

Curriculum Vitae

Shauhin Alavi

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Education

Present: PhD Candidate – Department of Anthropology
Rutgers, The State University of New Jersey
Graduate Advisor: Dr. Erin Vogel

2016: Masters in Anthropology
Rutgers, The State University of New Jersey

2010: Bachelors in Anthropology
University of California, Davis

Research Interests

Behavioral ecology, evolution, energetics, nutritional ecology, spatial modeling and animal movement, cognitive mapping, plant animal interactions, nutrient cycling, ecophysiology, biotelemetry, speciation, parasitology, conservation biology.

Publications

- Vogel, E.R., Kivai, S., & **Alavi, S.** (2018). Foraging strategies. *The International Encyclopedia of Biological Anthropology*, Wenda Trevathan (ed). John Wiley and Sons, Inc. (In press).
- Vogel, E.R., Kivai, S., & **Alavi, S.** (2017). Foraging Strategies. *The International Encyclopedia of Primatology*. 1–9.
- Vogel, E.R., **Alavi, S.E.**, Utami-Atmoko, S.S., van Noordwijk, M.A., Bransford, T.D., Erb, W.M., Zulfa, A., Sulisty, F., Farida, W.R., Rothman, J.M. (2016). Nutritional ecology of wild Bornean orangutans (*Pongo pygmaeus wurmbii*) in a peat swamp habitat: Effects of age, sex, and season. *American Journal of Primatology*, 1–20, DOI: 10.1002/ajp.22618
- Marzec, M.A., Kunz, J.A., Falkner, Utami-Atmoko, S.S., **Alavi, S.E.**, Moldawer, A.M., Vogel, E.R., Schuppli, C., van Schaik, C.P., van Noordwijk, M.A., (2016). The dark side of the red ape: Male-mediated lethal female competition in Bornean orangutans. *Behavioral Ecology and Sociobiology*, 70(4), 459–466
- Vogel, E.R., Harrison, M.E., Zulfa, A., Bransford, T.D., **Alavi, S.E.**, Husson, S., Morrogh-Bernard, H., Santiano, Firtsman, T., Utami-Atmoko, S.S., van Noordwijk, M.A., Farida W.R., (2015). Nutritional differences between two orangutan habitats: implications for population density. *PLoS One*. 10(10):e0138612

Conference Presentations and Posters

Alavi, S.E., Utami Atmoko, S.S., Dinju, M., Vogel, E.R. Nutrient limitation and orangutan facilitated nutrient recycling in a peat swamp habitat. 2nd meeting of the Northeastern Evolutionary Primatologists, Hunter College, 2016

Blackburn, A., **Alavi, S.E.**, Lady, P., Rivandi., Vogel, E.R., Knott, C.D. Seed dispersal effectiveness in two populations of Bornean orangutans (*Pongo pygmaeus wurmbii*). 2nd meeting of the Northeastern Evolutionary Primatologists, Hunter College, 2016

Alavi, S.E., Blackburn, A., Betancourt, I., Mitra Setia, T., van Noordwijk, M.A., Raubenheimer, D., Vogel, E.R. Variation in spatial movement as it relates to nutritional balancing in Bornean orangutans (*Pongo Pygmaeus Wurmbii*) in a peatland habitat. The 26th Congress of the International Primatological Society, Chicago, 2016

Vogel, E.R., Rothman, J.M., **Alavi, S.E.**, Bransford, T.D., Utami Atmoko, S.S., Erb, W.M., van Noordwijk, M.A., Raubenheimer, D. Different to be the same: Individual variation in diet among wild Bornean orangutans (*Pongo Pygmaeus Wurmbii*) in a peatland habitat reflects regulation of macronutrient balance. The 26th Congress of the International Primatological Society, Chicago, 2016

Blackburn, A., **Alavi, S.E.**, Knott, C.D. Fruiting synchrony as a foraging strategy in Bornean orangutans (*Pongo Pygmaeus Wurmbii*). The 26th Congress of the International Primatological Society, Chicago, 2016

Bransford, T.D., **Alavi, S.E.**, Moldawer, A.M., Marpuang, F.O., Utami Atmoko, S.S., van Noordwijk, M.A., Vogel, E.R. The Importance of Edge: Bornean Orangutan Resource Use in a Transitional Habitat. 34th International Ethological Conference, Australia, 2015

Alavi, S.E., Mitra Setia, T., van Noordwijk, M. A., Vogel, E. R. An analysis of tree growth in a Bornean peat swamp: Implications for Orangutan Conservation. The 25th Congress of the International Primatological Society, Vietnam, 2014

Crofoot, M.C., Kays, R., **Alavi, S.**, Wikelski, M. Democracy or despotism? How do baboons decide? 83rd Meeting of the American Association of Physical Anthropologists, Calgary, CA. 2014.

Internships, Fellowships, and Grants

2016	NSF Doctoral Dissertation Research Improvement Grant	\$31,000
2014	Center for Human Evolutionary Studies: Zelnick Award	\$2,050
2014	International Primatological Society Research Grant	\$1,500
2014	Bigel Endowment Award for Graduate Research	\$2,000
2013	Bigel Endowment Award for Graduate Research	\$1,400
2013	Center for Human Evolutionary Studies Small Grant	\$1,000
2012	Graduate Student Diversity Fellowship	\$21,000
2012	Smithsonian Tropical Research Institute: Internship Award	\$2,400

Teaching Experience

2016	Teaching Assistant	Introduction to Human Evolution
2015	Part Time Lecturer	Extinction
2013	Teaching Assistant	Introduction to Human Evolution
2013-2014	Teaching Assistant	Tuanan Primate Ecology and Conservation Field School

Research Experience

2014-2015	Nutrients in and nutrients out: diet, cognition, and nutrient cycling in orangutan habitats <i>Tuanan Biological Research Station, Central Kalimantan, Indonesia</i>
2013	Determining nutrient limitation and nutrient cycling in orangutan habitats (Dissertation pilot under Dr. Erin Vogel)

- 2012 *Tuanan Biological Research Station, Central Kalimantan, Indonesia*
Democracy or despotism? How do baboons decide?
(Assisted Dr. Margaret Crofoot)
- 2012 *Smithsonian Tropical Research Institute, Mpala Research Center, Kenya*
Parasite intensity and diversity of Mpala baboons
(Smithsonian internship under Dr. Margaret Crofoot)
- 2011 *Smithsonian Tropical Research Institute, Mpala Research Center, Kenya*
Electroencephalographic measures of sleep in wild frigate birds
(Assisted Bryson Voirin)
- 2010-2011 *Smithsonian Tropical Research Institute, Isla Iguana, Panama*
The impact of seasonal variation on the reproductive behavior and physiology of female spider monkeys (*Ateles geoffroyi*)
(Assisted Dr. Christina Campbell and Stephanie Ramirez)
- 2010 *Smithsonian Tropical Research Institute, Barro Colorado Island, Panama*
Chinese vs Indian: Behavioral differences between pedigrees among rhesus macaques (*Macaca mulatta*)
(Undergraduate research project under Dr. Lynne Isbell)
- 2010 *California National Primate Research Center, Davis CA*
Model for carrying capacity
(Undergraduate research project under Dr. Andrew Marshall)
- 2010 *The University of California, Davis*
Internal surrogate study
(Assisted Casey Hogrefe)
- 2009-2010 *California National Primate Research Center, Davis CA*
Influence of prenatal iron deficiency on rhesus monkeys
(Assisted Dr. Mari Golub and Casey Hogrefe)
- 2009 *California National Primate Research Center, Davis CA*
Excavation: Roc de Combe Capelle and Abri Peyrony
(Assisted Dr. Shannon McPherron)
- Max Planck Institute for Evolutionary Anthropology, Dordogne, France*

Media and Outreach

2016 JASON Learning: JASON STEM Role Model Q&A
https://www.youtube.com/watch?v=WO_NnIYhiA4

2015 Untamed Science: Who Decides Where A Baboon Troop Goes and Why That Even Matters
<https://www.youtube.com/watch?v=O4o2m6o2IK4>

2012 Untamed Science: How to Track a Baboon
<http://www.untamedscience.com/blog/track-baboons/>

2011 Engaging Students in the Science of Tropical Ecology
<http://www.youtube.com/watch?v=KPO4-VUOtO8>

Other

2016 Untamed Science online encyclopedia entry: Primates
<http://www.untamedscience.com/order/primates/>