
Present position: Assistant Professor, Department of Anthropology, Northwestern University, 1810 Hinman Ave, Evanston, IL 60208

Academic background

2013: PhD in Ecology, Evolution, Conservation Biology, University of Illinois at Urbana-Champaign

2007: B.A. in Biology, Dartmouth College

Professional Experience

2013-2018 : Postdoctoral Research Associate, Department of Anthropology and BioFrontiers Institute, University of Colorado Boulder

2007-2008 : Fulbright Fellow, Institute for International Education, Mexico

2007-2008: National Geographic Young Explorer, Mexico

2004-2006: Behavioral Research Intern, Lester E. Fisher Center for the Study and Conservation of Apes, Lincoln Park Zoo, Chicago

Scientific publications (since 2015, non exhaustive)

Narat, V., K.R. Amato, N. Ranger, M. Salmona, S.M. Delarue, S. Rupp, P. Ambata, R. Njouom, F. Simon, T. Giles-Vernick, J. LeGoff. (2020) A multi-disciplinary comparison of great ape gut microbiota in a central African forest and European zoo. *Scientific Reports*. 10: 19107.

Kuthyar, S.K., M.M. Kowalewski, D.M. Roellig, E.K. Mallott, Y. Zeng, T.R. Gillespie, **K.R. Amato***. (2020) Effects of Anthropogenic Habitat Disturbance and *Giardia duodenalis* Infection on a Sentinel Species' Gut Bacteria. *Ecology and Evolution*.

Amato, K.R., E.K. Mallott[†], D. McDonald, N.J. Dominy, T. Goldberg, J.E. Lambert, L. Swedell, J.L. Metcalf, A. Gomez, G.A.O. Britton, R.M. Stumpf, S.R. Leigh, R. Knight. (2019). Convergence of human and Old World monkey gut microbiomes demonstrates the importance of human ecology over phylogeny. *Genome Biology*. 20(1): 201-213.

Amato, K.R., C.F. Maurice, K. Guillemin, T. Giles-Vernick. (2019) Multi-disciplinary in microbiome research: A challenge and opportunity to rethink causation, variability, and scale. *BioEssays*. 41(10): 1900007.

Amato, K.R., J. Sanders, S.J. Song, M. Nute, J. Metcalf, L.R. Thompson, J.T. Morton, A. Amir, V. McKenzie, G. Humphrey, G. Gogul, J. Gaffney, A. Baden, G. Britton, F. Cuozzo, A. Di Fiore, N. Dominy, T. Goldberg, A. Gomez, M.M. Kowalewski, R. Lewis, A. Link, M. Sautner, S. Tecot, B. White, K. Nelson, R. Stumpf, R. Knight, S. Leigh. (2019) Evolutionary trends in host physiology

outweigh diet in structuring primate gut microbiomes. *ISME Journal*. 13(3): 576-587.

E.K. Mallott, **K.R. Amato** (2018) The microbial reproductive ecology of white-faced capuchins (*Cebus capucinus*). *American Journal of Primatology*. 165(3):576-588.

Amato, K.R. (2016) Incorporating the gut microbiota into models of human and non-human primate ecology and evolution. *Yearbook of Physical Anthropology*. 159: 196-215.

Amato, K.R., R. Martinez-Mota, N. Righini, M. Raguette-Schofield, F.P. Corcione, E. Marini, G. Humphrey, G. Gogul, J. Gaffney⁷, E. Lovelace, L. Williams, A. Luong, M.G. Dominguez-Bello, R.M. Stumpf, B. White, K. Nelson, R. Knight, S.R. Leigh (2016). Phylogenetic and ecological factors impact the gut microbiota of two Neotropical primate species. *Oecologia*. 180(3): 717-733.

Amato, K.R., S.R. Leigh, A.D. Kent, R. Mackie, C.J. Yeoman, R.M. Stumpf, B. A. Wilson, K.E. Nelson, B.A. White, P.A. Garber. (2015). The gut microbiota appears to compensate for seasonal diet variation in the wild black howler monkey. (*Alouatta pigra*). *Microbial Ecology*. 69(2): 434-443.

Scientific grants (since 2015)

2021 : Leakey Foundation Research Grant

2020 : Manulife CIFAR Population Health & Well-being Grant

2020 : NSF (DEB - PCE) EAGER Award

2019 : CIFAR Catalyst Grant

2018 : Leakey Foundation Research Grant (co-PI)

2017 : Wenner-Gren Post-doctoral Award

2017 : Northwestern University Weinberg College Research Innovation Grant

2016-2018 : CIFAR Azrieli Global Scholarship

2015 : Nacey Maggioncalda Foundation

Teaching, supervising of students

3-4 courses per year since 2015 (one per year at graduate level, rest at undergraduate level)

Since 2015, primary advisor of 4 Ph.D. students, Ph.D. committee of 5 students, supervised 20 other students at various levels in research training

Other activities

2021-present : Executive Committee, Northwestern Institute on Complex Systems

2020-present : Editorial Board, *Folia Primatologica*

2019-present : Fellow, CIFAR Humans and the Microbiome Program

2019-present : International Society of Primatology Research Committee

2019-present : Data Science Networking Group co-Leader, Northwestern University

2017-present : President, Midwest Primate Interest Group

2016-present : Associate Editor, *Microbiome* (Impact Factor: 10.903)