

Chase L. Nuñez

A329 Levine Sciences Research Center
Nicholas School of the Environment
Duke University, Durham, N.C. USA
chasenunez.com • +1-530-448-6817
chasenunez@gmail.com

EDUCATION:

- 2014 - 19 **Duke University**
Ph.D. Ecology
Dissertation: *Forecasted Afrotropical forest responses to climate change diverge from Neotropical predictions with consequences for biodiversity conservation and carbon storage*
Advisors: James S. Clark and John R. Poulsen
- 2009 - 13 **University of California, Davis**
A.B. Evolutionary Anthropology, *summa cum laude*
A.B. Biological Psychology, *cum laude*
Thesis: *A Bayesian joint model of growth and survival for assessing the consequences of differential maternal investment in Macaca mulatta*
Advisors: Katie Hinde and Lynne A. Isbell

PROFESSIONAL POSITIONS:

- 2016 - 19 **Principal Investigator**
Afrotropical Forest Responses to Climate Change (NSF GRF-1106401)
Durham, North Carolina (May. 2016 -)
- 2015 - 16 **Research Associate**
Dr. Thomas Mitchell-Olds, Duke University
Consequences of Complex Trait Variation (NIH-2R01GM086496-05A1)
Durham, North Carolina (May. 2015 - May 2016)
- 2013 - 14 **Field Manager**
Dr. Marina Cords, Columbia University
Life History and Ecology of *C. mitis stuhlmanni* (NSF BCS-1028471)
Kakamega Forest, Kenya (Jun. 2013 - Jun. 2014)
- 2012 - 13 **Staff Research Assistant**
Dr. Karen Bales, University of California, Davis
Long-term Effects of Chronic Intranasal Oxytocin (NICHD 1R01HD071998-01A1)
The Neurobiology of Social Bonding (NICHD 5R01HD053555-04)
Davis, California (Aug. 2012 - Jun. 2013)
- 2011 - 13 **Staff Research Assistant**
Dr. Katie Hinde, Harvard University
Maternal Effects on Offspring Outcomes (NSF BCS-0921978)
Davis, California (Jun. 2011 - Mar. 2013)
- 2011 - 12 **Project Research Assistant**
Dr. Brenda McCowan, UC Davis Veterinary Medicine
Agonism and Retaliation in Chimpanzees
Oakland, California (Mar. 2011 - Jan. 2012)

AWARDS, FELLOWSHIPS & GRANTS:

- 2017 - 18 Mega-Gardeners of Tropical Forest: Modeling Seed Dispersal by Forest Elephants
Bass Connections in Energy and Environment
to J. Poulsen, with A. Gelfand, Justin Wright, et al.
(\$50,000)
- 2017 - 19 Early Career Award
National Geographic Society
to Amelia Meier, with J. Okouyi, and S. Bourgeois
(WW-190ER-17; \$4,839)
- 2014 - 19 Graduate Research Fellowship
National Science Foundation
(NSF GRF-1106401; \$96,000 + cost of education)
- 2014 - 18 Neil Williams Presidential Fellowship
Duke University
(\$77,000 + cost of education)
- 2013 Departmental Citations for Excellence, UC Davis
2013 Departmental Honors, UC Davis
2012, 13 Center for Student Involvement Grant, UC Davis
2012 Nominated to Phi Kappa Phi Honors Society
2010 Undergraduate Scholarship Award, UC Davis
2010 Academic Competiveness Grant, UC Davis
2009 International Order of Odd Fellows Scholarship
2009 Masonic Masters and Brethren Scholarship
2009 Phil Bocks Community Service Scholarship
2009 Northstar at Tahoe Environmental Stewardship Scholarship
2009 Tahoe Mountain Resorts Scholarship

PUBLICATIONS:

- 2017 Poulsen JR, Rosin C, **Nunez CL**, Meier A, Mills E, Koerner S, Blanchard E, Callejas J, Moore S, Sowers M. The Ecological Consequences of Forest Elephant Decline for Afrotropical Forests Conservation Biology. In Press. DOI:10.1111/cobi.13035
- 2015 **Nunez CL**, A Review of Fox, Negrete-Yankelevich, & Sosa's Ecological Statistics: Contemporary Theory and Application. The Botanical Society of America, Plant Science Bulletin 61 (4), ISSN: 0032-0919.
- 2015 **Nunez CL**, Grote MN, Wechsler MS, Allen-Blevins C, and Hinde KJ. Offspring of Primiparous Mothers Do Not Experience Higher Mortality or Poorer Growth: Revisiting the Conventional Wisdom with Archival Records of Rhesus Macaques (*Macaca mulatta*) American Journal of Primatology. DOI:10.1002/ajp.22426.

SELECTED CONTRIBUTED TALKS AND ABSTRACTS:

- 2018 **Chase L. Nuñez**, John R. Poulsen, Connie J. Clark, and James S. Clark; Effects of Hunting and Logging on Tree Fecundity and Seed Dispersal in Afrotropical Forests, *103rd Annual Meeting of the Ecological Society of America*, New Orleans, LA. August [Podium, Published Abstract]
- 2018 James S. Clark, **Chase L. Nuñez**, and Bradley J. Tomasek; Spatio-temporal forecasting pulsed-resource masting and its implications for wildlife, *103rd Annual Meeting of the Ecological Society of America*, New Orleans, LA. August [Podium, Published Abstract]
- 2018 Bradley J. Tomasek, Annabel J. Porté, Fangliang He, Niklaus E. Zimmermann, **Chase L. Nuñez**, Jean-Christophe Domec and James S. Clark; Trait generality in two temperate

forest regions: Do community weighted trait responses to environment translate between continents?, *103rd Annual Meeting of the Ecological Society of America*, New Orleans, LA. August [Podium, Published Abstract]

- 2017 Clark JS, Dunn R, Becheleot B, Gelfand A, Kays R, **Nunez CL**, Schliep E, Taylor D, Tomasek B. Sensitivity and Velocity of Community Reorganization Across NEON: Plants to Insects to Mammals Responding Jointly to Climate Change, *102nd Annual Meeting of the Ecological Society of America*, Portland, OR. August [Podium, Published Abstract]
- 2015 **Nunez CL**. Offspring of Primiparous Mothers Do Not Experience Higher Mortality or Poorer Growth: Revisiting the Conventional Wisdom with Archival Records of Rhesus Macaques (*Macaca mulatta*), *84th Annual Meeting of the American Association of Physical Anthropologists*, St. Louis, MO. March [Poster, Published Abstract]
- 2014 **Nunez CL**. Revisiting Parity Effects of Growth and Survival, *Duke University Evolutionary Anthropology Talk Series*, Durham, NC. October [Podium]
- 2014 **Nunez CL**, Grote MN, Wechsler MS, and Hinde KJ. Sex and Birth Order Predict Juvenile Growth and Survival in Captive Rhesus Macaques (*Macaca mulatta*), *37th Meeting of the American Society of Primatologists* Decatur, GA. September [Podium, Published Abstract]

ACADEMIC SERVICE

- 2014 - **PhD Chair**
University Program in Ecology Executive Council
Duke University
- 2015 - **PhD Chair**
Duke Conservation Society
Duke University
- 2018 - **Ecology PhD Recruitment Chair**
University Program in Ecology
Duke University
- 2018 - **Henry J. Oosting Endowed Lecture Chair**
University Program in Ecology
Duke University
- 2016 - 17 **Nicholas School Elected Representative**
Transportation and Parking Committee
Duke University
- 2016 - 17 **University Program in Ecology Elected Representative**
Graduate and Professional Student Council
Duke University
- 2015 **Duke Elected Representative**
National Association of Graduate and Professional Students
29th Annual National Congress
University of Southern California