October 2013). Attended a three day conference on best practices in college teaching.

Georgia Tech Interactive Teaching Workshop (June 2013). Participated in a workshop designed to introduce different active learning strategies.

13th Annual IRACDA Conference on Teaching (May 2013). Participated in seminars on best practices in teaching and mentoring, flipped classrooms and case studies.

Canisius College Online Course Development Workshop (Spring 2012). Participated in a five-week training program to learn about technology and best practices in online pedagogy.

Problems and Research Integrating Science and Mathematics Summer Institute (June 2011). Participated in a two-week training program to learn how to develop and implement Problem Based Learning methodologies in the classroom.

Emory Center for Science Education Mentoring Seminar (Summer 2009). Participated in a six-week seminar addressing mentoring development and handling mentoring challenges.

Seminar: "Teaching Students How to Write" (February 2009). Attended a seminar focused on developing student's writing skills and addressing common problems with writing.

Teaching Practicum (Fall 2008). Completed a semester-long course examining best practices and current research in teaching at the university level.

Teaching Assistant Training and Teaching Opportunity (TATTO, Summer 2008): Completed a three-day training program for teaching assistants.

PROFESSIONAL AFFILIATIONS

International Society for Anthrozoology, 2015-present

American Society of Primatologists, 2011-present

International Primatological Society, 2011-present

Comparative Cognition Society, 2010-2012

Animal Behavior Society, 2004-2006, 2010-present

Society for Marine Mammology, 2005-2006

ACADEMIC SERVICE

Library Liason, 2013-present

Member, Department Assessment Committees, 2013-present

Member, Information Literacy Committee, 2014

Member, Chimpanzee Management Team, 2012-2013

Member, Graduate School Advisory Council, 2010-2012

Member, Graduate School Ethics Committee, 2007-2009

Member, Graduate School Instructors in Psychology, 2007-2013

Ad hoc reviewer for: *Proceedings of the Royal Society B*, *eLife Sciences*, *Ethology*, *Ecology & Evolution*, *PLoS ONE*, *WIREs Cognitive Science*, *Folia Primatologica*, *Frontiers in Psychological Science*, *Behaviour*, *Ethology*, *Animal Behaviour*, *Cambridge University Press* (textbook reviewer), *Oxford University Press* (textbook reviewer)