

JACOB D. NEGREY

Assistant Professor
School of Anthropology
University of Arizona
Tucson, AZ, USA

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RESEARCH INTERESTS

I am a biological anthropologist and primatologist specializing in animal behavior, disease ecology, and ecophysiology. I study factors that shape primate illness and aging, integrating ethological, physiological, and epidemiological approaches to illuminate multiscale mechanisms. Topics of special interest include human impacts on chimpanzee biology, social determinants of health, trade-offs between reproduction and immunity, and proximate causes of aging and age-related diseases. I co-direct the Ngogo Chimpanzee Project, which oversees research and conservation activities focused on wild chimpanzees living at Ngogo, Kibale National Park, Uganda. I also direct the Applied Primate Eco-omics (A.P.E.) Lab at the University of Arizona, which uses noninvasive “omics” methods to study primate health.

PROFESSIONAL EMPLOYMENT

University of Arizona , School of Anthropology <i>Assistant Professor</i>	2023-Present
Arizona State University , School of Human Evolution and Social Change <i>Postdoctoral Research Scholar</i>	2023
Wake Forest University School of Medicine , Department of Pathology <i>Research Fellow</i>	2021-2023
University of Wisconsin-Madison , Department of Pathobiological Sciences <i>Research Associate</i>	2019-2021
Max Planck Institute for Evolutionary Anthropology , Department of Primatology <i>Guest Researcher</i>	2017-2018

EDUCATION

Boston University , Ph.D. in Anthropology	2019
Miami University , B.A. in Anthropology and Zoology	2013
University of Cambridge , Junior Visiting Fellow in Biological Anthropology	2012

PEER-REVIEWED JOURNAL ARTICLES

*Equal first author contributions

- 23) Sandel A, He Y, Ren J, Kei YL, Lee K, Clark IR, Reddy RB, **Negrey JD**, Birungi C, Apamaku BA, Kanweri D, Kalunga D, Aliganyira C, Nakayima P, Katumba R, Kamugyisha B, Acosta-Florez D, van Boekholt B, Mbabazi G, Akamumpa E, Namaganda S, Tumusiime A, Angedakin S, Reinert G, Madrid-Padila O, Cucuringu M, Wipf D, Langergraber K, Watts D, and Mitani J (2026). Lethal conflict following group fission in wild chimpanzees. *Science* 392(6794): 216-220.
- 22) Frye BM, Cooper H, **Negrey JD**, Sutphen C, Nagpal R, Kim J, Barcus RA, Lockhart SN, Whitlow CT, Tooze JA, Yadav H, Craft S, Register TC, and Shively CA (2026). Dietary pattern-induced gut microbiota differences are associated with white matter volume changes in middle-aged female macaques. *Nutrients* 18(7): 1124.
- 21) Dunay E, Hirji I, Owens LA, Marah K, Anderson N, Ruiz M, Atencia R, Rukundo J, Rosati AG, Cole MF, Emery Thompson M, **Negrey JD**, Angedakin S, Elfenbein JR, and Goldberg TL (2025). Distribution and prevalence of *Sarcina troglodytae* in chimpanzees and the environment throughout Africa. *Journal of Medical Microbiology* 74(7): 002044.
- 20) Abusheikha AJ, Johnson CSC, Snyder-Mackler N, Zimmerman KD, **Negrey JD**, Chiou KL, Frye BM, Howard TD, Shively CA, and Register TC (2025). Differential effects of Mediterranean vs. Western diets and social status on coronary and peripheral arterial transcriptomics. *Frontiers in Nutrition* 12: 1564741.
- 19) **Negrey JD**, Angedakin S, Reddy RB, Sandel AA, Jombela S, Akamumpa E, Aliganyira C, Birungi C, Kalunga D, Kamugyisha B, Kanweri D, Mbabazi G, Nakayima P, Lee KC, Clark IR, Samuni L, Owens LA, Watts DP, Mitani JC, Goldberg TL, and Langergraber KE (2025). Decreases in chimpanzee respiratory disease signs and enteric viral quantity following implementation of anthroponotic disease prevention protocols at a long-term research site. *Biological Conservation* 308: 111225.
- 18) Berson E, Frye BM, Gajera CR, Saarunya G, Perna A, Phongpreecha T, Shome S, **Negrey JD**, Aghaeepour N, Montine TJ, Craft S, Register TC, and Shively CA (2025). Mediterranean vs. Western diet effects on the primate cerebral cortical pre-synaptic proteome: Relationships with the transcriptome and multi-system phenotypes. *Alzheimer's and Dementia* 21(3): e70041.
- 17) Frye BM*, **Negrey JD***, Johnson CSC, Kim J, Barcus RA, Lockhart SN, Whitlow CT, Chiou KL, Snyder-Mackler N, Montine TJ, Craft S, Shively CA, and Register TC (2024). Mediterranean diet protects against a neuroinflammatory cortical transcriptome: Associations with brain volumetrics, peripheral inflammation, social isolation, and anxiety in nonhuman primates (*Macaca fascicularis*). *Brain, Behavior, and Immunity* 119: 681-692.
 - **Honorable mention, 2024 Stress Science Paper of the Year, NIA Stress Measurement Network (Category: "Basic Research / Animal Models")**
- 16) **Negrey JD***, Frye BM*, Craft S, Register TC, Baxter MG, Jorgensen MJ, and Shively CA (2024). Executive function mediates age-related variation in social integration in female vervet monkeys (*Chlorocebus sabaeus*). *GeroScience* 46(1): 841-852.

- 15) Trumble B, **Negrey J**, Koebele S, Thompson R, Wann S, Allam A, Beheim B, Sutherland L, Sutherland J, Eid Rodriguez D, Michalik D, Rowan C; Lombardi G, Garcia A, Cummings D, Seabright E, Alami S, Kraft T, Hooper P, Buetow K, Irimia A, Gatz M, Stieglitz J, Gurven M, Kaplan H, and Thomas G (2023). Testosterone is positively associated with coronary artery calcium in a low cardiovascular disease risk population. *Evolution, Medicine, and Public Health* 11(1): 472-484.
- 14) Wood BM, **Negrey JD**, Brown JL, Deschner T, Emery Thompson M, Gunter S, Mitani JC, Watts DP, and Langergraber KE (2023). Demographic and hormonal evidence for menopause in wild chimpanzees. *Science* 382(6669): eadd5473.
- 13) **Negrey JD**, Deschner T, and Langergraber KE (2023). Lean muscle mass, not aggression, mediates a link between dominance rank and testosterone in wild male chimpanzees. *Animal Behaviour* 202: 99-109.
- 12) Shively CA, Frye BM, **Negrey JD**, Johnson CSC, Sutphen CL, Molina AJ, Yadav H, Snyder-Mackler N, and Register TC (2023). The interactive effects of psychosocial stress and diet composition on health in primates. *Neuroscience and Biobehavioral Reviews* 152: 105320.
- 11) Sandel AA, **Negrey JD**, Arponen M, Clark IR, Clift JB, Reddy RB, and Ivaska KK (2023). The evolution of the adolescent growth spurt: urinary biomarkers of bone turnover in wild chimpanzees. *Journal of Human Evolution* 177(1): 103341.
- 10) **Negrey JD**, Dobbins DL, Howard TD, Borgmann-Winter KE, Hahn C, Kalinin S, Feinstein DL, Craft S, Shively CA, and Register TC (2022). Transcriptional profiles in olfactory pathway-associated brain regions of African green monkeys: Associations with age and Alzheimer's disease neuropathology. *Alzheimer's and Dementia: Translational Research and Clinical Interventions* 8(1): e12358.
- 9) **Negrey JD**, Emery Thompson M, Dunn CD, Oтали E, Wrangham RW, Mitani JC, Machanda ZP, Muller MN, Langergraber KE, and Goldberg TL (2022). Female reproduction and viral infection in a long-lived mammal. *Journal of Animal Ecology* 91(10): 1999-2009. **Cover article**.
- 8) **Negrey JD**, Mitani JC, Wrangham RW, Oтали E, Reddy RB, Pappas TE, Grindle KA, Gern JE, Machanda ZP, Muller MN, Langergraber KE, Emery Thompson M, and Goldberg TL (2022). Viruses associated with ill health in wild chimpanzees. *American Journal of Primatology* 84(2): e23358.
- 7) **Negrey JD**, Behringer V, Langergraber KE, and Deschner T (2021). Urinary neopterin of wild chimpanzees indicates that cell-mediated immune activity varies by age, sex, and female reproductive status. *Scientific Reports* 11(1): 9298.
- 6) Sandel AA, Rushmore J, **Negrey JD**, Mitani JC, Lyons DM, and Caillaud D (2020). Social network predicts exposure to respiratory infection in a wild chimpanzee group. *EcoHealth* 17(4): 437-448.
- 5) **Negrey JD**, Emery Thompson M, Langergraber KE, Machanda ZP, Mitani JC, Muller MN, Oтали E, Owens LA, Wrangham RW, and Goldberg TL (2020). Demography, life history trade-offs, and the gastrointestinal virome of wild chimpanzees. *Philosophical Transactions of the Royal Society B: Biological Sciences* 375(1811): 20190613.
- 4) **Negrey JD**, Sandel AA, and Langergraber KE (2020). Dominance rank and the presence of sexually receptive females predict feces-measured body temperature in male chimpanzees. *Behavioral Ecology and Sociobiology* 74(1): 5.

- 3) **Negrey JD** and Langergraber KE (2020). Corpse-directed play parenting by a sterile adult female chimpanzee. *Primates* 61(1): 29-34.
- 2) **Negrey JD**, Reddy RB, Scully EJ, Phillips-Garcia S, Owens L, Langergraber KE, Mitani J, Emery Thompson M, Wrangham RW, Muller MN, Otali E, Machanda Z, Hyeroba D, Grindle KA, Pappas TE, Palmenberg AC, Gern JE, and Goldberg TL (2019). Simultaneous outbreaks of respiratory disease in wild chimpanzees caused by distinct viruses of human origin. *Emerging Microbes and Infections* 8(1): 139-149.
- 1) Behringer V, Deimel C, Hohmann G, **Negrey J**, Schaebs FS, and Deschner T (2018). Applications for non-invasive thyroid hormone measurements in mammalian ecology, growth, and maintenance. *Hormones and Behavior* 105: 66-85.

RESEARCH FUNDING AND AWARDS

External

Leakey Foundation Post-PhD Research Grant (Role: PI) \$28,460	2025
Maramedia, Ltd. “Finding Juba” Film Grant \$12,000	2025
Wenner-Gren Foundation Post-PhD Research Grant (Role: PI) \$24,866	2024
Animal Models for the Social Dimensions of Health and Aging: A Research Network Workshop Funding <i>Co-awardees:</i> Emily Rothwell (University of Pittsburgh) and Brett Frye (Emory and Henry College) \$15,000	2023
Animal Models for the Social Dimensions of Health and Aging: A Research Network Bruce McEwen Career Development Fellowship \$6,000	2022
Cora Du Bois Charitable Trust Dissertation Fellowship \$18,000	2018-2019
Wenner-Gren Foundation Dissertation Fieldwork Grant (Role: PI) \$17,830	2017-2019

National Science Foundation Doctoral Dissertation Research Improvement Grant (Role: Co-PI) \$25,145	2016-2018
National Geographic Society Young Explorers Grant (Role: PI) \$4,950	2016-2017
Nacey Maggioncalda Foundation James F. Nacey Fellowship \$5,000	2015-2017
<u>Internal</u>	
School of Anthropology Faculty Research Award (University of Arizona) \$18,673	2024
Graduate Student Organization Travel Grant (Boston University) \$500	2018
Dissertation Research Fellowship (Boston University) \$43,000	2016 – 2018
Graduate Research Abroad Fellowship (Boston University) \$6,000	2016 – 2017
Cambridge Junior Fellows Award (Miami University) \$1,000	2012
Rebecca Jeanne Andrew Memorial Award (Miami University) \$1,000	2012
Rebecca Jeanne Andrew Memorial Award (Miami University) \$3,861	2011

CONFERENCE PRESENTATIONS

- 30) Clark IR, Sandel AA, Lee KC, Apamaku BA, Acosta Florez D, Namaganda S, Angedakin S, **Negrey JD**, Reddy RB, Watts DP, and Mitani JC (2026). Development of territorial behavior in wild chimpanzees. 95th Annual Meeting of the American Association of Biological Anthropologists, Denver, CO, USA. (Podium.)
- 29) De La Rosa C, Deschner T, Langergraber KE, and **Negrey JD** (2026). Ovarian hormone levels decrease during acute respiratory disease in wild female chimpanzees. 95th Annual Meeting of the American Association of Biological Anthropologists, Denver, CO, USA. (Podium.)

- 28) Lee KC, Sandel AA, Namaganda S, Clark IR, Acosta Florez D, Angedakin S, Reddy RB, **Negrey JD**, Watts DP, Mitani JC, and Langergraber KE (2026). Female chimpanzees at Ngogo more likely to join patrols and intergroup attacks during periods of territorial expansion. 95th Annual Meeting of the American Association of Biological Anthropologists, Denver, CO, USA. (Podium.)
- 27) **Negrey JD** and Jombela S (2026). Anthroponotic diseases shape the stories we tell about wild chimpanzees. 95th Annual Meeting of the American Association of Biological Anthropologists, Denver, CO, USA. (Podium.)
- 26) Sandel AA, He Y, Ren J, Kei YL, Widness J, Lee K, Clark IR, Reddy RB, **Negrey JD**, Apamaku BA, Namaganda S, Acosta Florez D, van Boekholt B, Angedakin S, Basiibye SJ, Reinert G, Padilla OM, Watts DP, Langergraber KE, and Mitani JC (2026). Polarization, permanent fission, and lethal conflict in a wild chimpanzee community. 95th Annual Meeting of the American Association of Biological Anthropologists, Denver, CO, USA. (Podium.)
- 25) Wood BM, Angedakin S, Langergraber KE, **Negrey JD**, Reddy RB, Sandel AA, Watts DP, and Mitani JC (2026). Lethal intergroup aggression, territorial expansion, and fitness in wild chimpanzees. 95th Annual Meeting of the American Association of Biological Anthropologists, Denver, CO, USA. (Podium.)
- 24) **Negrey JD**, Angedakin S, Reddy RB, and Langergraber KE (2024). Cross-sectional patterns of social and physical aging in wild chimpanzees (*Pan troglodytes*) at Ngogo, Kibale National Park, Uganda. 46th Meeting of the American Society of Primatologists, Riviera Maya, Mexico. (Podium.)
- 23) Reddy RB, Clark IR, Derby RN, Finkel BJ, Langergraber KE, Lee KC, Mitani JC, **Negrey JD**, Samuni L, Sandel AA, Sarkar A, Watts DP, Zeng TC, and Henrich J (2024). Do chimpanzee elders hold prestige status? 46th Meeting of the American Society of Primatologists, Riviera Maya, Mexico. (Podium.)
- 22) Frye BM, Sutphen C, Register TC, **Negrey JD**, Craft SM, and Shively CA (2024). Social aging in captive female vervets (*Chlorocebus aethiops sabaeus*): Relationships between brain, body, and social behavior. 46th Meeting of the American Society of Primatologists, Riviera Maya, Mexico. (Podium.)
- 21) Berson E, Frye BM, Perna A, Phongpreecha T, Shome S, Clarke G, **Negrey JD**, Aghaeepour N, Montine TJ, Craft S, Register TC, and Shively CA (2024). Effects of Mediterranean vs. Western diets on the cerebral cortical pre-synaptic proteome in nonhuman primates. Alzheimer's Association International Conference 2024, Philadelphia, USA. (Poster.)
- 20) Frye BM, **Negrey JD**, Sutphen CL, Craft S, Shively CA, and Register TC (2024). Serum soluble CD14 is associated with insulin resistance and cortical inflammation in nonhuman primates consuming Western versus Mediterranean diets. Alzheimer's Association International Conference 2024, Philadelphia, USA. (Poster.)
- 19) Register TC, Frye BM, **Negrey JD**, Johnson CSC, Snyder-Mackler N, Craft S, Montine TJ, and Shively CA (2024). Relationships between circulating monocyte and brain transcriptional profiles in nonhuman primates consuming Mediterranean versus Western like diets. Alzheimer's Association International Conference 2024, Philadelphia, USA. (Poster.)

- 18) Reddy RB, Samuni L, Sandel AA, Clark IR, Langergraber KE, Derby RN, Finkel BJ, Lee KC, Mitani JC, **Negrey J**, Sarkar A, Watts DP, Zeng T, and Henrich J (2024). Prestige in chimpanzees: learning through social relationships across the lifespan. 93rd Annual Meeting of the American Association of Biological Anthropologists, Los Angeles, CA, USA. (Podium.)
- 17) Frye BM, **Negrey JD**, Craft S, Register TC, Baxter MG, Jorgensen MJ, Kim J, Barcus RA, Lockhart SN, Whitlow CT, and Shively CA (2023). Relationships between AD-related neuroanatomy and cognitive, physical, and social aging in vervet monkeys. Alzheimer's Association International Conference 2023, Amsterdam, NL. (Poster.)
- 16) Frye BM, **Negrey JD**, Nagpal R, Kim J, Barcus RA, Lockhart SN, Whitlow CT, Tooze JA, Yadav H, Craft SM, Register TC, and Shively CA (2023). Mediterranean versus Western diet and the gut-brain axis: Diet-induced links between gut *Oscillospira* abundance, plasma branched-chain amino acid concentrations and insulin resistance, and change in white matter volumes in nonhuman primates. Alzheimer's Association International Conference 2023, Amsterdam, NL. (Poster.)
- 15) Shively CA, **Negrey JD**, Frye BM, Johnson CSC, Kim J, Barcus RA, Lockhart SN, Whitlow CT, Chiou KL, Snyder-Mackler N, Montine TJ, Craft S, and Register TC (2023). Mediterranean diet protects against neuroinflammation and degeneration in female nonhuman primates. Alzheimer's Association International Conference 2023, Amsterdam, NL. (Poster.)
- 14) **Negrey JD**, Deschner T, and Langergraber KE (2023). Revisiting the "challenge hypothesis": Muscle mass, not aggression, mediates an association between testosterone and dominance rank in wild male chimpanzees. 92nd Annual Meeting of the American Association of Biological Anthropologists, Reno, NV, USA. (Podium.)
- 13) Sandel AA, Reddy RB, and **Negrey JD** (2023). Adolescence is a distinct life history stage: Insights from chimpanzee growth and social behavior. 92nd Annual Meeting of the American Association of Biological Anthropologists, Reno, NV, USA. (Podium.)
- 12) **Negrey JD** and Langergraber KE (2022). Social status predicts mortality and physiological parameters during an outbreak of acute respiratory disease in wild male chimpanzees. 44th Meeting of the American Society of Primatologists, Denver, CO, USA. (Podium.)
- 11) **Negrey JD**, Frye BM, Craft S, Register TC, Jorgensen MJ, Bissinger DW, Scott CL, Copeland CN, Register HM, Valure P, Wise-Walden S, and Shively CA (2022). Social, physical, and cognitive aging in captive female vervets (*Chlorocebus aethiops sabaeus*). 44th Meeting of the American Society of Primatologists, Denver, CO, USA. (Podium.)
- 10) Register T, Howard T, Kitzman D, Shively C, Jorgenson M, **Negrey J**, Kritchevsky S, and Carr J (2022). Functional and genomic profiling of heart, skeletal muscle, and adipose tissues in a primate model of aging. 50th Annual Meeting of the American Aging Association, San Antonio, TX, USA. (Poster.)
- 9) Huber H, Cox L, Nathanielsz P, **Negrey J**, Ross C, Salmon A, and Shively C (2022). Primary data for longevity of nonhuman primate species common to biomedical research. 50th Annual Meeting of the American Aging Association, San Antonio, TX, USA. (Poster.)
- 8) **Negrey JD**, Dobbins DL, Howard TD, Borgmann-Winter KE, Hahn C, Kalinin C, Feinstein DL, Shively CA, and Register TC (2022). Transcriptional profiling of the aging primate brain: Age and

neuropathology-associated transcripts in olfactory pathway brain regions of vervets. 50th Annual Meeting of the American Aging Association, San Antonio, TX, USA. (Poster.)

- 7) **Negrey JD**, Emery Thompson M, Langergraber KE, Machanda ZP, Mitani JC, Muller MN, Oтали E, Reddy RB, Wrangham RW, and Goldberg TL (2022). Viral infection and life history trade-offs in wild chimpanzees. 91st Annual Meeting of the American Association of Biological Anthropologists, Denver, CO, USA. (Podium.)
- 6) **Negrey JD** (2019). Immunofunction and reproductive effort in wild chimpanzees: Noninvasive field evidence for immunomodulation by gonadal steroids. 16th Annual Meeting of the Midwest Primate Interest Group, DeKalb, IL, USA. (Podium.)
- 5) Goldberg TL, Basnet S, Emery Thompson M, Gern JE, Grindle KA, Langergraber KE, Machanda Z, Mitani JC, Muller MM, **Negrey JD**, Oтали E, Owens L, Palmenberg AC, Pappas TE, Phillips-Garcia S, Reddy RB, Scully EJ, and Wrangham RW (2019). Chimpanzee reverse zoonoses: Unfortunate natural experiments in great ape comparative medicine and demography. 88th Annual Meeting of the American Association of Physical Anthropologists, Cleveland, OH, USA. (Podium.)
- 4) **Negrey JD**, Langergraber KE, and Knott CD (2018). Measuring wild chimpanzee body temperature from fecal deposits. 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX, USA. (Podium.)
- 3) **Negrey JD**, Sandel AA, and Langergraber KE (2016). Transmission of respiratory disease in the Ngogo chimpanzees: A social network analysis. 26th Congress of the International Primatological Society, Chicago, IL, USA. (Podium.)
- 2) Friend AN, **Negrey JD**, and Marchant LF (2013). Ethological study of manual laterality in sanctuary chimpanzees (*Pan troglodytes*). 82nd Annual Meeting of the American Association of Physical Anthropologists, Knoxville, TN, USA. (Poster.)
- 1) **Negrey JD** (2011). Mantled howler monkey (*Alouatta palliata*) long calls: Effects of habitat-dependent acoustic influences. 8th Annual Meeting of the Midwest Primate Interest Group, Kent State University, Kent, OH, USA. (Poster.)

INVITED AND GUEST LECTURES

- 16) **Negrey JD** (2025). How do we really differ from chimpanzees? Biological Anthropology Colloquium, Department of Anthropology, University of Michigan, Ann Arbor, MI, USA. (**Invited.**)
- 15) **Negrey JD** (2024). Chimpanzee lifespan and aging patterns in times of war and (relative) peace. Seminar for the Department of Ecology and Evolutionary Biology, University of Arizona, Tucson, AZ, USA. (**Invited.**)
- 14) **Negrey JD**, Angedakin S, Reddy RB, and Langergraber KE (2024). Functional predictors of social aging in wild chimpanzees. Socioecology of Social Aging Meeting, University of California Santa Barbara, Santa Barbara, CA, USA. (**Invited.**)

- 13) **Negrey JD** (2023). Revisiting the “challenge hypothesis”: Testosterone and dominance in wild male chimpanzees. AN 559 (Evolutionary Endocrinology), Boston University, Boston, MA, USA. Online. **(Invited.)**
- 12) **Negrey JD** (2023). Anthropogenic impacts on chimpanzee health and aging. Department Seminar, School of Anthropology, University of Arizona, Tucson, AZ, USA. **(Invited.)**
- 11) **Negrey JD** (2022). Viruses as biomarkers: Applications in chimpanzee ecology and conservation. Biological Anthropology Seminar, Department of Anthropology, University of Texas at Austin, Austin, TX, USA. **(Invited.)**
- 10) **Negrey JD** (2022). Multisystem aging patterns in nonhuman primates. Research Strategy Meeting, Section on Comparative Medicine, Wake Forest School of Medicine, Winston-Salem, NC, USA. Online. **(Invited.)**
- 9) **Negrey JD** (2022). The chimpanzee virome: Implications for ape health, ecology, and conservation. Department of Biology, Macalester College, Saint Paul, MN, USA. Online. **(Invited.)**
- 8) **Negrey JD** (2022). Ecology of the wild chimpanzee virome: Implications for ape health, life history, and conservation. Department of Biology and Earth Science, Otterbein University, Westerville, OH, USA. Online. **(Invited.)**
- 7) **Negrey JD** (2020). Immune function, infectious disease, and wild chimpanzee life histories. Seminar for the Department of Anthropology, Boston University, Boston, MA, USA. Online. **(Invited.)**
- 6) **Negrey JD** (2018). Social behavior, hormone secretion, and immune function in wild chimpanzees. GMS FA 790 (History, Methods and Theory in Biological Anthropology), Boston University School of Medicine, Boston, MA, USA. **(Invited.)**
- 5) **Negrey JD** (2016). Chimping 101: A student’s pictorial handbook. ATH 198 (Great Ape Ecology) and ATH 398 (Primate Behavior and Ecology), Miami University, Oxford, OH, USA. **(Invited.)**
- 4) **Negrey JD** (2016). Natural selection. AN 102 (Human Behavior, Biology, and Evolution), Boston University College of Arts and Sciences, Boston, MA, USA.
- 3) **Negrey JD** (2015). Reproductive strategies. AN 102 (Human Behavior, Biology, and Evolution), Boston University College of Arts and Sciences, Boston, MA, USA.
- 2) **Negrey JD** (2015). Chimpology: A student’s guide to wild chimpanzees. Vermilion High School, Vermilion, OH, USA.
- 1) **Negrey JD** (2014). Chimpanzees: Past, present, future. Museum of Science, Boston, MA, USA.

COURSES INSTRUCTED

University of Arizona

- ANTH 265: Introduction to Biological Anthropology
- ANTH 369: Darwinian Medicine

- ANTH 470/570: Primate Behavior Seminar
- ANTH 495D/595D: Special Topics in Biological Anthropology
- ANTH 498A: Senior Thesis
- ANTH 699: Independent Study

Boston University

- AN 263: The Behavioral Biology of Women

MENTORING

Masters Committees

Salmah Jombela, University of Arizona (Current); **primary advisor**
 Cielo De La Rosa Meza, University of Arizona (Current); **primary advisor**
 Noah Place, University of Arizona (2023-2024); **committee member**

Comprehensive Exam Committees

Katherine King, University of Arizona (2024); **committee member**
 Arielle Liu, University of Arizona (2024); **committee member**
 Noah Place, University of Arizona (2025); **committee member**

PhD Committees

Katherine King, University of Arizona (2024-Present); **committee member**
 Arielle Liu, University of Arizona (2024-Present); **committee member**
 Noah Place, University of Arizona (2024-Present); **committee member**

PROFESSIONAL MEMBERSHIPS

Current

American Association of Biological Anthropologists

Past

American Aging Association
 American Society of Primatologists
 International Society to Advance Alzheimer's Research and Treatment

PROFESSIONAL SERVICE

Peer Review

Scientific Journals

- *American Journal of Biological Anthropology*
- *American Journal of Primatology*
- *Behavioral Ecology and Sociobiology*
- *Frontiers in Ecology and Evolution*
- *General and Comparative Endocrinology*

- *Molecular Ecology*
- *Nature Communications*
- *Primates*
- *Scientific Reports*

Funding Agencies

- Leakey Foundation
- National Science Foundation (Biological Anthropology Program)
- Primate Conservation, Inc.

Other External Service

Symposium Co-Organizer (with Rachna Reddy, Aaron Sandel, and David Watts)	2026
• Symposium title: The Rise and Fall of a Chimpanzee Community at Ngogo, Uganda • Held at the annual meeting of the American Association of Biological Anthropologists (Denver, CO, USA)	
Guest Speaker, Sun City Oro Valley Retirement Community	2025
Guest Speaker, Federal Correctional Complex Tucson	2025
Workshop Co-Organizer (with Emily Rothwell and Brett Frye)	2024
• Workshop title: Advancing Theories for Social Aging in Primates across Taxa, Techniques, and Contexts • Satellite meeting to the annual conference of the American Society of Primatologists (Riviera Maya, Mexico) • Supported by the Animal Models for the Social Dimensions of Health and Aging Research Network	
Career Panel Member, Annual Meeting, Southwestern Association of Biological Anthropologists	2023
Education Committee, American Society of Primatologists	2022-2024

Internal Service

Director Search Committee, School of Anthropology, University of Arizona	2025-2026
Fellowships and Admissions Committee, School of Anthropology, University of Arizona	2025-Present
Graduate Student Support Committee, School of Anthropology, University of Arizona	2025-Present
Admissions Committee, School of Anthropology, University of Arizona	2024-2025
Financial Awards Committee, School of Anthropology, University of Arizona	2023-2025
Outreach/Student Recruitment Committee, School of Anthropology, University of Arizona	2023-2024

SELECT MEDIA COVERAGE AND PUBLIC INTERVIEWS

KJZZ	April 28, 2026
“This researcher says chimpanzee civil war in Uganda can teach us about humanity, relationships”	
National Geographic	April 9, 2026
“Why these chimps have been at war for 8 years”	
KVOI 1030 The Morning Voice	June 20, 2025
Interview with host Ed Ackerley	
University of Arizona News	June 5, 2025
“Masking, distancing and quarantines keep chimps safe from human disease, study shows”	
Arizona Public Media	January 16, 2025
“Finding new similarities between chimpanzees and humans”	

Updated July 16, 2026

[The New York Times](#)

October 26, 2023

“Chimpanzees go through menopause, too”

[ASU News](#)

July 5, 2023

“ASU study: Chimpanzees with more muscle, not more aggression, have higher testosterone”

[New Scientist](#)

April 8, 2023

“Chimpanzees may have an adolescent growth spurt like humans”

[El País](#)

July 13, 2019

“‘Lucy’, la chimpancé estéril que juega a ser madre con cadáveres”

[ScienceDaily](#)

January 22, 2019

“Human respiratory viruses continue to spread in wild chimpanzees”