JEFFREY VANCE PETERSON

CURRICULUM VITAE

Postdoctoral Fellow
Department of Anthropology
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EDUCATION

2019	Ph.D.	Department of Anthropology, University of Notre Dame Advisor: Dr. Agustín Fuentes
2012	M.A.	Department of Anthropology, San Diego State University Advisor: Dr. Erin P. Riley
2008	B.A.	Department of Anthropology, University of Illinois Dean's List: Spring 2007; Fall 2007

GRANTS, FELLOWSHIPS AND AWARDS

2017	National Geographic Society: Waitt Grant ($14,724.00): Funded my dissertation research project on long-tailed macaque social behavior.
2017	Graduate Student Research Award, Institute for Scholarship in the Liberal Arts, University of Notre Dame ($4,000): Funded part of my dissertation research.
2016	Graduate Student Research Award, Institute for Scholarship in the Liberal Arts, University of Notre Dame ($4,000): Funded a three month pilot study for dissertation research.
2015	Pollitzer Student Travel Award, American Association of Physical Anthropologists ($500)
2014-2019	Presidential Fellowship, University of Notre Dame ($7,000 per year)
2014	Irwin Press Fellowship, Department of Anthropology, University of Notre Dame
2011	Norton Allen Scholarship, San Diego State University ($500)
2010	Fulbright U.S. Student Award ($18,100): Funded ten months of research in Indonesia to study the relationship between Balinese transmigrants and local macaque populations.
2010	Fulbright Critical Language Enhancement Award ($4,680): Funded three months of language study to learn *Bahasa Indonesia* in Yogyakarta, Indonesia

PUBLICATIONS

Peer-Reviewed Journal Articles

Peterson, J.V., Thornburg, A.M., Kissel, M., Ball, C., and Fuentes, A. (2018). Semiotic Mechanisms Underlying Niche Construction. *Biosemiotics*, 11(2): 181-198.

Peterson, J.V. (2016). Deception in Alloanimal Behavior. *Semiotics 2015: Virtual Identities*, 215-222.

Peterson, J.V., Riley, E.P., and Oka, N.P. (2015). Macaques and the Ritual Production of Sacredness Among Balinese Transmigrants in South Sulawesi, Indonesia. *American Anthropologist*, 117(1): 71-85.

Polk, J.D., Williams, S.A., **Peterson, J.V.**, Roseman, C., & Godfrey, L.R. (2010). Subchondral Bone Apparent Density and Locomotor Behavior in Extant Primates and Subfossil Lemurs *Hadropithecus* and *Pachylemur*. *International Journal of Primatology*, 31(2): 275-299.

Polk, J.D., Williams, S.A., & **Peterson, J.V.** (2009). Body Size and Joint Posture in Primates. *American Journal of Physical Anthropology*, 140: 359-67.

Book Chapters

Peterson, J.V. (2017). Primates in World Religions. In A. Fuentes (Ed.), *The International Encyclopedia of Primatology, v. III P-Z* (pp. 1171-1177). Wiley.

Peterson, J.V. (2017). Tri Hita Karana. In A. Fuentes (Ed.), *The International Encyclopedia of Primatology, v. III P-Z* (pp. 1398-1400). Wiley.

Peterson, J.V., & Riley, E.P. (2017). Sacred Monkeys?: An Ethnographic Perspective on Macaque Sacredness in Balinese Hinduism. In K. Dore, E. P. Riley & A. Fuentes (Eds.), *Ethnoprimatology: A Practical Guide to Research on the Human-Nonhuman Primate Interface* (pp. 206-218). Cambridge: Cambridge University Press.

Peterson, J.V. (2017). Semiotic Communication in Nonhuman Primates. In S. Blum (Ed.), *Making Sense of Language: Readings in Culture and Communication* (pp. 37-42). Oxford University Press.

Fuentes, A., Kissel, M., **Peterson, J.V.** (2017). Semiose in der Evolution von Primaten und Menschen. In: Ulrich Beuttler, Hansjörg Hemminger, Markus Mühling, Martin Rothgangel (ed.). *Geschaffen nach ihrer Art: Was unterscheidet Tiere und Menschen?* Jahrbuch Karl-Heim-Gesellschaft 30, Frankfurt/M.: Verlag Peter Lang

Fuentes, A., Cortez, A.C., & **Peterson, J.V.** (2016). Ethnoprimatology and Conservation: Applying Insights and Developing Practice. In Michel Waller (Ed.), *Ethnoprimatology: Primate Conservation in the 21st Century*. Developments in Primatology: Progress and Prospects Series (pp. 1-19). New York: Springer.

Peterson, J.V., & Riley, E.P. (2012). *Monyet Yang Dihargai, Monyet Yang Dibenci:* The Human-Macaque Interface in Indonesia. In S. Radhakrishna, M. A. Huffman & A. Sinha (Eds.), *The Macaque Connection: Cooperation and Conflict Between Humans and Macaques* (pp. 149-166). New York: Springer.

Articles in Preparation

Peterson, J. V., Fuentes, A., and Wandia, N. (in prep.). Social Stepping Stones: Bonding Through Stone Handling Among Sub-Adult Male Long-Tailed Macaques

Peterson, J. V., Fuentes, A., and Wandia, N. (in prep.). Individual Variation in Robbing and Bartering by Long-Tailed Macaques at *Uluwatu*, Bali.

Peterson, J. V., Fuentes, A., and Wandia, N. (in prep.). Male-Male Affiliation Varies Between Populations in Subadult Long-Tailed Macaques.

TEACHING EXPERIENCE

Instructor of Record, University of Notre Dame

2020	Primate Behavioral Ecology: Spring
2019	Introduction to Human Ethology: Fall
	Humans and Other Primates: Fall
	Fundamentals of Biological Anthropology: Summer

Instructor of Record, San Diego State University
2013-2014 Human Biocultural Origins (online): 5 terms

Teaching Assistant, University of Notre Dame
2018 Introduction to Human Ethology: Fall
2015 Fundamentals of Biological Anthropology: Fall

Teaching Assistant, San Diego State University
2012 Human Biocultural Origins: 1 term
2010 Introduction to Physical Anthropology: 1 term
2009-2012 Exploring Primate Behavior: 3 terms
2009 Dynamics in Biocultural Diversity: 1 term
2008 Cultures Around the Globe: 1 term

CONFERENCE PRESENTATIONS (*TRAVEL AND/OR SUBSISTENCE COVERED BY HOST)

Sessions Chaired and/or Organized

2018 Cortez, A.D. and **Peterson, J.V.** "Untangling the Encounter: Methodological Approaches to Multispecies Ethnography" 117th Annual Meeting of the American Anthropological Association, San Jose, CA, November.

Podium Presentations

2019 **Peterson, J.V.** and Fuentes, A. "Exchange Behavior during Spontaneous Robbing and Bartering by Free-Ranging Long-Tailed Macaques in Bali, Indonesia" 42nd meeting of the American Society of Primatologists, Madison, WI, August.

2019 **Peterson, J.V.** and Fuentes, A. "Individual Variation in Long-Tailed Macaque (Macaca fascicularis) 'Robbing and Bartering' Practices at Uluwatu Temple, Bali" 88th Annual Meeting of the American Association of Physical Anthropology, Cleveland, OH, March.

2018 **Peterson, J.V.** and Fuentes, A. "Monkey Bandits at a Balinese Temple: Establishing Agency in Multispecies Encounters" 117th Annual Meeting of the American Anthropological Association, San Jose, CA, November.

2018 **Peterson, J.V.** and Fuentes, A. "Social Stepping Stones: Bonding Through Stone Handling Among Sub-Adult Male Long-Tailed Macaques" Midwest Primate Interest Group, Bloomington, IN, October.

2018 **Peterson, J.V.** and Fuentes, A. "Cultural Variation in Social Object Manipulation between Two Long-Tailed Macaque Populations in Bali, Indonesia." 87th Annual Meeting of the American Association of Physical Anthropology, Austin, TX, April.

2016 **Peterson, J.V.** and Fuentes, A. "Network Positionality and Social Interaction Among Sub-Adult Male Long-Tailed Macaques (*Macaca fascicularis*) in Bali, Indonesia." Midwest Primate Interest Group, Allendale, MI, October.

2016 **Peterson, J.V.** "Imagination and Mediation: The Human Semiotic Niche." Notre Dame Institute for Advanced Study, Templeton Workshop, March.*

2015 **Peterson, J.V.** "Deception in Alloanimal Behavior." Semiotic Society of America, Pittsburgh, PA, October.

2014 **Peterson, J.V.** "Macaque Sacredness Among Balinese Transmigrants in South Sulawesi, Indonesia." Midwest Primate Interest Group, Madison, WI, October.

2012 **Peterson, J.V.** "Exploring Balinese Transmigrants' Perceptions of Macaque Sacredness in South Sulawesi, Indonesia." SDSU Student Research Symposium, March.

Poster Presentations

2017 **Peterson, J.V.** and Fuentes, A. "Individual Social Strategies Vary in Relation to Network Position Among Sub-Adult Male Long-Tailed Macaques." 86th Annual Meeting of the American Association of Physical Anthropology, New Orleans, LA, April.

2016 **Peterson, J.V.** and Fuentes, A. "A Preliminary Analysis of Differences in Grooming Networks Between Two Long-Tailed Macaque (*Macaca fascicularis*) Groups in Bali, Indonesia." Joint 26th Congress of the International Primatological Society and 39th meeting of the American Society of Primatologists, Chicago, IL, August.

2016 **Peterson, J.V.** and Fuentes, A. "Social Network Analysis of Stone Handling and Object Manipulation among Long-Tailed Macaques (*Macaca fascicularis*) in Bali, Indonesia: A Preliminary Analysis." 85th Annual Meeting of the American Association of Physical Anthropology, Atlanta, GA, April.

2015 **Peterson, J.V.** and Fuentes, A. "Stone Handling and Object Manipulation as Social Passports Among Long-Tailed Macaques (*Macaca fascicularis*) in Bali, Indonesia: A Preliminary Analysis." Midwest Primate Interest Group, St. Louis, MO, October.

2015 **Peterson, J.V.** "Macaques and the Ritual Production of Sacredness Among Balinese Transmigrants in South Sulawesi, Indonesia." 84th Annual Meeting of the American Association of Physical Anthropology, St. Louis, MO, March.

2008 Polk, J.D. and **Peterson J.V.** "Sexual Dimorphism, Body Size, and Joint Posture in Primates." 77th Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH, April.

RESEARCH EXPERIENCE

2017-2018 Dissertation Research, PhD Project, University of Notre Dame

Primary Investigator, 11 months. I studied the social behavior of sub-adult males from four groups of long-tailed macaques in Bali, Indonesia. These data will be analyzed to understand how sub-adult males navigate their social environments during this life history stage, including social relationships, exhibiting local cultural behaviors, and transferring out of their natal group.

2016 Pilot Study, PhD Project, University of Notre Dame

Primary Investigator, 3 months. I conducted an observational study of sub-adult male long-tailed macaques at two sites in Bali, Indonesia. Data collection focused on their social interactions to inform social network analyses, which was expanded upon in subsequent dissertation research.

2015 Preliminary Observations, PhD Project, University of Notre Dame

Primary Investigator, 2 months. I observed the behavior of long-tailed macaques at two sites in Bali and became familiarized with the local ecological and social landscapes. This work was in preparation for a pilot study that informed my future dissertation research.

2010-2011 Master's Field Research, San Diego State University

Primary Investigator, 10 months. I investigated perceptions of macaque sacredness among Balinese transmigrants in South Sulawesi, Indonesia to understand the effects of migration on human-nonhuman primate relations.

2009-2010 San Diego Zoo Global
Research Assistant to Dr. Chia Tan, 11 months. I transcribed vocalization patterns of the endangered Sichuan Golden Snub-nosed Monkey using Raven: Interactive Sound Analysis software.

2007-2008 University of Illinois, Urbana-Champaign
Research Assistant to Dr. John Polk, 12 months. I analyzed patterns of femoral subchondral bone density and evaluated models for sexual dimorphism in joint posture in a broad sample of primates. This research was funded by a **National Science Foundation – Research Experiences for Undergraduates Grant**, with Dr. John Polk as the Principal Investigator.

2007 University of Illinois, Urbana-Champaign
Independent Study, 5 months. I cataloged bone sets and recorded measurements of them using DICOM, Amira, and Landmark computer programs.

2005-2006 *La Suerte* Biological Research Center, Costa Rica
University of Illinois, Urbana-Champaign Field School, 1 month. I studied the diet and behavior of wild capuchin monkeys, culminating in an unpublished article summarizing my research.

SERVICE

2015-2016 Director, Brown Bag Lunch Symposium Series
Department of Anthropology, University of Notre Dame; One academic year.
Organized and instituted this symposia series in which graduate students and faculty presented recent work to their departmental colleagues.

2015-2016 Graduate Student Representative, Graduate Admissions & Curriculum Committee
Department of Anthropology, University of Notre Dame; One academic year.

2009-2010 Treasurer, Anthropology Graduate Student Association
Department of Anthropology, San Diego State University; One academic year.
Co-organized and instituted Student Travel Fund to help with expenses for graduate student conference travel.

PROFESSIONAL AFFILIATIONS

American Association of Physical Anthropologists (AAPA)
American Anthropological Association (AAA)
American Society of Primatologists (ASP)

LANGUAGE SKILLS

English: Native fluency
Indonesian: Fluent in speaking, reading, and writing
Balinese: Conversational

REFERENCES

Dr. Agustín Fuentes
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Dr. James McKenna
Dean's Executive Professor
Department of Anthropology
Santa Clara University
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Teaching Reference
Dr. Felipe Fernández-Armesto
William P. Reynolds Professor of History
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