

Alexandra G. Rosati
University of Michigan
530 Church St., Ann Arbor, MI 48109

Email: rosati@umich.edu

Research website: <https://sites.lsa.umich.edu/cognitive-evolution/>

Outreach website: <https://sites.lsa.umich.edu/primateteaching/>

Academic Appointments

2022 – Associate Professor, University of Michigan
2017 – 2022 Assistant Professor, University of Michigan
Department of Psychology
Department of Anthropology (*by courtesy*)
Affiliated Faculty, Weinberg Institute for Cognitive Science

2015 – 2017 Assistant Professor, Harvard University
Department of Human Evolutionary Biology

Education and Training

2013 – 2015 Postdoctoral Researcher, Yale University
Department of Psychology

2007 – 2012 Ph.D. in Evolutionary Anthropology, Duke University
Certificate in Cognitive Neuroscience

2011 – 2012 Visiting Fellow, Harvard University
Department of Human Evolutionary Biology

2005 – 2007 Research Assistant, Max Planck Institute for Evolutionary Anthropology
Department of Developmental and Comparative Psychology

2001 – 2005 A.B. in Psychology, Harvard University
Certificate in Mind, Brain, and Behavior

Research Interests

Primate cognition, cognitive evolution, comparative development and aging, decision-making, executive function, social cognition

Awards

2023 Henry Russel Award, University of Michigan
2022 American Psychological Association Award for Early Career Contribution to Psychology
2021 The Society for Behavioral Neuroscience and Comparative Psychology Early Career Investigator Award

- 2020 National Science Foundation CAREER Award
2019 Alfred P. Sloan Research Fellow in Neuroscience
2010 Evolutionary Anthropology Mentorship Award, Duke University
2009 Honorable Mention, NSF Graduate Research Fellowship Program
2009 Evolutionary Anthropology Mentorship Award, Duke University
2008 Honorable Mention, NSF Graduate Research Fellowship Program
2007 James B. Duke Fellowship in Cognitive Neuroscience, Duke University
2005 Hoopes Prize for Undergraduate Thesis, Harvard University
2005 Psychology Faculty Thesis Award, Harvard University

Grants

External Funding

- 2024 – 2026 Animal Models for the Social Dimensions of Health and Aging Research
Network Pilot Grant (NIH R24 AG065172)
Testing the impact of extreme climate events on social gradients of health in a nonhuman primate population
Role: collaborator with PI R. Hernández Pacheco (CSU Long Beach); \$4,800 to UM (\$30,588 total)
- 2022 – 2027 National Institute on Aging (R37 AG049395)
Cumulative life course effects on aging and health in a long-lived primate model
Role: MPI and leader of ape sanctuary research, with MPIs M. Emery Thompson (University of New Mexico), I. Gilby (Arizona State University), T. Goldberg (University of Wisconsin) and E. Lonsdorf (Emory); \$220,000 to UM (\$3,100,000 total)
- 2022 – 2026 National Science Foundation (BRC-BIO 2217812)
The evolutionary demography of a social mammal
Role: co-PI with PI R. Hernández Pacheco (CSU Long Beach); \$69,000 to UM (\$450,000 total)
- 2022 – 2025 National Institute on Aging (R21 20-0266)
Modeling individual health histories and the dynamics of social inequality in a nonhuman primate population
Role: MPI with PI R. Hernández Pacheco (CSU Long Beach); \$98,000 to UM (\$370,000 total)
- 2020 – 2026 National Science Foundation CAREER (IOS and SBE 1944881)
The evolution and development of cognitive control
Role: PI; \$586,000

- 2019 – 2024 National Science Foundation (NCS-FO 1926653)
Collaborative Research: The evolutionary origins of leadership in chimpanzees: from individual minds to collective action
 Role: PI, with co-PIs Z. Machanda (Tufts), and M. Emery Thompson and M. Muller (University of New Mexico); \$410,000 to UM (\$903,000 total)
- 2019 – 2023 Alfred P. Sloan Research Fellowship in Neuroscience
 Role: PI; \$70,000
- 2015 – 2021 National Institutes on Aging (R01 AG049395)
Biodemography of aging in wild chimpanzees
 Role: MPI and leader of ape sanctuary research, with MPIs M. Emery Thompson (University of New Mexico), J. Mitani (University of Michigan), and R. Wrangham (Harvard); \$310,000 for ape sanctuary research (\$2,900,000 total)
- 2011 – 2012 L.S.B. Leakey Foundation Research Grant
The development of spatial cognition in chimpanzees and bonobos
 Role: PI; \$13,000

Internal Funding

- 2012 Duke Conference Travel Grant (\$750)
 2010 Duke Sigma Xi Sally-Hughes Schrader Travel Grant (\$1250)
 2007 – 2011 James B. Duke Fellowship, Duke University (\$5000/year)
 2004 Harvard Mind, Brain, and Behavior Program Research Grant (\$3500)
 2001 – 2004 Harvard College Research Program Awards (\$800-\$1000/year)

Publications

**Student or postdoctoral trainee; ^Equal author contribution*

Journal Articles

67. Cantwell, A.*, Nair, P.*, De Petrillo, F.* & **Rosati, A.G.** (in press). Temperament and cognitive flexibility across lemur species. *Animal Behaviour*.
66. Schwob, N.*, Bettle, R.*, Mulhinch, M.*, Machanda, Z.P., & **Rosati, A.G.** (2025). Tolerant and despotic macaques show divergent temperament but similar theory of mind. *Philosophical Transactions B*, 380: 20240121.
65. Dunay, E., Hirji, I., Owens, L.A., Marah, K., Anderson, N., Ruiz, M., Atencia, R., Rukundo, J., **Rosati, A.G.**, Cole, M.F.*, Emery Thompson, Negrey, J.D., Angedakin, S., Elfenbein, J.R., Goldberg, T. L. (2025). Distribution and prevalence of *Sarcina troglodytae* in chimpanzees and the environment throughout Africa. *Journal of Medical Microbiology*, 74: 002044

64. Mackenzie, C.*, Brodnan, S.*, Felsche, E.*, Sabbi, S., Otali, E., Wrangham, R.W., **Rosati, A.G.**, & Machanda, Z.P.^ (2025). Wild chimpanzees (*Pan troglodytes schweinfurthii*) use tools to access out of reach water. *American Journal of Primatology*, 87: e70036.
63. Huang, Y.* & **Rosati, A.G.** (2025). Early emergence of metacognition in rhesus monkeys. *Developmental Science*, 28: e70012.
62. Diaz, A.A.*, Hernández-Pacheco, R., & **Rosati, A.G.** (2025). Individual differences in sociocognitive traits in semi-free-ranging rhesus monkeys (*Macaca mulatta*). *American Journal of Primatology*, 87: e23660.
61. **Rosati, A.G.**, Felsche, E.*, Cole, M.F.*, Atencia, R., & Rukundo, J. (2024). Flexible information-seeking in chimpanzees. *Cognition*, 251: 105898
60. Cole, M.F.*, Barnes, P.*, Monroe, I.*, Rukundo, J., Emery Thompson, M., & **Rosati, A.G.** (2024). Age-related physiological dysregulation progresses slowly in semi-free-ranging chimpanzees. *Evolution, Medicine, and Public Health*, 12: 129–142.
59. Huang, Y.*, Chang, H.*, Santos, L.R. & **Rosati, A.G.** (2024). Predictions about reward outcomes in rhesus monkeys. *Behavioral Neuroscience*, 138: 43-58.
58. Hernández-Pacheco, R., Steiner, U.K., **Rosati, A.G.**, Tuljapurkar, S. (2023). Advancing methods for the biodemography of aging within social contexts. *Neuroscience and BioBehavioral Reviews*, 153:105400.
57. **Rosati, A.G.**, Sabbi, K.*, Bryer, M.A.H.*, Barnes, P. *, Rukundo, J., Mukungu, T., Sekulya, P., Ampeire, I., Aligumisiriza, H., Kyama, S., Masereka, J., Nabukeera, W., Okello, A., Waiga, B., Atwijuze, S., Camargo Peña, N.*, Cantwell, A.*, Felsche, E.*, Flores-Mendoza, K. *, Mohamed, S.*, Monroe, I.*, Mulhinch, M.*, O’Gorman, K. *, Salamango, J. *, Shamah, R. *, Otali, E., Wrangham, R.W., & Machanda, Z.P. (2023). Observational approaches to chimpanzee behavior in an African sanctuary: implications for research, welfare, and capacity-building. *American Journal of Primatology*, 85: e23534.
56. **Rosati, A.G.**, Emery Thompson, M., Atencia, R., & Buckholtz, J.W. (2023). Distinct developmental trajectories for risky and impulsive decision-making in chimpanzees. *Journal of Experimental Psychology: General*, 152: 1551–1564.
55. Dunay, E., Rukundo, J., Atencia, R., Cole, M.F.*, Cantwell, A.*, Emery Thompson, M., **Rosati, A.G.**, Goldberg, T.L. (2023). Viruses in saliva from sanctuary chimpanzees (*Pan troglodytes*) in Republic of Congo and Uganda. *PLoS One*, 18: e0288007.
54. Dunay, E., Owens, L.A., Dunn, C.D., Rukundo, J., Atencia, R., Cole, M.F.*, Cantwell, A.*, Emery Thompson, M., **Rosati, A.G.**, Goldberg, T.L. (2023). Viruses in sanctuary chimpanzees across Africa. *American Journal of Primatology*, 85: e23452.
53. De Petrillo, F.*, Nair, P.*, Cantwell, A.*, & **Rosati, A.G.** (2022). The evolution of cognitive control in lemurs. *Psychological Science*, 33: 1408-1422.

52. Cantwell, A.*, Buckholtz, J.W., Atencia, R., & **Rosati, A.G.** (2022). The origins of cognitive flexibility in chimpanzees. *Developmental Science*, 25: e13266.
51. **Rosati, A.G.**, Machanda, Z.P., & Slocombe, K.E. (2022). Cognition in the wild: understanding animal thought in its natural context. *Current Opinion in Behavioral Sciences*, 47: 101210.
50. De Petrillo, F.*, Bettel, R.* & **Rosati, A.G.** (2022). Insights from matched species comparisons for understanding cognition in the wild. *Current Opinion in Behavioral Sciences*, 45:101134.
49. Bettel, R.* & **Rosati, A.G.** (2022). Sensitivity to line-of-sight in tolerant versus despotic macaques (*Macaca sylvanus* and *M. mulatta*). *Journal of Comparative Psychology*, 136: 93–104.
48. Bettel, R.* & **Rosati, A.G.** (2021). The evolutionary origins of natural pedagogy: rhesus monkeys show sustained attention following nonsocial cues versus social communicative signals. *Developmental Science*, 24: e12987
47. Grueneisen, S., **Rosati, A.G.**, & Warneken, F. (2021) Children show economic trust for both ingroup and outgroup partners. *Cognitive Development*, 59: 101077.
46. Bettel, R.* & **Rosati, A.G.** (2021). The primate origins of human social cognition. *Language Learning and Development*, 17: 96-127.
45. De Petrillo, F.* & **Rosati, A.G.** (2021). Variation in primate decision-making under uncertainty and the roots of human economic behaviour. *Philosophical Transactions of the Royal Society B*, 376: 20190671.
44. **Rosati, A.G.**^, Hagberg, L., Enigk, D.K., Otali, E., Emery Thompson, M., Muller, M.N., Wrangham, R.W., & Machanda, Z.P.^ (2020). Social selectivity in aging wild chimpanzees. *Science*, 370: 473-476.
43. Cole, M.F.*, Cantwell, A.*, Rukundo, J, Ajarova, L. Atencia, R., Fernandez-Navarro, S., & **Rosati, A.G.** (2020). Healthy cardiovascular biomarkers across the lifespan in wild-born chimpanzees (*Pan troglodytes*). *Philosophical Transactions of the Royal Society B*, 375: 20190609.
42. Machanda, Z.P.^ & **Rosati, A.G.**^ (2020). Shifting sociality during primate ageing. *Philosophical Transactions of the Royal Society B*, 375: 20190620.
41. Emery Thompson, M., **Rosati, A.G.**, & Snyder-Mackler, N. (2020). Insights from evolutionarily relevant models for human ageing. *Philosophical Transactions of the Royal Society B*, 375: 20190605.

40. De Petrillo, F.* & **Rosati, A.G.** (2020). Logical inferences from visual and auditory information in ruffed lemurs and sifakas. *Animal Behaviour*, 164: 193-204.
39. **Rosati, A.G.**, Benjamin, N., Pieloch, K., & Warneken, F. (2019). Economic trust in young children. *Proceedings of the Royal Society B*, 286: 20190822.
38. De Petrillo, F.* & **Rosati, A.G.** (2019). Rhesus monkeys use probabilities to predict future events. *Evolution and Human Behavior*, 40: 436-446.
37. Bettle, R.* & **Rosati, A.G.** (2019). Flexible gaze following in rhesus monkeys. *Animal Cognition*, 22: 673-686.
36. De Petrillo, F.* & **Rosati, A.G.** (2019). Ecological rationality: convergent decision-making in apes and capuchins. *Behavioral Processes*, 164: 201-213.
35. **Rosati, A.G.** (2019). Heterochrony in chimpanzee and bonobo spatial memory development. *American Journal of Physical Anthropology*, 169: 302-321.
34. **Rosati, A.G.**, DiNicola, L.M.*, & Buckholtz, J.W. (2018). Chimpanzee cooperation is fast and independent from self-control. *Psychological Science*, 29: 1832-1845.
33. **Rosati, A.G.**, Arre, A.M.*, Platt, M.L., & Santos, L.R. (2018). Developmental shifts in social cognition: socioemotional biases across the lifespan in rhesus monkeys. *Behavioral Ecology and Sociobiology*, 72: 163.
32. Stokes, R., Tully, G., & **Rosati, A.G.** (2018). Pan African Sanctuary Alliance: Securing a future for the African great apes. *International Zoo Yearbook*, 52: 1–9.
31. **Rosati, A.G.** (2017). Foraging cognition: Reviving the ecological intelligence hypothesis. *Trends in Cognitive Sciences*, 21: 691-702.
30. **Rosati, A.G.** & Santos, L.R. (2017). Tolerant Barbary macaques maintain juvenile levels of social attention in old age, but despotic rhesus macaques do not. *Animal Behaviour*, 130: 199-207.
29. Stokes, R., Tully, G., & **Rosati, A.G.** (2017). Pan African Sanctuary Alliance: Primate welfare, conservation, and research. *African Primates*, 12: 59-64.
28. **Rosati, A.G.** & Santos, L.R. (2016). Spontaneous metacognition in rhesus monkeys. *Psychological Science*, 27: 1181-1191.
27. **Rosati, A.G.**, & Hare, B. (2016). Reward type modulates human risk preferences. *Evolution and Human Behavior*, 37: 159–168.

26. **Rosati, A.G.**, Arre, A.M.*, Platt, M.L., & Santos, L.R. (2016). Rhesus monkeys show human-like changes in gaze following across the lifespan. *Proceedings of the Royal Society B*, 283: 20160376.
25. **Rosati, A.G.** & Warneken, F. (2016). How comparative psychology can shed light on human evolution: Response to Beran et al.'s discussion of "Cognitive capacities for cooking in chimpanzees." *Learning & Behavior*, 44: 109-115.
24. Leimgruber, K., **Rosati, A.G.**, & Santos, L.R. (2016). Capuchin monkeys punish those who have more. *Evolution and Human Behavior*, 37: 263-244.
23. Krupenye, C., **Rosati, A.G.**, & Hare, B. (2016). What's in a frame? Response to comments on "Bonobos and chimpanzees exhibit human-like framing effects". *Biology Letters*, 12: 20150959.
22. Krupenye, C., **Rosati, A.G.**, & Hare, B. (2015). Bonobos and chimpanzees exhibit human-like framing effects. *Biology Letters*, 11: 20140527.
21. **Rosati, A.G.** (2015). Context influences spatial frames of reference in bonobos (*Pan paniscus*). *Behaviour*, 152: 375-406.
Reprinted in: *Bonobo cognition and behavior* (B. Hare & S. Yamamoto, eds.)
20. Santos, L.R. & **Rosati, A.G.** (2015). The evolutionary roots of human decision-making. *Annual Review of Psychology*, 66: 321-347.
19. Warneken, F. & **Rosati, A.G.** (2015). Cognitive capacities for cooking in chimpanzees. *Proceedings of the Royal Society B*, 282: 20150229.
18. **Rosati, A.G.**, Rodriguez, K., & Hare, B. (2014). The ecology of spatial memory in four lemur species. *Animal Cognition*, 17: 947-961.
17. **Rosati, A.G.**, Wobber, V., Hughes, K., & Santos, L.R. (2014). Comparative developmental psychology: How is human cognitive development unique? *Evolutionary Psychology*, 12: 448-473.
16. **Rosati, A.G.**, Herrmann, E., Kaminski, J., Krupenye, C., Melis, A.P., Schroepfer, K., Tan, J., Warneken, F., Wobber, V., & Hare, B. (2013). Assessing the psychological health of captive and wild apes: A response to Ferdowsian et al. (2011). *Journal of Comparative Psychology*, 127: 329-36.
15. **Rosati, A.G.** & Hare, B. (2013). Chimpanzees and bonobos exhibit emotional responses to decision outcomes. *PLoS One*, 8: e63058.
14. **Rosati, A.G.** & Hare, B. (2012). Chimpanzees and bonobos exhibit divergent spatial memory development. *Developmental Science*, 15: 840-853.

13. **Rosati, A.G.**, & Hare, B. (2012). Decision-making across social contexts: competition increases preferences for risk in chimpanzees and bonobos. *Animal Behaviour*, 84: 869-879.
12. MacLean, E., Matthews, L.J., Hare, B., Nunn, C.L., Anderson, R.C., Aureli, F., Brannon, E.M., Call, J., Drea, C.M., Emery, N.J., Haun, D.B.M., Herrmann, E., Jacobs, L.J., Platt, M.L., **Rosati, A.G.**, Sandel, A.R., Schroepfer, K.K., Seed, A.M., Tan, J., van Schaik, C.P., & Wobber, V. (2012). How does cognition evolve? Phylogenetic comparative psychology. *Animal Cognition*, 15: 223-238.
11. **Rosati, A.G.** & Hare, B. (2011). Chimpanzees and bonobos distinguish between risk and ambiguity. *Biology Letters*, 7: 15-18.
10. Schroepfer, K.K, **Rosati, A.G.**, Chartrand, T., & Hare, B. (2011). Use of "entertainment" chimpanzees in commercials distorts public perception regarding their conservation status. *PLoS One*, 6: e26048.
9. Stevens, J.R., **Rosati, A.G.**, Heilbronner, S.R., & Muelhoff, N. (2011). Waiting for grapes: Expectancy and delayed gratification in bonobos. *International Journal of Comparative Psychology*, 24: 99-111.
8. Hare, B., **Rosati, A.G.**, Kaminski, J., Braeuer, J., Call, J., & Tomasello, M. (2010). The domestication hypothesis for dogs' skills with human communication: a response to Udell et al. (2008) and Wynne et al. (2008). *Animal Behaviour*, 79: e1-e6.
7. **Rosati, A.G.** & Hare, B. (2009). Looking past the model species: diversity in gaze-following skills across primates. *Current Opinion in Neurobiology*, 19: 45-51.
6. Venkatraman, V., **Rosati, A.G.**, Taren, A., & Huettel, S. (2009). Resolving response, decision and strategic control: Evidence for a functional topography in dorsomedial prefrontal cortex. *Journal of Neuroscience*, 29: 13158-13164.
5. Heilbronner, S.R., **Rosati, A.G.**, Stevens, J.R., Hare, B., & Hauser, M.D. (2008). A fruit in the hand or two in the bush? Divergent risk preferences in chimpanzees and bonobos. *Biology Letters*, 4: 246-249.
4. **Rosati, A.G.**, Stevens, J.R., Hare, B., & Hauser, M.D. (2007). The evolutionary origins of human patience: Temporal preferences in chimpanzees, bonobos, and human adults. *Current Biology*, 17: 1663–1668.
3. **Rosati, A.G.**, Stevens, J.R., & Hauser, M.D. (2006). The effect of handling time on temporal discounting in two New World primates. *Animal Behaviour*, 71: 1379-1387.
2. Stevens, J.R., **Rosati, A.G.**, Ross, K.R., & Hauser, M.D. (2005). Will travel for food: Spatial discounting in two New World monkeys. *Current Biology*, 15: 1855 – 1860.

1. Santos, L.R., **Rosati, A.G.**, Spaulding, B., Sproul, C. & Hauser, M.D. (2005). Means-means-end tool choice in cotton-top tamarins (*Sanguinus oedipus*): finding the limits on primates' knowledge of tools. *Animal Cognition*, 8: 236-246.

Edited book chapters and other publications

13. **Rosati, A.G.** (in press). Cognitive adaptations in humans and other great apes. In: *Evolution of Nervous Systems* vol. 3: The Nervous Systems of Non-Human Primates (C. Sherwood & T. Preuss, eds). Academic Press.
12. De Petrillo, F.* & **Rosati, A.G.** (2021). "Decision-making in animals: rational choices and adaptive strategies." In: *Cambridge Handbook of Animal Cognition* (A. Kaufman, J. Call, & J. Kaufman, eds.) Cambridge: Cambridge University Press, pp. 770-791.
11. **Rosati, A.G.** (2018). The ape inside us: Chimpanzee behavior and human evolution. *Natural History*, 126: 34-36.
10. **Rosati, A.G.** (2017). "Chimpanzee cognition and the roots of the human mind." In: *Chimpanzees and Human Evolution* (M. Muller, R. Wrangham & D. Pilbeam, eds.). Cambridge: The Belknap Press of Harvard University Press, pp. 703-745.
9. **Rosati, A.G.** (2017). "Ecological variation in cognition: Insights from bonobos and chimpanzees." In: *Bonobos: Unique in Mind, Brain and Behavior* (B. Hare & S. Yamamoto, eds.). Oxford: Oxford University Press, pp. 157-170.
8. **Rosati, A.G.** (2017). "Decision-making under uncertainty: preferences, biases, and choice." In: *APA Handbook of Comparative Psychology*, Volume 2. (J. Call, ed.). American Psychological Association, pp. 329-357.
7. **Rosati, A.G.** (2017). "The evolution of primate executive function: from response control to strategic decision-making." In: *Evolution of Nervous Systems, Second Edition*, Volume 3 (J. Kaas & L. Krubitzer, eds.). Amsterdam: Elsevier, pp. 423-437.
6. **Rosati, A.G.** (2016). Uncovering the behavior and cognition of the earliest stone tool makers. *Evolutionary Anthropology*, 25: 269–270.
5. Bettle, R.* & **Rosati, A.G.** (2016) "Understanding human gaze." In: *Encyclopedia of Evolutionary Psychological Science* (T. Shackelford and V. Weekes-Shackelford, eds.). Springer International Publishing, pp. 1-4.
4. Warneken, F. & **Rosati, A.G.** (2012). "Early social cognition: How psychological mechanism can inform models of decision-making." In: *Evolving the Mechanisms of Decision Making: Toward a Darwinian Decision Theory*, Strüngmann Forum Reports, vol. 11 (P. Hammerstein and J. R. Stevens, eds.). Cambridge, MA: MIT Press, pp. 288-289.

3. **Rosati, A.G.**, Santos, L.R., & Hare, B. (2010). “Primate social cognition: Thirty years after Premack and Woodruff.” In: *Primate Neuroethology* (A. Ghazanfar and M. Platt, eds.). Oxford: Oxford University Press, pp. 117-143.
2. **Rosati, A.G.** & Hare, B. (2010). “Social cognition: From behavior-reading to mind-reading.” In: *The Encyclopedia of Behavioral Neuroscience* (G. Koob, R. F. Thompson, and M. Le Moal, eds). Elsevier, pp. 263-268.
1. **Rosati, A.G.** & Stevens, J.R. (2009). “The adaptive nature of context-dependent choice.” In: *Rational Animal, Irrational Human* (S. Watanabe, A. Young, L. Huber, A. Blaisdell & Y. Yamazaki, eds.). Tokyo: Keio University Press, pp. 101-117.

Manuscripts under review or in preparation

4. Cole, M.F.*, Emery Thompson, M., González, N., Paskus, E., Rukundo, J., Atencia, R., **Rosati, A.G.** (in revision). No evidence of chronic inflammation in naturalistic chimpanzee populations. *American Journal of Biological Anthropology*.
3. Sabbi, K.H.*, Monroe, I.*, **Rosati, A.G.** & Machanda, Z.P. (in revision) Lifespan development of gaze following in wild chimpanzees. *Developmental Science*.
2. Hernández-Pacheco, R.^, Diaz, A.A.*, Aiempichitkijkarn, N., Camargo Peña, N.*, Yahyazadehmoghaddam, S., Webber, J., Maldonado, E., Tuljapurkar, S., & **Rosati, A.G.**^ (under review). Social interest predicts reproductive success in female monkeys. *Animal Behaviour*.
1. Martínez, M.* & **Rosati, A.G.** (invited). Evolution of cognitive development across the lifespan in primates. *Yearbook of Biological Anthropology*.

Teaching, Mentoring, and Outreach

Postdoctoral mentoring

- | | |
|-------------|---|
| 2024 – | Mayte Martínez, postdoctoral scholar |
| 2022 – 2024 | Natalie Awad Schwob, postdoctoral scholar
<i>Current position:</i> Assistant Professor of Psychology, Bucknell University |
| 2022 – 2023 | Margaret Bryer, postdoctoral scholar
<i>Current position:</i> Assistant Professor of Anthropology, University of Wisconsin |
| 2020 – 2021 | Elisa Felsche, postdoctoral scholar
<i>Current position:</i> Postdoctoral scholar, MPI Evolutionary Anthropology |
| 2016 – 2018 | Francesca De Petrillo, postdoctoral scholar
<i>Current position:</i> Lecturer in Psychology, Newcastle University, UK |

Graduate mentoring (primary advisor)

- 2022 – Rosa Muñoz, PhD candidate (UM Psychology)
Funding received: NSF Graduate Research Fellowship; Leakey Foundation Research Grant
- 2018 – 2024 Averill Cantwell, PhD (UM Psychology)
Funding received: Leakey Foundation Research Grant; NICHD T32 Development Training Grant Fellowship; UM African Studies Center Research Grant
Thesis: The evolution of executive function: an individual differences approach
Current position: Postdoctoral scholar, University of New South Wales
- 2020 – 2023 Yiyun Huang, MS (UM Psychology)
Current position: LSA Connect Experience Manager, University of Michigan
- 2015 – 2021 Rosemary Bettle, PhD (UM Psychology; MS from Harvard HEB)
Funding received: Leakey Foundation Research Grant
Thesis: The evolution of social intelligence in macaques
Current position: Applied researcher

Dissertation and master's committees

- 2025 – Joseph Caldwell (Ecology and Evol. Biology)
- 2024 – Sharifah Namaganda, University of Michigan (Biological Anthropology)
- 2022 – Juanita Pardo Sanchez, University of Michigan (Ecology and Evol. Biology)
- 2020 – 2025 Megan Cole, University of New Mexico (Biological Anthropology, PhD 2025)
- 2022 – 2023 Ben Finkel, University of Michigan (Biological Anthropology, PhD 2023)
- 2020 – 2023 Alexis Diaz, California State University Long Beach (Biological Sciences, MS 2023)
- 2020 – 2021 Melissa Painter, University of Michigan (Psychology, MS 2021)
- 2020 – 2021 Alyssa Arre, Yale University (Psychology, PhD 2021)

Graduate mentoring and preliminary exam committees

- 2021 – 2023 John Paul Soriano, University of Michigan (mentoring committee; prelim exams)
- 2021 Ivette Gonzalez, University of Michigan (preliminary exams)
- 2020 Nicki Guisneuf, University of Michigan (mentoring committee)
- 2018 – 2020 Melissa Painter, University of Michigan (mentoring committee; prelim exams)
- 2019 – 2020 Su Wang, University of Michigan (mentoring committee)
- 2018 – 2019 Mena Davidson, University of Michigan (mentoring committee)
- 2018 Sofia Carrera, University of Michigan (preliminary exams)

Undergraduate mentoring (Honors theses)/w

- 2024 – 2025 Isabelle Dugan (Biopsychology, Cognition & Neuroscience, University of Michigan)
Thesis: Take it or leave it: the evolution of possession in monkeys (*Highest honors*)
Weinberg Cognitive Science Symposium Best Poster Award; W. B. Pillsbury Thesis Prize

- 2022 – 2023 Skylar Brodnan (Biological Anthropology, University of Michigan)
Thesis: Origins of human culture: Individual variation and social influence in wild chimpanzee tool use (*Highest honors*)
Virginia L. Voss Memorial Award for excellence in writing
- 2021 – 2022 Julia Salamango (Biopsychology, Cognition & Neuroscience, University of Michigan)
Thesis: Behavioral flexibility in semi-free-ranging chimpanzees (*High honors*)
- 2021 – 2022 Kendall Mills (Biopsychology, Cognition & Neuroscience, University of Michigan)
Thesis: Aggression across tolerant and despotic macaques (*Highest honors*)
- 2019 – 2020 Parvathy Nair (Neuroscience, University of Michigan)
Thesis: The bold and the bashful: Linking temperament and cognitive flexibility in seven lemur species (*High honors*)
- 2018 – 2019 Megan Mulhinch (Neuroscience, University of Michigan)
Thesis: The cognitive basis of human cooperation: Distinguishing mechanisms for interpersonal trust and risky decision-making (*High honors*)
- 2017 – 2018 Hayoung Chang (Integrative Biology, Harvard University)
Thesis: Developmental change in rhesus monkey reward sensitivity
- 2014 – 2015 Alyssa Arre (Ecology and Evolutionary Biology, University of Rochester)
Thesis: Developmental changes in primate gaze-following
President's Choice Award for Undergraduate Research Exposition talk
- 2014 – 2015 Lindsey Jones (Cognitive Science, Yale University)
Thesis: A looking time model of reward prediction error in monkeys
- 2010 – 2011 Sandeep Prasanna (Trinity College Program, Duke University)
Thesis: The role of communication and punishment in cooperation
- 2010 – 2011 Kerri Rodriguez (Evolutionary Anthropology, Duke University)
Thesis: The evolution of memory skills in lemurs
- 2008 – 2009 Peggy Tseng (Evolutionary Anthropology, Duke University)
Thesis: The psychology and phylogeny of human risk preferences

Undergraduate Teaching (University of Michigan)

- 2026 Psychology 430: The Science of Leadership
- 2022 – Psychology 235: Introduction to Evolution and Behavior
- 2020 – 2021 Psychology 335: Evolution and Animal Behavior (formerly Psych 330-001)
- 2018 – Psychology 363: Human Cognitive Evolution (formerly Psych 330-002)
- 2018 – Psychology 465: Evolution and Human Nature (formerly Psych 432-001)

Graduate Teaching (University of Michigan)

2021	Psychology 808: Evolution and Behavior (Graduate section)
2020	Psychology 808: The Science of Self Control
2019, 2023	Psychology 808: Human Cognitive Evolution (Graduate section)
2018	Psychology 808: Evolution and Human Nature (Graduate section)

Teaching (Harvard)

2016 – 2017	HEB 1330: The Evolutionary Origins of the Human Mind
2016	HEB 1280: Human Nature (with R. Wrangham and J. Henrich)
2016	HEB 2480: Human Nature – Graduate Seminar

Outreach activities

2021 – pres.	Codirector, ' Primate Learning in Action ' educational outreach website
2020 – pres.	Director, Primate Cognition and Behavior Summer Internship
2020 – 2022	Scientific consultant: 'Jane Goodall's Rescued Chimpanzees of the Congo' series

Published outreach

2021 – pres.	Various materials hosted at Primate Learning in Action
2023	Hernández-Pacheco, R., Bland, A.L., Diaz, A.A., Rosati, A.G., Gonzalez, S.J. Introduction to Primate Data Exploration and Linear Modeling with R . QUBES Educational Resources.
2018	Scientific consultant: National Geographic Kids Books
2018	Essayist: Natural History Magazine
2018	Essayist: Scientific American
2017	Essayist: The Conversation

Professional Experience

Editorial Boards

2019 –	Proceedings of the Royal Society B (Associate Editor)
2017 –	Journal of Comparative Psychology (Consulting Editor)

Edited Special Issues

2021– 2022	Current Opinion in Behavioral Sciences issue on ' <i>Cognition in the wild</i> ' (with Zarin Machanda and Katie Slocombe)
2019 – 2020	Philosophical Transactions of the Royal Society B issue on ' <i>Evolution of the primate ageing process</i> ' (with Melissa Emery Thompson and Noah Snyder-Mackler)

Grant Panelist

2024	National Science Foundation (Social, Behavioral, and Economic Sciences)
2022	National Science Foundation (Social, Behavioral, and Economic Sciences)
2018	NIH (Special Emphasis Panel on Aging)
2017	National Science Foundation (Social, Behavioral, and Economic Sciences)

Ad-hoc Grant Reviewer

Branco Weiss Fellowship; French National Research Agency; Fullbright; German Research Foundation; Leakey Foundation; Leibniz Association; Marsden Fund; National Geographic Society; National Institutes of Health; National Science Foundation; Royal Society; University of Strasbourg Institute for Advanced Study

Ad-hoc Journal Reviewer

Animal Behaviour; Animal Cognition; American Journal of Physical Anthropology; American Journal of Primatology; Behavioral and Brain Sciences; Behavioral Ecology and Sociobiology; Behavioral Neuroscience; Behaviour; Biology Letters; Child Development; Cognition; Cognitive, Affective, and Behavioral Neuroscience; Current Biology; Developmental Psychology; Developmental Science; Ethology; Evolution and Human Behavior; Evolutionary Anthropology; Experimental Brain Research; Journal of Behavioral Decision Making; Journal of Comparative Psychology; Journal of Economic Behavior & Organization; Journal of the Experimental Analysis of Behavior; Journal of Experimental Psychology: General; Journal of Human Evolution; Journal of Neuroscience; Journal of Political Economy; Human Nature; iScience; Nature Ecology and Evolution; Nature Human Behaviour; Nature Reviews Psychology; Neuroscience and Biobehavioral Reviews; Philosophical Transactions of the Royal Society B; PLoS One; Proceedings of the National Academy of Sciences; Proceedings of the Royal Society B; Psychological Science; Psychonomic Bulletin & Reviews; Royal Society Open Science; Science; Science Advances; Scientific Reports; Trends in Cognitive Sciences

Conference Reviewer

Cognitive Science Society; Society for Philosophy and Psychology; Society for Research in Child Development

External service

2019 – 2021 Duke Lemur Center, Research Advisory Committee
2017 – 2018 Duke Lemur Center, External Scientific Advisory Committee
2016 – 2021 Pan African Sanctuary Alliance, Scientific Advisory Network

University Service (University of Michigan)

2025 – 2026 Diversity Committee, Department of Psychology
2025 – 2026 Awards Committee, Department of Psychology
2025 Grant Reviewer, University of Michigan International Institute
2023 – 2024 Psychology Department Executive Committee
2024 Cognition and Cognitive Neuroscience Faculty Search Committee
2023 – 2024 Biopsychology Faculty Search Committee
2023 – 2024 Biopsychology Graduate Admissions Committee
2022 – 2024 Biopsychology Space Committee, Department of Psychology
2022 Student Academic Affairs Committee, Department of Psychology
2021 Biopsychology LSA Collegiate Fellow Search Committee
2020 – 2021 Biopsychology Diversity Task Force member
2020 – 2021 NSF CAREER workshop panelist, College of Literature, Science, and the Arts
2020 Graduate Orientation panelist, Department of Psychology
2019 – 2020 Biopsychology Colloquium organizer

- 2019 Strategies to Support Inclusive Climates Workshop (Psychology representative)
- 2018 – pres. Evolution and Human Adaptation Steering Committee
- 2017 – 2019 Diversity Committee, Department of Psychology
- 2018 Biopsychology Self-Study Committee
- 2017 – 2018 Biopsychology Graduate Admissions Committee

University Service (Harvard)

- 2015 – 2017 FAS Standing Committee on Mind, Brain, and Behavior
- 2016 FAS Hoopes Undergraduate Thesis Prize Committee
- 2016 Mind, Brain, and Behavior Faculty Award Committee
- 2015 – 2016 Human Evolutionary Biology colloquium organizer
- 2015 – 2016 HEB Graduate Curriculum Review Committee
- 2015 – 2016 HEB Senior Search Committee
- 2015 – 2016 Mind, Brain, and Behavior Junior Symposium Planning Committee

Talks and Presentations

Invited Talks (external)

- 2025 The Brain Conference: Principles of the Adaptive Mind, Crete, Greece, *invited*
- 2025 Evolutionary Anthropology Colloquium Series, University of New Mexico
- 2025 Center for Cognitive Neuroscience, Duke University
- 2024 Foraging Conference, Lyon Neuroscience Institutes, France
- 2024 Cognitive Science Colloquium Series, University of Maryland
- 2024 Royal Society Meeting (“Natural selection shapes animal minds”), Bath, UK
- 2024 Institute for the Study of Decision Making Colloquium in Neuroeconomics, NYU
- 2024 NIH Annual Neuroscience Virtual Event Series (*invited virtual talk*)
- 2022 Animal Behavior Society, Costa Rica (*invited symposium talk*)
- 2021 Cognitive & Comparative Psychology Colloquium, Graduate Center, CUNY
- 2021 European Society for Philosophy and Psychology, Germany (*invited symposium talk*)
- 2021 American Psychological Association, Div. 6 Early Career Investigator award talk
- 2021 Metacognition Conference, University of London (*invited talk*)
- 2021 Future of Foraging Seminar Series (*invited virtual talk*)
- 2021 Johns Hopkins Origins of Animal Minds Workshop (*invited virtual talk*)
- 2021 Evolution of Social Complexity Colloquium, Arizona State University (*invited virtual talk*)
- 2021 Mechanisms of Learning Forum, Emory University (*invited virtual talk*)
- 2021 German Primate Center, University of Göttingen, Germany (*invited virtual talk*)
- 2021 Origins of the Social Mind, Soc. for Persn. and Social Psych. (*invited preconference talk*)
- 2020 MindCORE Seminar Series, University of Pennsylvania (*invited virtual talk*)
- 2020 Biological Sciences Seminar, California State University Long Beach (*invited virtual talk*)
- 2019 Economic Science Association, Dijon, France (*invited symposium talk*)
- 2019 International Convention on Psychological Science, Paris (*invited symposium talk*)
- 2018 Canadian Institute for Advanced Research, Montebello, Canada (*invited winter speaker*)
- 2018 Mind-Brain Institute, The George Washington University, Washington, DC
- 2018 Department of Psychology, Boston University, Boston
- 2018 Society for Language Development Symposium, Boston (*keynote talk*)
- 2018 Society for the Quantitative Analyses of Behavior, San Diego (*invited talk*)

- 2018 Trentham Monkey Forest, Stoke-on-Trent, UK
- 2018 Detroit Zoo Talk Series, Detroit
- 2017 Representing Self and Other Workshop, École normale supérieure, Paris (*invited talk*)
- 2017 Keville-DePalma Founders Lecture, Darwin Day Festival, Salem State University
- 2017 Society for Affective Science, Boston (*invited flash talk*)
- 2016 Human Evolution Workshop 13, Turkana Basin Institute, Kenya
- 2016 International Congress of Neuroethology, Montevideo, Uruguay (*invited talk*)
- 2016 Social Cognitive Neuroscience Lab, Dept. of Brain and Cognitive Science, MIT
- 2016 Duke Lemur Center 50th Anniversary Symposium, Duke University
- 2016 Department of Psychology, University of Michigan
- 2016 Symposium on the Biology of Decision Making, Paris
- 2015 Symposium on Mental Time Travel, Tokyo
- 2015 Annual Meeting of the Japanese Society for Animal Psychology, Tokyo (*invited talk*)
- 2015 Animality Workshop, Department of Philosophy, Trinity College
- 2014 Network on Decision Neuroscience and Aging, Florida
- 2014 Animal Consciousness Symposium, Harvard University
- 2014 Eastern Psychological Conference, Boston
- 2014 Research in Spatial Cognition Lab, Department of Psychology, Temple University
- 2014 Psychiatric Genetics and Translational Research Seminar, Mass. General Hospital
- 2013 Department of Human Evolutionary Biology, Harvard University
- 2013 Cognition, Brain, and Behavior Talk Series, Dept. of Psychology, Harvard University
- 2013 Animal Behavior Talk Series, University of Pennsylvania
- 2013 Department of Anthropology, Boston University
- 2012 Department of Psychology, Yale University
- 2012 Pan-African Sanctuary Alliance Board Meeting, Cambridge MA
- 2012 IFREE Lectures at the Economic Science Laboratory, Chapman University
- 2011 Protecting Great Apes Workshop, Wesleyan University
- 2011 How Does Cognition Evolve Workshop, National Evolutionary Synthesis Center
- 2009 Department of Genetics, Max Planck Institute for Evolutionary Anthropology
- 2008 Primate Social Cognition Workshop, Yale University

Invited Talks (internal)

- 2023 Biological Science Scholars Symposium, Michigan Medicine (*keynote talk*)
- 2023 Developmental Colloquium, Department of Psychology, University of Michigan
- 2021 Cognition & Cognitive Neuroscience Colloquium, Dept. of Psych., U. of Michigan
- 2021 Biopsychology Colloquium, Dept. of Psychology, University of Michigan
- 2019 Social, Behavioral and Experimental Economics Seminar, University of Michigan
- 2019 Social Colloquium, Department of Psychology, University of Michigan
- 2018 Developmental Colloquium, Department of Psychology, University of Michigan
- 2017 Economics and Psychology Working Group, Harvard University
- 2016 Systems Club, Department of Neurobiology, Harvard University
- 2016 Visual Attention Lab, Harvard Medical School
- 2016 Cognition, Brain, and Behavior Talk Series. Dept. of Psychology, Harvard University
- 2015 Laboratory for Developmental Studies, Dept. of Psychology, Harvard University
- 2015 Institute for Network Science, Yale University
- 2007 Ape Economics Workshop, Max Planck Institute for Evolutionary Anthropology

Outreach Talks and Panels

- 2023 Guest Speaker, Universidad de Puerto Rico Recinto de Río Piedras Primatology
- 2022 Comparative Medicine course guest lecture (UM Medicine)
- 2021 UM Anthropology Academic Job Search Workshop
- 2021 American Museum of Natural History & Leakey Foundation (streaming talk, with Z. Machanda)
- 2020 University of Michigan Psychology STAR Scholars Program (talk)
- 2020 University of Michigan Cognitive Science Community (talk)
- 2019 Ann Arbor City Club (talk)
- 2018 UM STEM Success Communities Faculty Panel
- 2018 UM Psychology Diversity Recruiting Weekend Faculty Panel
- 2018 University of Michigan Psychology STAR Scholars Program (talk)
- 2017 UM Psychology Diversity Recruiting Weekend Faculty Panel
- 2017 The Conversation (essayist)
- 2016 You're the Expert Show, Cambridge, MA
- 2016 UC Berkeley Cognitive Science Student Association's Conference (talk)
- 2016 Harvard Society for Mind, Brain, and Behavior, Cambridge, MA (talk)
- 2015 CafeSci Boston, Le Laboratoire Cambridge, MA (talk with F. Warneken)

Organized Conference Symposia

- 2022 "Research in African sanctuaries: linking behavior, physiology, and conservation." Co-organized with G. Tully. International Primatological Society, Quito, Ecuador (*online due to covid-19*).
- 2019 "Evolutionary perspectives on the primate aging process." Co-organized with Melissa Emery Thompson. American Association of Physical Anthropologists, Cleveland, OH.
- 2018 "African sanctuaries as a nexus for primate research, welfare, and conservation." Co-organized with G. Tully. International Primatological Society, Nairobi, Kenya.
- 2012 "Developmental comparative psychology: How is human cognitive development unique?" Co-organized with V. Wobber. International Conference on Infant Studies, Minneapolis, MN.

Conference Presentations and Abstracts

**Student or postdoctoral trainee*

- 2025 Muñoz, R.* & Rosati, A.G. "Limited impact of facial expressions on patterns of gaze-following in rhesus monkeys (*Macaca mulatta*)." American Society of Primatologists, Chicago (talk).
- 2025 Martínez, M.*, Cantwell, A.*, Rukundo, J., Machanda, Z.P. & Rosati, A.G. "Cognitive skills and rank shape social centrality in semi-free-ranging chimpanzees." American Society of Primatologists, Chicago (talk).
- 2025 Muñoz, R. *, MacKenzie, C. *, Brodnan, S.*, Rukundo, J., Machanda, Z. & Rosati, A.G. "From theft to sharing: food transfers in semi-free-ranging chimpanzees." American Association of Biological Anthropologists, Baltimore (talk).

- 2025 Brodnan, S.*, Bryer, M.*, Camargo Pena*, C., Otali, E., Muller, M., Emery Thompson, M., Wrangham, R.W., Machanda, Z.P. & Rosati, A.G. "Wild chimpanzees selectively attend to tool use by adults." American Association of Biological Anthropologists, Baltimore (talk).
- 2025 MacKenzie, C.*, Brodnan, S.*, Felsche, E.*, Sabbi, S., Otali, E., Wrangham, R.W., Rosati, A.G., & Machanda, Z.P. "Wild chimpanzees use tools to access out of reach water." American Association of Biological Anthropologists, Baltimore (talk).
- 2024 Cole, M.F.*, Emery Thompson, M., Rukundo, J., Atencia, R., & Rosati, A.G. "African sanctuary chimpanzees as an evolutionary model for healthy aging." International Society for Evolution, Medicine, and Public Health, Durham, U.K. (talk).
- 2024 Cole, M.F.*, Barnes, P.*, Rukundo, J., Emery Thompson, M., Rosati, A.G. "Age-related physiological dysregulation progresses slowly in semi-free-ranging chimpanzees." American Association of Biological Anthropologists, Los Angeles (talk).
- 2024 Sabbi, K.H.*, Monroe, I.G.*, Rosati, A.G. & Machanda, Z.P. "Gaze following in wild chimpanzees (*Pan troglodytes schweinfurthii*)." American Association of Biological Anthropologists, Los Angeles (poster).
- 2024 Yahyazadehmoghaddam, S., Diaz, A.A.*, Rosati, A.G., & Hernández-Pacheco, R. "Fitness and social attention: Insights from a study on socioemotional sensitivity in free-ranging rhesus macaques." National Conference on Undergraduate Research Long Beach CA (poster).
- 2024 Jacobo, M., Diaz, A.A.*, Rosati, A.G., & Hernández-Pacheco, R. "Hurricane exposure and sociocognitive health in a nonhuman primate." National Conference on Undergraduate Research Long Beach CA (poster).
- 2023 Cantwell, A.*, Barnes, P.*, Bryer, M.A.H.*, Sabbi, K., Machanda, Z.P., & Rosati, A.G. "Individual differences in chimpanzee cognition and temperament." Animal Behavior Society Conference, Portland (talk).
- 2023 Bryer, M.A.H.*, Barnes, P.*, Sabbi, K., Rukundo, J., Machanda, Z.P., & Rosati, A.G. "Sex differences in semi-free ranging chimpanzees: insights into evolution of chimpanzee social behavior." American Association of Biological Anthropologists, Reno (talk).
- 2023 Cantwell, A.*, Barnes, P.*, Sabbi, K., Machanda, Z.P., & Rosati, A.G. "Social status and cognitive control in chimpanzees." American Association of Biological Anthropologists, Reno (talk).
- 2023 Huang, Y.*, & Rosati, A.G. "The development of selective information-seeking in macaques." American Association of Biological Anthropologists, Reno (poster).
- 2023 Diaz, A.A.*, Tuljapurkar, S., Rosati, A.G., Arre, A.M., Platt, M.P., & Hernández-Pacheco, R. "Analyzing health-dependent demographics using an integral projection model." Evolutionary Demography Society Meeting, Paris, France (poster).
- 2022 Bryer, M.A.H.*, Barnes, P.*, Sabbi, K., Rukundo, J., Machanda, Z.P., & Rosati, A.G. "Sex differences in semi-free ranging chimpanzees: insights into evolution of chimpanzee social behavior." Midwestern Primatology Interest Group, Ann Arbor (talk).
- 2022 Cantwell, A.*, Barnes, P.*, Sabbi, K., Machanda, Z.P., & Rosati, A.G. "Social status and cognitive control in chimpanzees." Midwestern Primatology Interest Group, Ann Arbor (talk).

- 2022 Camargo Peña, N.*, Brodnan, S.*, Bryer, M.A.H.*, Otali, E., Muller, M.N., Emery Thompson, M., Wrangham, R.W., Rosati, A.G., Machanda, Z.P. "Individual variation in patterns of tool use in wild Ugandan chimpanzees." Midwestern Primatology Interest Group, Ann Arbor (poster).
- 2022 Huang, Y.*, & Rosati, A.G. "The development of selective information-seeking in macaques." Midwestern Primatology Interest Group, Ann Arbor (poster).
- 2022 Evans, P.L.*, Diaz, A.A.*, Arre, A.M., Platt, M.L., Rosati, A.G., & Hernández-Pacheco, R. "Preferences for social signals predicts fitness components in free-ranging rhesus macaques." American Society of Primatologists, Denver (poster).
- 2022 Dunay, E., Owens, L.A., Dunn, C.D., Rukundo, J., Atencia, R., Cole, M.F.*, Cantwell, A.*, Emery Thompson, M., Rosati, A.G., Goldberg, T.L. "Viral surveillance in sanctuary chimpanzees (*Pan troglodytes*) across Africa." Wildlife Disease Association Conference.
- 2022 De Petrillo, F.* & Rosati, A.G. "The evolution of executive function across four lemur species" International Primatological Society, Ecuador (talk).
- 2022 De Petrillo, F.* & Rosati, A.G. "Inferential reasoning from visual and auditory information in two species of lemurs." International Primatological Society, Ecuador (talk).
- 2022 Cantwell, A.* & Rosati, A.G. "The origins of cognitive flexibility in chimpanzees." International Primatological Society, Ecuador (talk).
- 2022 Emery Thompson, M., Cole, M.F.*, & Rosati, A.G. "The ecological context of chimpanzee (*Pan troglodytes*) health." International Primatological Society, Ecuador (talk).
- 2022 Rosati, A.G. "African sanctuaries as a new context for ecologically-valid primatology." International Primatological Society, Ecuador (talk).
- 2021 Dunay, E., Owens, L.A., Dunn, C.D., Rukundo, J., Cole, M.F.*, Emery Thompson, M., Rosati, A.G., Goldberg, T.L. "Viral surveillance in sanctuary chimpanzees (*Pan troglodytes*) in Africa." Midwest Primatology Interest Group Conference (talk).
- 2020 Cole, M.F.*, Emery Thompson, M., Rukundo, J., Ajarova, L., Atencia, R., Fernandez-Navarro, S., Goldberg, T.L., & Rosati, A.G. "Healthy blood lipid profiles in wild-born chimpanzees (*Pan troglodytes*) are associated with low adiposity and inflammation." American Association of Physical Anthropologists, Los Angeles (published abstract; *talk canceled due to covid-19*).
- 2019 Cole, M.F.*, Emery Thompson, M., Rukundo, J., Ajarova, L., Atencia, R., Fernandez-Navarro, S., Goldberg, T.L., & Rosati, A.G. "Healthy blood lipid profiles in wild-born chimpanzees (*Pan troglodytes*) are associated with low adiposity and inflammation." Southwestern Association of Biological Anthropologists, Tempe, AZ (poster).
- 2019 Bettel, R.* & Rosati, A.G. "The evolutionary origins of natural pedagogy: rhesus monkeys preferentially use non-social cues versus communicative signals." Cognitive Development Society Conference, Louisville, KY (poster).
- 2019 Arre, A.M.*, Rosati, A.G., Hengartner, A.C., & Santos, L.R. "Environmental instability promotes social cognitive development in infant rhesus monkeys (*Macaca mulatta*)." Cognitive Development Society Conference, Louisville, KY (poster).
- 2019 De Petrillo, F.* & Rosati, A.G. "Rhesus monkeys use probabilities to predict future events." European Human Behaviour and Evolution Association, Toulouse (talk).
- 2019 Rosati, A.G. "Lifespan changes in macaque social and economic decision making." American Association of Physical Anthropologists, Cleveland, OH (symposium talk; published abstract).

- 2019 Machanda, Z., Rosati, A.G., Hagberg, L., Otali, E., Emery Thompson, M., Muller, M., Wrangham, R. "Changing social relationships in aging male chimpanzees." American Association of Physical Anthropologists, Cleveland, OH (symposium talk; published abstract).
- 2019 Cole, M.F.* & Rosati, A.G. "Biomarkers of cardiac health across the lifespan in wild-born chimpanzees (*Pan troglodytes*)." American Association of Physical Anthropologists, Cleveland, OH (talk; published abstract).
- 2019 Warneken, F. & Rosati, A.G. "The development of economic trust in young children" International Convention on Psychological Science, Paris (poster).
- 2018 Cole, M.F.* & Rosati, A.G. "Biomarkers of cardiac health in sanctuary versus laboratory living chimpanzees (*Pan troglodytes*)." Southwestern Association of Biological Anthropologists, Las Vegas (poster). *Award: Best student poster.*
- 2018 Bettle, R.* & Rosati, A.G. "Flexible gaze following in rhesus monkeys." International Primatological Society, Nairobi, Kenya (talk).
- 2018 De Petrillo, F.* & Rosati, A.G. "Rhesus monkeys use probabilities to predict future events." International Primatological Society, Nairobi, Kenya (talk).
- 2018 Rosati, A.G. "Comparative cognitive development as a window on human cognitive evolution." International Primatological Society, Nairobi, Kenya (talk).
- 2018 Rosati, A.G. "Integrating research on ape behavior and health into conservation and welfare strategies." International Primatological Society, Nairobi, Kenya (talk for organized symposium).
- 2018 Rosati, A.G. "Developmental shifts in monkey social attention." Budapest CEU Conference on Cognitive Development. Budapest (symposium talk).
- 2017 Arre, A.M.*, Rosati, A.G. & Santos, L.R. "Developmental changes in selective attention to socioemotional stimuli in rhesus monkeys (*Macaca mulatta*)." Northeastern Evolutionary Primatologists Meeting, New Haven, CT (poster).
- 2017 Bettle, R.* & Rosati, A.G. "Gaze following around barriers in rhesus monkeys." Society for Research in Child Development Meeting, Austin (poster).
- 2016 Rosati, A.G. & Santos, L.R. "Changes in social cognition and decision-making across the lifespan in semi-free-ranging rhesus monkeys." Joint Meeting of the International Primatological Society and American Primatological Society, Chicago (talk).
- 2016 Warneken, F. & Rosati, A.G. "Comparative studies with chimpanzees provide insight into the evolution of cooking." Joint Meeting of the International Primatological Society and American Primatological Society, Chicago (talk).
- 2016 Rosati, A.G. "Chimpanzees show human-like shifts in cognition during adolescence." American Association of Physical Anthropologists, Atlanta (poster; published abstract).
- 2015 Rosati, A.G. & Santos, L.R. "Developmental shifts in rhesus macaque gaze following." American Association of Physical Anthropologists, St Louis, MO (talk; published abstract).
- 2015 Rosati, A.G. & Santos, L.R. "Developmental changes in rhesus macaque gaze following." Society for Research in Child Development Meeting, Philadelphia (poster).
- 2015 Leimgruber, K., Rosati, A.G. & Santos, L.R. "The origins of spite? Capuchins (*Cebus apella*) punish conspecifics who have more." Society for Research in Child Development Meeting, Philadelphia (poster).
- 2013 Rosati, A.G. Ruiz, A.M., Brent, L.J.N, Platt, M.L., & Santos, L.R. "The role of age in looking-time performance: Younger monkeys look longer in expectancy violation and preferential looking tasks." Cognitive Development Society, Memphis, TN (poster).

- 2013 Rosati, A.G. & Hare, B. “Different developmental trajectories for components of spatial memory in chimpanzees and bonobos.” Society for Research in Child Development Meeting, Seattle, WA (poster).
- 2012 Rosati, A.G. & Hare, B. “Evolutionary economics: Mapping decision-making traits in chimpanzees and bonobos.” International Primatological Society Congress XXIV, Cancun, Mexico (talk).
- 2012 Rosati, A.G. & Hare, B. “Divergent spatial memory development in chimpanzees and bonobos.” International Primatological Society Congress XXIV, Cancun, Mexico (talk).
- 2012 Warneken, F. & Rosati, A.G. “Cognitive capacities for cooking in chimpanzees.” International Primatological Society Congress XXIV, Cancun, Mexico (talk).
- 2012 Rosati, A.G. & Hare, B. “The origins of spatial skills: memory development in chimpanzees (*Pan troglodytes*) and bonobos (*Pan paniscus*).” International Conference on Infant Studies, Minneapolis, MN (talk).
- 2012 Rosati, A.G. & Hare, B. “Risk preferences across social contexts in chimpanzees (*Pan troglodytes*) and bonobos (*Pan paniscus*).” International Conference on Infant Studies, Minneapolis, MN (poster).
- 2012 Rosati, A.G. & Hare, B. “Chimpanzees (*Pan troglodytes*) and bonobos (*Pan paniscus*) exhibit divergent spatial memory development.” International Conference on Infant Studies, Minneapolis, MN (poster).
- 2011 Rosati, A.G. & Hare, B. “The development of spatial memory skills in chimpanzees and bonobos.” Society for Research in Child Development Meeting, Montreal, Canada (poster).
- 2005 Rosati, A.G., Stevens, J.R., & Hauser, M.D. “The influence of handling time on temporal discounting in two New World primates.” Animal Cognition Conference, FL (poster).