

Curriculum vitae

Andrea R. Eller

Doctoral Candidate, University of Oregon Department of Anthropology

Visiting Researcher, Smithsonian National Museum of Natural History

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Research Interests

Evolutionary theory; Phenotypic and developmental plasticity; Human and nonhuman primate evolution; Biodiversity in the Anthropocene; Comparative morphology; Invasive/translocated primate species; Wildlife management; Population dynamics and dispersals; Island biogeography

Education

2012-present University of Oregon, Anthropology Doctoral Program
2012 M.S., University of Oregon, Anthropology
2007 B.S., Middle Tennessee State University, Sociology

Academic Positions

2017 Visiting Researcher, Smithsonian National Museum of Natural History
2011-present Graduate Teaching Fellow, University of Oregon

Publications (peer-reviewed articles, book chapters, and published abstracts)

- 2017 Dore, K.M., Eller, J.L., and **Eller, A.R.** Identity construction and symbolic
(in press) association in farmer-vervet monkey (*Chlorocebus aethiops sabaues*)
interconnections in St. Kitts. In press for Special Issue: "Ethnographic
Approaches in Primatology," edited by Sian Waters, Sherrie Alexander, Lucy
Radford, and Kerry M. Dore, *Folia Primatologica*.
- 2017 **Eller, A.R.** and K.M. Dore. "What makes us human?" A question to engage
(in press) students, the public, and research. In *American Journal of Physical Anthropology*.
- 2015 Clarke, K.S., Anderson M., **Eller A.R.**, Simons, E., White, F.J., and S.R. Frost.
Morphological signals of stress and socioendocrinology: Comparing measures of
cranial fluctuating asymmetry and second to fourth digit ratio in cercopithecids.
In *American Journal of Physical Anthropology*. 156(106). USA: Wiley-
Blackwell.
- 2015 Arenson, J., Anderson, M., **Eller, A.R.**, Simons, E., White, F., and S.R. Frost.
Bergmann's rule in skull size of wild vs. captive *fascicularis* group macaques. In
American Journal of Physical Anthropology. 156(71). USA: Wiley-Blackwell.
- 2015 **Eller, A.R.**, Cohen, S., Frost, S.R., and F.J. White. Variability Selection
Hypothesis and Developmental Plasticity in Macaques and Humans. In *American
Journal of Physical Anthropology*. 156(128). USA: Wiley-Blackwell.
- 2014 **Eller, A.R.**, Delson, E., Guthrie, E.H., and S.R. Frost. Measurement protocol
considerations for the cercopithecoid appendicular skeleton: Body mass and
function. In *American Journal of Physical Anthropology* 153(113). USA: Wiley-

- Blackwell.
- 2014** Eller, J.L. and **A.R. Eller**. “Furries and Their Community” *Deviance Today*. Thio A, Calhoun TC, and AS Conyers, Eds. Pearson Education, Inc.
- 2013** **Eller, A.R.**, Buckley, S., Edwards, T., Frost, S.R., & White, F.J. 2013. Pace of developmental markers in captive *Macaca mulatta*. In *American Journal of Primatology*. 75(57). USA: Wiley-Blackwell.
- 2013** **Eller, A.R.**, Buckley, S., Edwards, T., Frost, S. R., & White, F. J. Pace of dental eruption and epiphyseal fusion in captive *Macaca mulatta*. In *American Journal of Physical Anthropology*. 150(119). USA: Wiley-Blackwell.
- 2012** **Eller, A.R.**, Frost, S.R., and E.H. Guthrie. Estimating body mass in the Theropithecus oswaldi lineage using long bone ends. In *American Journal of Physical Anthropology*. 147(139). USA: Wiley-Blackwell.
- 2011** **Eller, A.R.**, Frost, S.R., and E.H. Guthrie. Body mass estimation in Old World monkeys using long bone ends. In *American Journal of Physical Anthropology*. 144(132). USA: Wiley-Blackwell.

Professional Membership

- 2015-present** Student Member, International Primatological Society (IPS)
- 2014-present** Student Member, American Association for the Advancement for Science (AAAS)
- 2014-present** Student Member, American Association of Anthropologists (AAA)
- 2013-present** Student Member, The American Society of Primatology (ASP)
- 2011-present** Student Member, The American Association of Physical Anthropology (AAPA)

Lab Experience

- 2011-16** Lab Manager, University of Oregon Primate Osteology Laboratory, and Assistant Curator of the University of Oregon Comparative Primate Collection. *Tasks include volunteer/student management, research project direction, continued renovation and maintenance of the UOCPC, and specimen processing for accession.* Supervisor: F.J. White
- 2010-11** Renovation of the University of Oregon Comparative Primate Collection. *This collection includes over 400 primate skeletal specimens and about 200 non-primate faunal specimens, including birds, rodents, and dogs. Tasks included identification to species, database design, entry, specimen preparation, and specimen preservation.* Supervisor: F.J. White
- 2010** Faunal Identification of 35-CU-183, University of Oregon Zooarchaeology Lab. *This assemblage was a North American forest back-dirt site. Faunal specimens included fragmentary Cervis canadensis, Odocoileus spp., and Ursus spp.* Supervisor: M. Moss
- 2010** Identification of faunal remains from Iron Age site of Diouboye, Senegal, at University of Oregon Zooarchaeology Lab. *This assemblage includes mammals (domestic, wild), fish, birds, reptiles and amphibians.* Supervisor: S.A. Dueppen.

Field Experience

- 2017** St. Kitts Biomedical Research Facility—Cayon, St. Kitts. Gross dissections of captive *Chlorocebus aethiops*. Supervisor: G. Redmond
- 2016** The Smithsonian National Museum of Natural History—Washington, DC. Caliper measures on *Pan* and *Papio*, preliminary dissertation skeletal protocol. Supervisor: D. Lunde
- 2014** The Smithsonian National Museum of Natural History—Washington, DC. Caliper measures on *Macaca*, postcranial protocol. Supervisor: D. Lunde
- 2013** The Caribbean Primate Research Center—San Juan, Puerto Rico. Caliper measures on *Macaca*, postcranial protocol. Supervisor: T. Hunt
- 2012** The Caribbean Primate Research Center—San Juan, Puerto Rico. Caliper measures, postcranial protocol, and nonmetric age estimation on *Macaca mulatta*. Supervisor: T. Hunt
- 2012** The University of California, Davis Primate Osteological Collection—Davis, CA. Caliper measures, postcranial protocol, and nonmetric age estimation on *Macaca mulatta*. Supervisor: T. Weaver
- 2012** The Smithsonian National Museum of Natural History—Washington, DC. Caliper measures on *Cercopithecidae*, postcranial protocol. Supervisor: D. Lunde
- 2011-13** Oregon National Primate Research Center—Beaverton, OR. Observations on locomotor and social behaviors in captive *Macaca mulatta* and *Macaca fuscata*. Supervisor: K. Coleman
- 2011** The Smithsonian National Museum of Natural History—Washington, DC. Caliper measures on *Cercopithecidae*, postcranial protocol. Supervisor: D. Lunde

Professional Presentations

- 2018** **Invited Oral:** Eller, A.R. "Evaluating the Variability Selection Hypothesis in Macaques and Baboons. At the Annual Meeting of the American Association of Physical Anthropologists—Austin, TX.
- 2017** **Invited Oral:** Eller, A.R. Questioning Ourselves: What Makes Us Human? At the Annual Meeting of the Association of American Anthropologists—Washington, D.C.
- 2017** **Invited Poster:** Eller, A.R. and K.M. Dore. "What makes us human?" A question to engage students, the public, and research. At the Annual Meeting of the American Association of Physical Anthropologists—New Orleans, LA.
- 2016** **Oral:** Eller, A.R. A Question of Discovery: A Content Analysis of Responses to "What Makes Us Human?". At the Annual Meeting of the Association of American Anthropologists—Minneapolis, MN.
- 2016** **Oral:** Eller, A.R. Primates of Least Concern: Evaluating Variability Selection in Old World Monkeys. At the Biannual Meeting of The American Society of Primatology and the International Society of Primatology—Chicago, IL.
- 2015** **Invited Oral:** Eller, A.R., Frost, S.R., White, F.J. and T. Turner. Primates of Least Concern: Ecological flexibility, phenotypic plasticity, and variability selection. At the Annual Meeting of the Association of American Anthropologists—Denver, CO.
- 2015** **Oral:** Eller, A.R., Cohen, S., Frost, S.R., and White, F.J. Variability Selection

- Hypothesis and Developmental Plasticity in Macaques and Humans. At the Annual Meeting of the American Association of Physical Anthropology—St. Louis, MO.
- 2015** **Oral:** Eller, A.R. Morley, K., Sullivan, H.A., and White, F.J. Testing variability selection hypothesis in macaques. At the Annual Meeting of The American Society of Primatology—Bend, OR.
- 2015** **Invited Oral:** Eller, A.R. "Bridging a Dichotomy: Opportunities and Challenges in Ethnoprimateology" Human-Animal Research Interest Group, University of Oregon, Eugene.
- 2014** **Oral:** Eller, A.R. "Primates of Least Concern: The Biocultural Significance of Rhesus Macaques". Animal Vulnerability Symposium., sponsored by the UO Human-Animal Research Interest Group. Held at University of Oregon, Eugene, OR.
- 2014** **Oral:** Eller, A.R. "Primates of Least Concern: The Sociality and Symbolism of Rhesus Macaques." Univ. of Oregon Dept. of Anthropology Colloquium Series Panel: "Anthropological Perspectives on Identity".
- 2013** **Poster:** Eller A.R., Buckley S.A., Edwards T.D., Frost, S.R. and F.J. White. Pace of dental eruption and epiphyseal fusion in captive *Macaca mulatta*. American Association of Physical Anthropology Annual Meeting—Knoxville, TN.
- 2012** **Poster:** Eller A.R., Frost S.R., and E.H. Guthrie. Estimating body mass in the *Theropithecus oswaldi* lineage using long bone ends. American Association of Physical Anthropology Annual Meeting—Portland, OR.
- 2012** **Poster:** Eller A.R., Frost S.R., and E.H. Guthrie. Estimating Body Mass in Extinct Theropithecus: Implications for Climate Change. University of Oregon Graduate Research Forum—Eugene, OR.
- 2011** **Poster:** Eller A.R., Frost S.R., and E.H. Guthrie. Body mass estimation in Old World monkeys using long bone ends. American Association of Physical Anthropology Annual Meeting—Minneapolis, MN.

Public Presentations

- 2017** Scientist in "The Scientist Is In" Program at NMNH Hall of Human Origins; Smithsonian's NMNH, Washington DC
- 2017** Oral Presenter in Eugene Public Library event hosted by University of Oregon Human-Animal Research Interest Group, Eugene, OR
- 2016** Scientist in "The Scientist Is In" Program at NMNH Hall of Human Origins; Smithsonian's NMNH, Washington DC
- 2016** Panelist and opening address in NMNH Human Origins Traveling Exhibit; Cottage Grove Public Library, Cottage Grove, OR

Teaching Experience

Professor, University of Oregon

- 2015** ANTH 176: Introduction to Forensic Anthropology

Graduate Teaching Fellow, University of Oregon

- 2017 ANTH 161: World Cultures; K. Piovesan, Prof.
- 2017 ANTH 362: Human Biological Variation; M. Liebert, Prof.
- 2016 ANTH 270: Introduction to Biological Anthropology; L. Ulibarri, Prof
- 2016 ANTH 161: Anthropology of Aliens; P. Scher, Prof
- 2016 ANTH 176: Introduction to Forensic Anthropology; J. McLaughlin, Prof
- 2015 ANTH 171: Introduction to Monkeys and Apes; N. Ting, Prof
- 2015 ANTH 366: Human Osteology Laboratory; J. McLaughlin, Prof
- 2015 ANTH 361: Human Evolution; L. Ulibarri, Prof
- 2014 ANTH 270: Introduction to Biological Anthropology; M. Waller, Prof
- 2013 ANTH 270: Introduction to Biological Anthropology; K.N. Sterner, Prof
- 2013 ANTH 361: Human Evolution; J.R. Lukacs, Prof
- 2013 ANTH 176: Introduction to Forensic Anthropology; T. Cepon-Robins, Prof
- 2012 ANTH 366: Human Osteology Laboratory; S.R. Frost, Prof
- 2012 ANTH 176: Introduction to Forensic Anthropology; F. Madimenos, Prof
- 2011 ANTH 270: Introduction to Biological Anthropology; J.J. Snodgrass, Prof

Undergraduate Mentorship

- 2015 Sullivan, H.A, III, **Eller, A.R.**, and F.J. White. U Oregon Undergraduate Research Symposium, May 14th Eugene, OR.
- 2015 Pate, C., **Eller A.R.**, and U. Streicher. U Oregon Undergraduate Research Symposium, May 14th Eugene, OR.
- 2015 Morley, K.G., **Eller, A.R.**, and F.J. White. American Association of Physical Anthropologists Annual Meeting, Undergraduate Research Symposium—St. Louis, MO.
- 2015 Glenzer, R.R., Clarke, K., **Eller, A.R.**, Anderson, M., White, F.J., and S.R. Frost. Comparing morphometric methods in *Macaca mulatta* crania. U Oregon Undergraduate Research Symposium, May 14th Eugene, OR.
- 2015 Clarke, K.S., Anderson M., **Eller A.R.**, Simons, E., White, F.J., and S.R. Frost. Morphological signals of stress and socioendocrinology: Comparing measures of cranial fluctuating asymmetry and second to fourth digit ratio in cercopithecids. U Oregon Undergraduate Research Symposium, May 14th Eugene, OR.
- 2015 Arenson, J., Anderson, M., **Eller, A.R.**, Simons, E., White, F., and S.R. Frost. Bergmann's rule in skull size of wild vs. captive *fascicularis* group macaques. U Oregon Undergraduate Research Symposium, May 14th Eugene, OR.
- 2014 Cowden, R., Petrowski, N., **Eller, A.R.**, White, F.J., and S.R. Frost. Comparison of methods in postcranial measurement. American Association of Physical Anthropologists Annual Meeting, Undergraduate Research Symposium—Calgary, Alberta, CA.
- 2013 Oliveria, C., Moore, L., **Eller A.R.**, Frost, S.R., and F.J. White. Evaluating 2D and 3D methods of measuring fluctuating asymmetry of primate skulls. American Association of Physical Anthropologists Annual Meeting, Undergraduate Research Symposium—Knoxville, TN.
- 2012 Atwater A., **Eller A.R.**, Edwards T., Wilks M., Martin D., Bengel A., White F.J.

- and S.R. Frost. Pace of dental eruption in young juvenile *Macaca mulatta*. American Association of Physical Anthropologists Annual Meeting, Undergraduate Research Symposium—Portland, OR.
- 2012** Buckley S., **Eller A.R.**, Walker S., and F.J. White. Pace of early epiphyseal fusion captive *Macaca*. American Association of Physical Anthropologists Annual Meeting, Undergraduate Research Symposium—Portland, OR.
- 2012** Peterson R., **Eller A.R.**, White F.J., and S.R. Frost. Midfacial porosity in *Macaca mulatta* and *fascicularis*: Comparisons of wild and captive populations. American Association of Physical Anthropologists Annual Meeting, Undergraduate Research Symposium—Portland, OR.
- 2012** Oliveira C., **Eller A.R.**, Vermillion D., Moore L., Peterson R., and F.J. White. Dental calculus in captive *Macaca* populations. American Association of Physical Anthropologists Annual Meeting, Undergraduate Research Symposium—Portland, OR.

Awards

- 2011-present** Graduate Teaching Fellowship in Anthropology, University of Oregon.
- 2012** Johnston Award, Dept of Anthropology, University of Oregon.
- 2012** Dept Travel Award, Dept of Anthropology, University of Oregon.
- 2011** Graduate Travel Award, Dept of Anthropology, University of Oregon.
- 2007-08** Graduate Assistantship in Sociology, Middle Tennessee State University.
- 2007** Clayton James Scholarship Recipient, Dept of Sociology and Anthropology Middle Tennessee State University.

Academic Service

- 2015-present** Webmaster, Biological Anthropology Section of AAA.
- 2014-present** Conservation Committee Member, American Society of Primatologists
- 2012-14** Graduate Mentor, Undergraduate-Graduate Research Mentorship Program
- 2011-2016** Lab Manager and Assistant Curator, UO Primate Osteology Laboratory
- 2011-13** Association of Anthropology Graduate Students, Organizing Member.
- 2010-13** University of Oregon Anthropology Website Assistant.