

# JEFFREY VANCE PETERSON

## CURRICULUM VITAE

Visiting Assistant Teaching Professor  
Department of Anthropology  
University of Notre Dame

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## EDUCATION

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- 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

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- 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

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### *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 21<sup>st</sup> 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 review). Male-Male Affiliation Varies Between Populations in Subadult Long-Tailed Macaques.

## **TEACHING EXPERIENCE**

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*Instructor of Record, University of Notre Dame*

2020	Primate Behavioral Ecology: Fall
	Introduction to Human Ethology: Fall
	Fundamentals of Biological Anthropology: Summer
	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: Fall

2010 Introduction to Physical Anthropology: Fall

2009-2012 Exploring Primate Behavior: 3 terms

2009 Dynamics in Biocultural Diversity: Fall

2008 Cultures Around the Globe: Fall

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

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*Sessions Chaired and/or Organized*

2018 Cortez, A.D. and **Peterson, J.V.** “Untangling the Encounter: Methodological Approaches to Multispecies Ethnography” 117<sup>th</sup> 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” 42<sup>nd</sup> 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” 88<sup>th</sup> 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” 117<sup>th</sup> 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.” 87<sup>th</sup> 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.” 86<sup>th</sup> 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.” 85<sup>th</sup> 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.” 84<sup>th</sup> 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.” 77<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH, April.

**RESEARCH EXPERIENCE**

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- 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**

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- 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**

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

## **LANGUAGE SKILLS**

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

## REFERENCES

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Dr. Agustín Fuentes  
Edmund P. Joyce C.S.C. Professor  
Department of Anthropology  
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Dr. James McKenna  
Dean's Executive Professor  
Department of Anthropology  
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### *Teaching Reference*

Dr. Felipe Fernández-Armesto  
William P. Reynolds Professor of History  
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