

MARIETTA DINDO

Curriculum Vitae

Mind, Brain & Evolution Center
Department of Philosophy, 801 22nd Street, NW
The George Washington University
Washington, DC 20052
E-mail: mdindo@gmail.com

Education

- 2009 **PhD in Psychology**
University of St Andrews, St Andrews, Scotland, UK
Advisor: Professor Andrew Whiten
Second Advisor: Dr. Klaus Zuberbühler
- 2002 **Bachelor of Science in Anthropology and Human Biology**
Emory University, Atlanta, GA, USA
Advisor: Professor Patricia Whitten

Research and Supervisory Experience

- Jan 2009 - present **Postdoctoral Research Fellow**
*Mind, Brain and Evolution Center, George Washington University
Washington, D.C.*
- Postdoctoral Research Associate**
Smithsonian National Zoological Park, Washington, D.C.
- Support National Science Foundation funded program, “The Evolution of Cultural Learning” at Smithsonian’s National Zoological Park (SI/NZP) in collaboration with The George Washington University (GWU), and Dr. Francys Subiaul’s Ape Mind Initiative (AMI). Conduct research on prosociality, theory-of-mind, and motor-spatial imitation learning with orangutans and gorillas. Supervise undergraduate research. Present daily lectures for public visitors at the Think Tank exhibit at NZP as well as evening seminars for donors and Friends of the National Zoo (FONZ) members.
- May - July 2008 **Visiting Researcher**
Zoo Atlanta, Atlanta, Georgia
Collaborators: Dr. Tara Stoinski & Prof. Andrew Whiten
- Project Title:**
“Social diffusion of novel foraging methods in gorillas (*Gorilla gorilla*) and orangutans (*Pongo pygmaeus* & *Pongo abelii*)”
- Oct 2006 – Mar 2007 **Visiting Researcher**
*Centre de Primatologie & Département Ecologie, Physiologie et Ethologie of CNRS
Université Louis Pasteur, Strasbourg, France*
Collaborators: Dr. Bernard Thierry & Prof. Andrew Whiten
- Project Titles:**
“The fidelity of learning from localized stimulus enhancement & object movement re-enactment in capuchin monkeys (*Cebus apella*)”, and
“Social diffusion of novel foraging methods in capuchin monkeys (*Cebus apella*) and Tonkean macaques (*Macaca tonkeana*)”

- Aug 2004 – Aug 2005 **Supervisor and Lead Research Specialist for Dr. Frans de Waal’s Chimpanzee Laboratory**
Living Links, Yerkes National Primate Research Center Field Station
Emory University, Lawrenceville, Georgia
 Trained and tested chimpanzee subjects in match-to-sample paradigm on joy-stick operated computers, Collected daily observational data on group social dynamics for two colonies of chimpanzees; Trained graduate and undergraduate researchers in chimpanzee behavior and research protocol; Coordinated with vet staff, enrichment department and animal care personnel in the management of two chimpanzee colonies.
- Aug 2004 – Jan 2005 **Staff Advisor for Freshman Advising and Mentoring at Emory**
Emory College, Emory University, Atlanta, Georgia
 Advisor to first year undergraduate students as part of an orientation program focused on integrating freshman into the Emory community. Provided students with academic advising, planned social and cultural outings within Emory and around Atlanta.
- Jul 2002 – Jul 2004 **Supervisor and Research Specialist for Dr. Frans de Waal’s Capuchin Laboratory**
Living Links, Yerkes National Primate Research Center Main Station
Emory University, Atlanta, Georgia
 Developed experimental procedures and ethograms for research on cooperation, food sharing, social learning, and theory of mind; Collected, coded, and evaluated experimental and observational data on vocalizations, social hierarchies, grooming practices, and food sharing for 30 capuchins; Trained graduate and undergraduate student researchers in laboratory protocol, animal handling, data collection, and enrichment activities.
- Jun 2003 – Aug 2003 **Field Assistant to Dr. Patricia Whitten**
Beza Mahafaly Special Reserve, Madagascar
 Collected biological samples and behavioral data relating to the study of socially-mediated factors affecting seasonal testicular function in Verreaux’s sifakas (*Propithecus verreauxi*).
- Oct 2000 – Jun 2002 **Senior Research Assistant in Dr. Frans de Waal’s Capuchin Laboratory**
Living Links, Yerkes National Primate Research Center
Emory University, Atlanta, Georgia
 Directed group-introduction project for a capuchin infant trained using classical conditioning methods; Developed and implemented weekly enrichment activities to promote primate health and facilitate natural capuchin behavior-patterns; Assisted in Dr. de Waal’s NSF funded research projects.

Media Relations and Web Development Experience

- 2004-2005 **Marketing Assistant**
 Coordinated the 2005 national lecture series for Dr. de Waal; Functioned as liaison to Penguingroup, Inc. in the production of Dr. de Waal’s 2005 national book tour; Provided website development and maintenance for internet marketing of Dr. de Waal’s 2005 publication (<http://www.ourinnerape.com>).
- 2000-2006 **Media and Web Developer for the Living Links Center**
 Produced educational video on primate research for use in Emory’s undergraduate course, *Primate Social Psychology*;
 Provided website media services, including design and maintenance of the Living Links

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Produced educational video on primate research for use in Emory's undergraduate course, *Primate Social Psychology*;

Provided website media services, including design and maintenance of the Living Links website (http://www.emory.edu/LIVING_LINKS); conducted guided tours of the Yerkes Primate Center to visiting researchers; provide resource materials for general press announcements as featured in *CNN.com*, *NEXT@CNN* and *The New York Times*

Publications

Dindo, M., Leimgruber, K., Whiten, A., de Waal, F.B.M. (*in prep*). Observer preference in the social transmission of novel foraging techniques in capuchins (*Cebus apella*).

Dindo, M., Stoinski, T., Subiaul, F., and Whiten, A. (*in prep*). Observational learning of live-model and video-model conspecifics in orangutans and gorillas.

Dindo, M., Whiten, A., de Waal, F.B.M. (*under review*). Open diffusion of group-specific foraging methods (*Cebus apella*).

Dindo, M., de Waal, F.B.M., Thierry, B., and Whiten, A. (*in press*). Conditional copying fidelity in capuchin monkeys (*Cebus apella*). *Journal of Comparative Psychology*.

Dindo, M., Whiten, A., de Waal, F.B.M. (2009). Social facilitation of an experimental foraging technique in brown capuchins (*Cebus apella*). *American Journal of Primatology* 71(5): 419–426.

Dindo, M. (2009). Social learning and behavior transmission. In *Encyclopedia of Behavioral Neuroscience*, Eds. George Koob, Richard F. Thompson & Michel Le Moal. Elsevier Press, Oxford.

Dindo, M., Thierry, B., and Whiten, A. (2008). Social diffusion of novel foraging methods in brown capuchin monkeys (*Cebus apella*). *Proceedings of the Royal Society of London: B* 275(1631):187-93.

Dindo, M. and de Waal, F.B.M. (2007). Partner effects on food consumption in brown capuchin monkeys. *American Journal of Primatology* 69(1):1-9.

de Waal, F. B. M., **Dindo, M.**, Freeman, C.A., and Hall, M.A. (2005). Monkey in the mirror: hardly a stranger. *Proceedings of the National Academy of Sciences of the USA*. 102(32): 11140-11147.

Patisaul, H.B., **Dindo, M.**, Whitten, P.L. and Young, L.J. (2001). Soy isoflavone supplements antagonize reproductive behavior and ER α - and ER β -dependent gene expression in the brain. *Endocrinology* 142(7): 2946-2952.

Presentations & Invited Talks

Dindo, M. (October 6, 2009) Tool-use in animals. Mind, Brain and Evolution Seminar, The George Washington University, Washington, DC, USA. [Oral Presentation]

Dindo, M., Stoinski, T., Subiaul, F., and Whiten, A. (September 19, 2009) Social learning and diffusion of novel foraging tasks in orangutans (*Pongo pygmaeus x Pongo abelii*). American Society of Primatologists Meeting, San Diego, CA, USA. [Poster Presentation]

Dindo, M., de Waal, F. B. M., and Whiten, A. (June 5, 2009) In-group conformity sustains different foraging traditions in capuchin monkeys. The Primate Mind Conference, Erice, Sicily, Italy [Poster Presentation]

Dindo, M. (August 8, 2008) Copying fidelity in capuchin monkeys (*Cebus apella*). International Primatological

Dindo, M. (August 8, 2008) Copying fidelity in capuchin monkeys (*Cebus apella*). International Primatological Society XXII Congress, Edinburgh, United Kingdom. [Oral Presentation]

Dindo, M. (March 18, 2008) Theory of Mind and Mirror Self-Recognition. Primate Social Psychology Course 325, Department of Psychology, Emory University, Atlanta, GA, USA. [Invited Lecture]

Dindo, M., B. Thierry, F. B. de Waal, A. Whiten (June 24, 2007) Social transmission of experimental foraging techniques in capuchin monkeys (*Cebus apella*). American Society of Primatologists Meeting, Winston-Salem, NC, USA. [Oral Presentation]

Dindo, M. (February 22, 2007) Chaînes de transmission chez les singes Capucins. Département Ecologie, Physiologie et Ethologie, Université Louis Pasteur, Strasbourg, France. [Oral Presentation]

Dindo, M. (January 23, 2007) Social learning of experimentally induced foraging techniques in *Cebus apella*, Scottish Primate Research Group Annual Meeting, Edzoi, UK. [Oral Presentation]

Dindo, M. (March 16, 2006) Experimentally Initiated Traditions in Capuchins (*Cebus apella*). University of St Andrews *Psycholoquia* Presentation. St Andrews, UK. [Oral Presentation]

Dindo, M., Horner, V., Bonnie, K.E., and Pollick, A. (January 19, 2005) The Role of Behavioral Studies at Yerkes: An Overview of the de Waal Lab Research Collaborative. Yerkes National Primate Research Center

Ad Hoc Reviewer

Ethology

Professional Societies & Organizations

Animal Behavior Society, American Society of Primatologists, Association for the Study of Animal Behavior, Comparative Cognition Society, International Primatological Society

Grants

2007 Russell Trust of Scotland Research Grant Award £1200
2007 International Primatological Society Research Grant \$1400

Honors and Awards

2007 VI. Göttinger Freiländertage Student Competition - 2nd Place Poster Prize, €150
2006 National Science Foundation - Honorable Mention, Graduate Student Fellowship Award
2005 Yerkes National Primate Center, Enrichment Proposal Design Award - Best Design
2004 Yerkes National Primate Research Center, Employee of the Quarter Award
2000 – 2002 Lambda Alpha, National Anthropology Honors Society
2001 Emory University Dean's List

Additional Computer Skills

UNIX, Windows 9x-XP, Mac OS X, Microsoft Word, Excel, PowerPoint, Dream Weaver, Fireworks, Adobe Photoshop, Adobe Premiere including streaming media file production, iMovie, Final Cut Pro, SketchUp, Endnote, SPSS, Systat, basic hardware installation, LAN configuration, "Match to Sample" software and hardware configuration.

Language Skills

Fluent in German and Swiss German; Proficient in French.