

Rachna B. Reddy

Curriculum Vitae

August 3, 2016

Department of Anthropology
University of Michigan
1085 S. University Ave.
Ann Arbor, MI 48109

rachnare@umich.edu
(586) 944-4785

EDUCATION

2013-present Ph.D. candidate, Anthropology, University of Michigan

2012 B.A. with Distinction, Evolutionary Anthropology, Duke University

POSITIONS HELD

2014 - 2015 Graduate Student Instructor, Department of Anthropology, University of Michigan

2012 - 2013 Lab Manager, Hominoid Psychology Research Group and Duke Canine Cognition Center,
Department of Evolutionary Anthropology, Duke University,
P.I. Dr. Brian Hare

PUBLICATIONS

Journal Articles

2016 Sandel AA, **Reddy RB**, Mitani JC. Adolescent male chimpanzees do not form a dominance hierarchy with their peers. *Primates*: 10.1007/s10329-016-0553-z

2016 **Reddy RB**, Krupenye C, MacLean EL, Hare B. No evidence for yawn contagion in lemurs. *Animal Cognition* 19(5):889-898

2015 **Reddy RB**, MacLean EL, Sandel AA, Hare B. Social inhibitory control in five lemur species. *Primates* 56(3): 241-252

2014 MacLean EL, Hare B, Nunn C...**Reddy RB**...et al. The evolution of self-control. *Proceedings of the National Academy of Sciences* 111(20): E2140-E2148

2013 MacLean EL, Sandel AA, Bray J, Oldenkamp RE, **Reddy RB**, Hare B. Group size predicts social but not nonsocial cognition. *PLoS One* 8(6): 0066359

AWARDS

2015 Outstanding Graduate Student Instructor, Department of Anthropology, University of Michigan

2010 Melcher Family Award for Excellence in Journalism, Duke University

FELLOWSHIPS

2014 National Science Foundation Graduate Research Fellowship (3 years of funding)

2013 Honorable Mention National Science Foundation Graduate Research Fellowship

2009 Howard Hughes Research Fellows Program, Duke University

RESEARCH GRANTS

External Grants

- 2016 National Science Foundation Doctoral Dissertation Research Improvement Grant (\$17,146)
- 2016 L.S.B. Leakey Foundation Grant (\$5,272)
- 2016 James F. Nacey Fellowship (\$5,000)
- 2015 National Geographic Young Explorer Grant (\$4,910)

Internal Grants

- 2016 Rackham International Research Award, University of Michigan (\$7,500)
- 2015 Rackham Graduate Student Research Grant, University of Michigan (\$1,500)
- 2014 International Institute Individual Fellowship, University of Michigan (\$3,300)
- 2014 African Studies Center Award, University of Michigan (\$2,500)
- 2011 Deans' Summer Research Fellowship, Duke University (\$2,500)
- 2011 Molly H. Glander Student Research Grant, Duke Lemur Center (\$300)
- 2011 Undergraduate Internship Fund Grant, Duke University (\$2,328)
- 2011 (Fall) Independent Study Grant, Duke University (\$400)
- 2011 (Spring) Independent Study Grant, Duke University (\$400)
- 2010 Deans' Summer Research Fellowship, Duke University (\$2,000)

TRAVEL GRANTS

- 2016 Rackham Conference Travel Grant (\$800)
- 2015 Rackham Conference Travel Grant (\$519)
- 2014 Rackham Conference Travel Grant (\$950)

CONFERENCE PRESENTATIONS

- 2016 **Reddy RB** & Sandel AA. Adolescent male chimpanzees do not form a linear dominance hierarchy with their peers. 85th Annual Meeting of the American Association of Physical Anthropologists. Atlanta, Georgia
- 2015 **Reddy RB**, Krupenye C, MacLean EL, Hare B. Lemurs do not yawn contagiously. 84th Annual Meeting of the American Association of Physical Anthropologists. St. Louis, Missouri
- 2014 **Reddy RB**, Anderson RC, Hare B. (2014). Vocal recognition in ring-tailed lemurs. 83rd Annual Meeting of the American Association of Physical Anthropologists. Calgary, Alberta, Canada
- 2014 **Reddy RB**. Vocal exchanges among ring-tailed lemurs. Four Field Anthropology Conference, University of Michigan
- 2013 MacLean EL, Sandel AA, Bray J, Oldenkamp R, **Reddy RB**, Hare B. Group size predicts social but not nonsocial cognition in lemurs. 20th International Conference on Comparative Cognition. Melbourne, Florida

RESEARCH EXPERIENCE

- 2013-present **Ngogo Chimpanzee Project**, Kibale National Park, Uganda
Ph.D. fieldwork on wild chimpanzee social behavior
- 2014-present **Infant Cognition Lab**, Department of Psychology, University of Michigan, P.I. Dr. Henry Wellman, Developmental psychology research on social interactions between children and animals
- 2015-present **The Conceptual Development Lab**, Department of Psychology, University of Michigan, P.I. Dr. Susan Gelman, Psychology research on animals' attachments to inanimate objects
- 2008 - 2013 **Duke Lemur Center**, Durham, North Carolina
Designed and performed experiments to study cognition, social behavior and vocal communication in lemurs
- 2009 - 2013 **North Carolina Zoo**, Asheboro, North Carolina
Tested hamadryas baboons and chimpanzees in comparative studies of cognition
- 2012 - 2013 **Duke Canine Cognition Center**, Duke University, P.I. Dr. Brian Hare
Conducted cognitive experiments with pet dogs
- 2011 **Budongo Conservation Field Station**, Budongo Forest Reserve, Uganda
Habituated and studied the behavior of wild chimpanzees
- 2010 **Organization for Tropical Studies**, Kruger National Park, South Africa
Learned field techniques and studied savanna ecology and conservation as part of a semester-long field course

TEACHING EXPERIENCE

- 2014 - 2015 Graduate Student Instructor, Department of Anthropology, University of Michigan
Courses Taught:
Introduction to Biological Anthropology (Winter 2015)
Primate Social Behavior (Fall 2014)

MENTORING EXPERIENCE

- 2013 Seraphina Wong, High School Summer Research Program, North Carolina School of Science and Math, "Laterality and cognition in pet dogs"
- 2013 Laura Lewis, Howard Hughes Research Fellows Program, Duke University, "Do *Lemur catta* respond more to groupmates than to strangers?"
- 2012 - 2013 Sruti Pisharody, Undergraduate Independent Study Student, Duke University, "Contact calling behavior in ring-tailed lemurs"
- 2012 Melissa Klein, Howard Hughes Research Fellows Program, Duke University, "Inhibitory control in the aye-aye (*Daubentonia madagascariensis*)"

DEPARTMENTAL SERVICE

University of Michigan, Department of Anthropology

- 2013 - 2016 Co-Coordinator, Four Field Anthropology Graduate Talk Series
- 2014 - 2015 Judge, Undergraduate Honors Thesis Poster Session

2014 - 2016 Graduate Student Panelist, Undergraduate Honors Student Discussion Panel on Writing

Duke University, Department of Evolutionary Anthropology

2011 Undergraduate Representative, Meeting with External Review Committee

PUBLIC OUTREACH & CONSERVATION ACTIVITIES

Uganda

2014-present **Kyakagunga Primary School, Kamwenge District, Uganda**

Work with community members to apply for permanent government funding, raise funds for teacher salaries and classroom construction, conduct biodiversity and conservation lessons as part of the Ngogo Chimpanzee Project, coordinate “backyard wildlife” drawing exchange with students in the United States.

2016 **Tropical Biology Association Field Course, Makerere University Biological Field Station, Kibale National Park, Uganda**

Guest Presentation, “The Development of Male Reproductive Strategies in Wild Chimpanzees”

2016 **Kyakagunga Primary School, Kamwenge District, Uganda**

Guest Presentation: “How Chimpanzees Grow Up”

2014 **Public Nurses College, Kampala, Uganda**

Guest Presentation: “Ape Adolescence”

United States

2016 **The Evergreen School, Shoreline, Washington**

“Scientist of the Month” virtual Q & A session with 7th grade students

2014 **Southwest Detroit Charter School, Detroit, Michigan**

Guest Presentation: “Growing up in Kibale”

2014 **Angell Elementary School, Ann Arbor, Michigan**

Guest Presentation: “Growing up in Kibale”

2012 - 2013 **Duke Canine Cognition Center, Duke University, Durham, North Carolina**

Hosted school field trips and designed interactive activities to teach K-12 students about the scientific process and the evolution of cognitive traits.

2011 - 2013 **North Carolina Museum of Life and Science, Raleigh, North Carolina**

As part of the Hominoid Psychology Research Group, organized fundraisers and outreach events for the general public related to ape research and conservation.

PROFESSIONAL SKILLS

Statistics in R

Workshop: 4th Semi-Annual AnthroTree 2014, Duke University, Durham, North Carolina

Coursework: Natural Resource Statistics, University of Michigan

Teaching Undergraduate Writing

Coursework: Writing in the Disciplines, University of Michigan

Journalism and Creative Writing

Kundiman Fiction Fellowship (2016)

Health & Science Editor, *The Chronicle*, Duke University (2009-2010)

Co-Editor-in-Chief, *Towerview Magazine*, Duke University (2011-2012)

Coursework: Science in the Media, Documentary Writing, Documentary Photography, Duke University

LANGUAGES

English, native speaker

French, intermediate