

James Holland Jones

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1 Education

Ph.D., Anthropology, Harvard University, Cambridge, Massachusetts. 2000.
A.M., Anthropology, Harvard University, Cambridge, Massachusetts. 1994.
B.A., Anthropology and Biology, New College, Sarasota, Florida. 1991.

2 Research interests

Anthropology Human ecology, demography and life history theory, ecology of infectious disease, risk and decision science, social networks, ethological measurement

Demography & Epidemiology Biodemography, infectious disease epidemiology, social networks, nonhuman primate demography, historical demography, demographic microsimulation, kinship, global health

Quantitative Methods Statistical inference, network analysis, computer simulation, Bayesian statistics, event-history analysis, R, Mathematica, MATLAB

3 Professional Positions

Current Positions

2010- Associate Professor, Department of Anthropology, Stanford University, Stanford, California.
2010- Senior Fellow, Woods Institute for the Environment, Stanford University.
2013- Senior Scientist in Ecosystems and the Environment, Imperial College, London.

Other Affiliations

2011- Resident Fellow, Arroyo House, Stanford University.
2007- Faculty Affiliate of the Stanford Center on Longevity, Stanford University.
2004- Faculty Affiliate, Center for Human and Primate Reproductive Ecology, Yale University.

2003- Faculty Associate, Center for Economics and Demography of Aging, University of California, Berkeley.

Past Positions

2009-2013 Director, Methods of Analysis Program in the Social Sciences (MAPSS), Stanford University.

2007-2010 Assistant Professor, Department of Anthropology, Stanford University, Stanford, California.

2007-2010 Fellow, Woods Institute for the Environment, Stanford University.

2003-2007 Assistant Professor, Department of Anthropological Sciences, Stanford University, Stanford, California.

2002-2003 Research Scientist, Center for Studies in Demography and Ecology, University of Washington.

2001-2003 Post-Doctoral Affiliate, Center for Statistics and the Social Sciences, University of Washington.

2001-2002 Senior Fellow, Allergy and Infectious Diseases, University of Washington Medical School, Seattle, Washington.

2001-2002 Research Fellow, Center for Studies in Demography and Ecology, University of Washington.

2000-2001 Lecturer, Department of Anthropology, Harvard University.

1998-2001 Assistant Senior Tutor, Fellowships. Mather House, Harvard College.

1997-2001 Resident Tutor in Biology and Anthropology. Mather House, Harvard College.

1992-1999 Teaching Fellow, Department of Anthropology, Harvard University.

1995-1996 Fulbright Scholar, Indonesian Institute of Science (LIPI) and Subdirector of Conservation and Park Management, Department of Forestry (PHPA), Indonesia.

1994 Research Assistant, Department of Animal Science, Corvallis, Oregon.

1992 Archaeologist, Archaeological Consultants Inc., Sarasota, Florida.

1991-1992 Archaeologist, Ecology and Environment Inc., Tallahassee, Florida.

1990 Scientific Research Intern, Division of Ecological Monitoring, Natural Resources Department, Sarasota, Florida.

4 Publications

Books

Jones, J.H. (2014) *Human Ecology: Adaptations to Variable Environments*. Princeton: Princeton University Press (under contract).

Peer-Reviewed

Paige, S.B., S.D.W. Frost, M.A. Gibson, J.H. Jones, T.L. Goldberg. (2014) Beyond Bushmeat: Animal Contact, Injury, and Zoonotic Disease Risk in Western Uganda. *EcoHealth*, in press. (doi:10.1007/s10393-014-0942-y)

- Richardson, E.T., S.E. Collins, T. Kung, J.H. Jones, K.H. Tram, L.-G. Bekker, A. Zolopa. (2014) Gender Inequality and HIV Transmission: A Global Analysis. *Journal of the International AIDS Society*, in press.
- Jones, J.H. and R.B. Bird. (2014) The Marginal Valuation of Fertility. *Evolution and Human Behavior*. 35(1): 65-71. ([doi:10.1016/j.evolhumbehav.2013.10.002](https://doi.org/10.1016/j.evolhumbehav.2013.10.002))
- Hosseini, P.R., T. Fuller, R. Harrigan, D. Zhao, C.S. Arriola, A. Gonzalez, M.J. Miller, X. Xiao, T.B. Smith, J.H. Jones, P. Daszak. (2013) Metapopulation Dynamics Enable Persistence of Influenza, Including A/H5N1, in Poultry. *PLoS ONE*. 8(12):e80091. ([doi:10.1371/journal.pone.0080091](https://doi.org/10.1371/journal.pone.0080091))
- Ryan, S.J., A.P. Dobson, and J.H. Jones. (2013) The Effects of Contact Structure, Demography and Movement on Disease Transmission Within a Primate Metapopulation. *PLoS ONE*. 8(10): e76863. ([doi:10.1371/journal.pone.0076863](https://doi.org/10.1371/journal.pone.0076863))
- Jones, J.H., R.B. Bird, and D.W. Bird. (2013) To Kill a Kangaroo: Understanding the Decision to Pursue High-Risk/High-Gain Resources. *Proceedings of the Royal Society of London, B*. 280: 20131210. ([doi:10.1098/rspb.2013.1210](https://doi.org/10.1098/rspb.2013.1210))
- Salkeld, D.J., Padgett, K.A., J.H. Jones. (2013) A meta-analysis suggesting that the relationship between biodiversity and risk of zoonotic pathogen transmission is idiosyncratic. *Ecology Letters*. 16(5): 679-686. ([doi:10.1111/ele.12101](https://doi.org/10.1111/ele.12101))
- Janes, C., K. Corbett, J.H. Jones, J. Trostle. (2012) The role of social sciences in predicting and responding to emerging zoonotic diseases. *The Lancet*. 380(9857): 1884-1886. ([doi:10.1016/S0140-6736\(12\)61725-5](https://doi.org/10.1016/S0140-6736(12)61725-5))
- Cárcamo, C. P., P. E. Campos, P. J. Garca, J. P. Hughes, G. P. Garnett, and K. K. Holmes, A. Bernabe-Ortiz, C. Buendia, F. Canchihuaman, M. Chiappe, A. Cotrina, J. Gomez, S. La Rosa, P. Segura, M. Valderrama, A. L. Buffardi, J. H. Jones, P. Kohler, C. Mejia, M. Morris, K. K. Thomas, W. L. H. Whittington, A. M. Xet-Mull, E. Hall, F. Jones, P. White, G. Quinte, J. Evangelista, J. Carlos Lara, J. Tataje, L. Lopez-Torres, K. Vidarte. (2012). Prevalences of sexually transmitted infections in young adults and female sex workers in Peru: A national population-based survey. *The Lancet Infectious Diseases*. 12 (10):765-773. ([doi:10.1016/S1473-3099\(12\)70144-5](https://doi.org/10.1016/S1473-3099(12)70144-5))
- Jones, J.H. (2011) Primates and the Evolution of Long-Slow Life Histories. *Current Biology*. 21(18): R708-R717. ([doi:10.1016/j.cub.2011.08.025](https://doi.org/10.1016/j.cub.2011.08.025))
- Salathé, M., M. Kazandjieva, J. W. Lee, M.P. Levis, W. Feldman, and J. H. Jones (2010) A High-Resolution Human Contact Network for Infectious Disease Transmission. *Proceedings of the National Academy of Sciences*. 107(51): 22020-22025. ([doi:10.1073/pnas.1009094108](https://doi.org/10.1073/pnas.1009094108))
- Rudicell, R. S., J. H. Jones, E. E. Wroblewski, G. H. Learn, Y. Li, J. D. Robertson, E. Greengrass, F. Grossmann, S. Kamenya, L. Pintea, D. C. Mjungu, E. V. Lonsdorf, A. Mosser, C. Lehman, D. A. Collins, B. F. Keele, J. Goodall, B. H. Hahn, A. E. Pusey, and M.

- L. Wilson. (2010) Impact of Simian Immunodeficiency Virus Infection on Chimpanzee Population Dynamics. *PLoS Pathogens*. 6 (9):e1001116. (doi:10.1371/journal.ppat.1001116)
- Salkeld, D.J., M. Salathé, P. Stapp, J.H. Jones. (2010) Plague Outbreaks in Prairie Dog Populations: Percolation Thresholds of Alternate Host Abundance Explain Epizootics. *Proceedings of the National Academy of Sciences, USA*, 107(32): 14247-14250. (doi:10.1073/pnas.1002826107).
- Jones, J.H., M.L. Wilson, C. Murray, and A.E. Pusey. (2010) Phenotypic Quality Influences Fertility in Gombe Chimpanzees. *Journal of Animal Ecology*. 79(6): 1262-1269. (doi:10.1111/j.1365-2656.2010.01687.x).
- Salathé, M. and J.H. Jones. (2010) Dynamics and Control of Diseases in Networks with Community Structure. *PLoS Computational Biology*. 6(4): e1000736. (doi:10.1371/journal.pcbi.1000736).
- Kazandjieva, M.A., J. W. Lee, M. Salathé, M. W. Feldman, J. H. Jones, and P. Levis. (2010) [Measuring a Human Contact Network for Epidemiology Research](#). *Proceedings of the 6th Workshop on Hot Topics in Embedded Networked Sensors*.
- Hacker, J.D., L.R. Hilde and J.H. Jones. (2010) The Impact of the American Civil War on Southern Marriage Patterns. *Journal of Southern History*, LXXVI(February): 1-32.
- Jones, J.H. and M. Salathé. (2009) Early Assessment of Anxiety and Behavioral Response to Influenza A(H1N1). *PLoS ONE*, 4(12): e8032. (doi:10.1371/journal.pone.0008032).
- Keele*, B.F., J. H. Jones*, K. A. Terio*, J. D. Estes*, R. S. Rudicell*, M. L. Wilson*, Y. Li, G. H. Learn, T. M. Beasley, J. Schumacher-Stankey, E. Wroblewski, A. Mosser, J. Raphael, S. Kamenya, E. V. Lonsdorf, J. G. Else, G. Silvestri, J. Goodall, P. M. Sharp, G. M. Shaw, A. E. Pusey and B. H. Hahn. (2009) Increased Mortality and AIDS-like Immunopathology in Wild Chimpanzees Infected with SIVcpz. *Nature*, 460: 515-519. (doi:10.1038/nature08200).
*=authors contributed equally.
- Jones, J.H. (2009) The Force of Selection on the Human Life Cycle. *Evolution and Human Behavior*, 30(5): 305-314. (doi:10.1016/j.evolhumbehav.2009.01.005).
- Jones, J.H. and B.D. Ferguson. (2009) Demographic and Social Predictors of Intimate Partner Violence in Colombia: A Dyadic Power Perspective. *Human Nature*, 20(2): 184-203. (doi:10.1007/s12110-009-9064-6)
- Bliege Bird, R., D.W. Bird, B.F. Coddig, C.H. Parker and J.H. Jones. (2008) Anthropogenic Fire Mosaics, Biodiversity and Australian Aboriginal Foraging Strategies: A Test of the “Fire Stick Farming” Hypothesis. *Proceedings of the National Academy of Sciences, USA*, 105(39): 14796-14801. (doi:10.1073/pnas.0804757105)
- Emery Thompson, M., J.H. Jones, A.E. Pusey, S. Brewer-Marsden, J. Goodall, D. Marsden, T. Matsuzawa, T. Nishida, V. Reynolds, Y. Sugiyama, and R.W. Wrangham. (2007) Aging and Fertility in Wild Chimpanzees: Implications for Evolution of Menopause. *Current Biology*, 17(24): 1-7. (doi:10.1016/j.cub.2007.11.033)

- Jones, J.H. (2007) demogR: A Package for the Construction and Analysis of Age-Structured Demographic Models in R. *Journal of Statistical Software*, 22(10): 1-28.
- Jones, J.H. and B.D. Ferguson (2006) Excess Male Death Leads to a Severe Marriage Squeeze in Colombia, 1973-2005. *Social Biology*, 53(3-4): 140-151.
- Handcock, M.S. and J.H. Jones. (2006) Interval Estimates for Epidemic Thresholds in Two-Sex Network Models. *Theoretical Population Biology*. 70(2): 125-134.
- Jones, J.H. (2005) Fetal programming: Adaptive Life-History Tactic or Making the Best of a Bad Start? *American Journal of Human Biology*, 17(1): 22-33.
- Handcock, M.S. and J.H. Jones. (2004) Likelihood-Based Inference for Stochastic Models of Sexual Network Evolution. *Theoretical Population Biology*, 65: 413-422.
- Jones, J.H. and M.S. Handcock. (2003a) Sexual Contacts and Epidemic Thresholds. *Nature*. 423: 605-606.
- Jones, J.H. and M.S. Handcock. (2003b) An Assessment of Preferential Attachment as a Mechanism for the Growth of Human Sexual Networks. *Proceedings of the Royal Society of London, B*. 270: 1123-1128.
- Wrangham, R.W., J.H. Jones, G. Laden, D. Pilbeam, and N. Conklin-Brittain. (1999) The Raw and the Stolen: Cooking and the Ecology of Human Origins. *Current Anthropology*. 40(5): 567-594.
- Bercovitch, F.B., M.D. Hauser, and J.H. Jones. (1995) The Endocrine Stress Response and Alarm Vocalizations in Rhesus Macaques. *Animal Behaviour*. 49: 1703-1706.

Book Chapters

- Jones, J.H. (2010) Demography. In: *Human Evolutionary Biology*, Muehlenbein, M, ed. Cambridge: Cambridge University Press. pp. 74-91.
- Jones, J.H. (2008) Culture for Epidemic Models and Epidemic Models for Culture. In M. Brown, ed., *Explaining Culture Scientifically*, Seattle: University of Washington Press. pp. 117-136.
- Nishida, T. R.W. Wrangham, J.H. Jones, A.J. Marshall, J. Wakibara. (2001) Do chimpanzees Survive the 21st Century? In *The Apes: The Challenges for the 21st Century*. Chicago: Chicago Zoological Society. pp. 43-51.
- Jones, J.H. (1997) Ethology. In T. Barfield, ed., *The dictionary of Anthropology*. Oxford: Blackwell Publications. pp. 167-168.

Commentaries and book reviews

- Jones, J.H. (2009) Anthropology as Biosocial Science: The Future of Cross-Cutting Research. *Anthropology News*, 50(9): 5.

- Jones, J.H. and R. Bliege Bird (2008) In Defense of Functionalism. *Anthropology News*, 49(7): 45-46.
- Jones, J.H. (2003) Review of *Primate Life Histories and Socioecology*, by P.M. Kappeler and M.E. Pereira, eds. *Ecology*, 85(2): 587-589.
- Wrangham, R. W., J. H. Jones, and M. Leighton. (1995) The Allometry of Energy Allocation: Commentary. *Current Anthropology*. 36(2): 216.
- Hauser, M. D. and J. H. Jones. (1995) Review of *Aping Language*, by Joel Wallman. *American Journal of Physical Anthropology*. 91: 531-533.

Submitted Papers

- Jones, J.H. and L.M. Clech. (2015) Life Histories and Resource Transfers, forthcoming, *Annual Review of Anthropology*.
- Padmanabha, H., F. Correa, J. H. Jones, C. Rubio, S. Osorio, J. Mendez and M. A. Diuk-Wasser. Interactions between human demography and social behavior drive fine-scale dengue persistence.
- Jones, J.H. and S. Tuljapurkar. Elasticities and the Constraints on Selection in the Human Life History, revise and resubmit.
- Jones, J.H. and S. Tuljapurkar. Risk Management and the Evolution of Biparental Care. revise and resubmit.

Working Papers/Miscellaneous Publications

- Labo, P.T., P. Wise, J.H. Jones. Hierarchical Temporal Coherence and Spatial Correlation of Low Birthweight in California.
- Jones, J.H. and P.T. Labo, and C.C. Roseman. Genetic trade-offs between age at first reproduction, fertility, and recruitment in an historical human population. Working paper.
- Jones, J.H. and 67 others. (2011). [Kanazawa's Bad Science Does Not Represent Evolutionary Psychology](#). *Evolutionary Psychology*. (see also [THE](#) commentary).
- Downey, S., R. Bliege Bird, D.W. Bird, B. Coddling, J.H. Jones. (2011) A spatially-explicit "fire-stick farming" model of Aboriginal foraging in Western Australia. Working Paper.
- Jones, J.H. (2010) Human Behavioral Ecology: New Methods and New Challenges (Wiley-Liss Symposium 2009). Working paper.
- Salathé, M., M. Kazandjieva, J. W. Lee, M.P. Levis, W. Feldman, and J. H. Jones (2010) A High-Resolution Human Contact Network for Infectious Disease Transmission, [arXiv:1006.4622](#).

- Jones, J.H. and D. Salkeld (2009) Wild Bird Culls Are Inefficient for Control of Avian Influenza. Working Paper.
- Jones, J.H. and S. Jackman. (2008) Bayesian Inference for Finite Mixture Models: Heterogeneous Composition of Californian Birth Cohorts 1970-2005. Working Paper (PAA 2008).
- Handcock, M.S., J.H. Jones, and M. Morris. (2003) On “Sexual Contacts and Epidemic Thresholds,” Models and Inference for Sexual Partnership Distributions. [CSSS Working Paper # 31](#).
- Jones, J.H. and M.S. Handcock. (2002) Statistical Evidence Tells Tails of Human Sexual Contacts. [CSSS Working Paper # 21](#).

Meeting presentations and abstracts

1. Richardson, E.T., S.E. Collins, K.H. Tram, T. Kung, J.H. Jones. Modeling cash incentives vs. oral preexposure prophylaxis in high-risk African women: The Cash-PreP Study. Infectious Disease Society of America, Philadelphia, PA. October 2014.
2. Jones, J.H. The history and utility of social network analysis in evolutionary anthropology. American Anthropological Association, Chicago, IL. 23 November 2013.
3. Jones, J.H. Networks, mobility and mixing: Understanding the spillover and dissemination of emerging infectious disease. Ecological Society of America, Minneapolis, MN. 5 August 2013.
4. Jones, J.H. Simple Models for Multiple Attractors the Vector-Borne Infections. 11th Ecology and Evolution of Infectious Disease Meeting, State College, PA. 21 May 2013.
5. Bloomfield, L. S. and J. H. Jones. Geospatial Analysis of Landscape Characteristics Associated with Human-Primate Contact Using Remote Sensing Imagery and Field Data from Western Uganda. 11th Ecology and Evolution of Infectious Disease Meeting, State College, PA. 21 May 2013.
6. Bloomfield, L. S. Randolph, L. Clech, J.H. Jones. Multiplex Social Relations and Retroviral Transmission Risk in Rural Western Uganda. Ecology of Infectious Disease Annual Meeting, Athens, GA. 16 March 2013.
7. Lester, J. S.B. Paige, J.H. Jones, T.L. Goldberg, S.D.W. Frost. Networks, Disease, and the Kibale Forest. Ecology of Infectious Disease PI Meeting, Athens, GA. 16 March 2013.
8. Paige, S.B., S.D.W. Frost, M.A. Gibson, J.H. Jones, T.L. Goldberg. Beyond Bushmeat: Animal contact, injury, and zoonotic disease risk in western Uganda. Ecology of Infectious Disease PI Meeting, Athens, GA. 16 March 2013.
9. Ruiz-Lopez, M., T.L. Goldberg, C.A. Chapman, J.H. Jones, W.H. Switzer, S.D.W. Frost, M.A. Gibson, D.H. O’Conner, T.C. Friedrich, M. Lauk, S.D. Sibley, P.D. Etter, E.A. Johnson, N. Ting. Use of RNA-seq and nextRAD for the development of red colobus monkey genomic resource. Ecology of Infectious Disease PI Meeting, Athens, GA. 16 March 2013.

10. Hosseini, P.R., A. Islam, T. Fuller, B.J. Larison, B.M. Sheta, R. Harrigan, K.Y. Njabo, A. Hazel, E.S. Gurley, K. Sturm-Ramirez, X.M. Xiao, J.H. Jones, S.P. Luby, T. B. Smith, P. Daszak. Comparative Spillover Dynamics of Avian Influenza in Endemic Countries. Ecology of Infectious Disease PI Meeting, Athens, GA. 16 March 2013.
11. Salkeld, D.J. and J.H. Jones (2012) Community ecology and emerging infectious disease: Idiosyncrasies of local biodiversity. Ecological Society of America, Portland Oregon. 9 August 2012.
12. Jones, J.H. (2012) Quantitative Genetic Analysis Reveals Trade-Offs Between Age at First Reproduction and Fertility in an Historical Population. Population Association of America, San Francisco, CA. 4 May 2012.
13. Jones, J.H. Quantitative Genetic Analysis Reveals Trade-Offs Between Age at First Reproduction and Fertility in an Historical Population. American Association of Physical Anthropologists. Portland, Oregon. 14 April 2012. *American Journal of Physical Anthropology*, 147(Suppl. 54): 176.
14. Jones, J.H. and M. Salathé (2012) Multi-Scale Degree Distributions of a High-Resolution Contact Network. Sunbelt Social Networks Conference, Redondo Beach, CA. 16 March 2012.
15. Wood, B.M., D.A. Raichlen, H. Pontzer, J.H. Jones, A.Z.P. Mabulla, F.W. Marlowe. (2011) Keeping Their Friends Close? Contrasting Models of Social Association in Hadza Hunter-Gatherers. American Association of Physical Anthropologists Minneapolis, Minnesota, 12 April 2011. *American Journal of Physical Anthropology*, 144(Suppl. 52): 314.
16. Jones, J.H. and E. Zagheni (2011) Malaria Mortality and The Evolution of Patriliney. Population Association of America, Washington, DC. 2 April 2011.
17. Rudicell, R., J. H. Jones, E. E. Wroblewski, E. Greengrass, S. Kamenya, A. Mosser, B. Keele, A. E. Pusey, B. Hahn, and M. L. Wilson. (2010) Population Decline in a Chimpanzee Community with a High Prevalence of SIVcpz Infection. CROI 2010: 17th Conference on Retroviruses and Opportunistic Infections. San Francisco, CA.
18. Kazandjieva, M.A., J. W. Lee, M. Salathé, M. W. Feldman, J. H. Jones, and P. Levis. (2010) Measuring a Human Contact Network for Epidemiology Research. HotEMNETS 2010 - 6th Workshop on Hot Topics in Embedded Networked Sensors, Killarney, Ireland. 28 June 2010.
19. Jones, J.H. (2009) Disease-Induced Mortality and Biased Social Structure. American Anthropological Association, Philadelphia, PA. 5 December 2009.
20. Rudicell, R., J.H. Jones, A.E. Pusey, K. Terio, J. Estes, J. Raphael, E. Lonsdorf, M.L. Wilson, B. Keele, B. Hahn. (2009) SIVcpz is pathogenic in its natural host. CROI 2009: 16th Conference on Retroviruses and Opportunistic Infections, Montreal. 8-11 February 2009.
21. Yu, Y.J. and J.H. Jones. (2009) Ego-Centric networks of Chinese Female Sex Workers. Sunbelt Social Networks Conference, San Diego, CA.

22. Jones, J.H. and M. Salathé. (2009) The Effect of Network Structure on the Final Size of Epidemics on Graphs. Sunbelt Social Networks Conference, San Diego, CA.
23. Jones, J.H. (2009) The marginal valuation of fertility and risk-aversion in women's reproduction on the Utah frontier, 1849-1929. Human Biology Association, Chicago Illinois.
24. Jones, J.H. and S.D. Jackman. (2008) Bayesian hierarchical mixture models for high-risk births in California, 1968-2005. Population Association of America, New Orleans, LA.
25. Ferguson, B.D., J.A. Restrepo, J.H. Jones (2008) Missing men: the direct mortality impacts of firearm violence in Colombia, 1979-2005. Population Association of America, New Orleans, LA.
26. Jones, J.H. S. Helleringer, H.-P. Kohler (2008) Exponential Random Graph Models for Complete Sexual Network Data for Likoma. Sunbelt Social Networks Conference, St. Petersburg, FL. 26 January 2008.
27. Jones, J.H. (2008) The Evolutionary Ecology Of Infectious Disease: Proximate Determinants And Biological Causation. American College of Epidemiology, Tucson, AZ. 15 September 2008. *Annals of Epidemiology*. 18(9): 734-735. (doi:10.1016/j.annepidem.2008.08.081)
28. Jones, J.H. and B.D. Ferguson (2007) Demographic and Social Predictors of Intimate Partner Violence in Colombia: A Dyadic Power Perspective. American Anthropological Association, Washington, DC. 29 November 2007.
29. Jones, J.H. S. Helleringer, H.-P. Kohler (2007) Statistical Models for Sexual Networks on Likoma Island, Malawi: Implications for Sexual Behavior and HIV Control. Population Association of America, New York, NY. 30 March 2007.
30. Hilde, L.R., J.D. Hacker, J.H. Jones (2007) The Impact of the American Civil War on Post-War Marriage. Population Association of America, New York, NY. 30 March 2007.
31. Jones, J.H. (2006) Environmental change and emerging infectious disease: A proximate-determinants approach. Population Association of America, Los Angeles, CA. 1 April 2006.
32. Jones, J.H. (2006) The relative concentration of net maternity in chimpanzees and humans. Human Biology Association. Anchorage, AK. *American Journal of Human Biology*, 18(2): 260.
33. Jones, J.H. (2005) The probability of maternal orphanhood under a generalized AIDS epidemic. Population Association of America, Philadelphia, PA. 1 April 2005.
34. Jones, J.H. (2005) Environmental variability, life-history tactics, and Neanderthal extinction. American Association of Physical Anthropologists, Milwaukee, WI. 8 April 2005. *American Journal of Physical Anthropology*, Suppl. 40: 123.

35. Barrett, R.L and J.H. Jones (2004) Social challenges to effective ring vaccination programs. IRiSS Workshop: Anthropological Perspectives on Ecology and Health, Stanford, CA. 20 November, 2004.
36. Jones, J.H. (2004) Pair-bonding and the human life history problem. IRiSS Workshop: Anthropological Perspectives on Ecology and Health, Stanford, CA. 20 November, 2004,
37. Ferguson, B., G. Reniers, T. Araya, J. H. Jones, E. Sanders. (2004) Empirical Bayes estimation of small area adult mortality risk in Addis Ababa, Ethiopia. Population Association of America, Boston, MA. 3 April 2004.
38. Carcamo, C., J. Hughes, P. Garcia, P.J., Campos, G. Garnett, P. White, M. Chiappe, S. Astete, F. Jones, R. Meza, N. Gadea, J.H. Jones, M. Morris, K. Richmond, K.K. Holmes (2003) Methodology for the 2002 National Household-Based General Population Survey of Risk Behavior and Sexually Transmitted Diseases (STD) Prevalence in Peru. International Society for the Study of Sexually Transmitted Diseases, 27 July, Ottawa, Canada.
39. Garcia P.J., C. Carcamo, P. Campos, J. Hughes, G. Garnett, P. White, J.H. Jones, M. Morris, S. Aral, K.K. Holmes. (2003) Sex in Peru: Sexual Behaviors in a Nation-Wide Population-Based Survey of Urban Young Adults. International Society for the Study of Sexually Transmitted Diseases, 27 July, Ottawa, Canada.
40. Jones, J.H. and M. Morris (2003) AIDS orphans and “grandorphans” in Sub-Saharan Africa: The impact of correlated mortality on households and kinship structure. Population Association of America, 1 May, Minneapolis, Minnesota.
41. Jones, J.H. (2000) Human evolutionary demography: The evolution of the human life cycle. Human Behavior and Evolution Society, 9 June, Amherst, Massachusetts. Awarded HBES New Investigator Prize.
42. Jones, J.H. (1999) A life-cycle approach to the problem of post-reproductive survival. Human Behavior and Evolution Society, 2 June, Salt Lake City, Utah.
43. Jones, J.H. (1998) Sex-biased mortality and the evolution of lemur social systems. American Association of Physical Anthropologists 67th annual meeting, 3 April, Salt Lake City, Utah. *American Journal of Physical Anthropology*, Suppl. 26: 180.
44. Jones, J.H. (1998) Body size predicts patch residence time in orangutans. Ecological Society of America 83rd annual meeting, 3 August, Baltimore, Maryland.

Software

1. **demogR**: Software for the Construction and Analysis of Age-Structured Demographic Models in R, available on <http://cran.r-project.org>.

Technical Reports

1. Marshall, A.J., J.H. Jones, and R.W. Wrangham. (2000) The plight of the apes: The status of global ape populations. A briefing prepared for H.R. 2340: The Great Ape Conservation Act.
2. Jones, J.H. (1996) Orangutan Foraging ecology in the Gunung Palung National Park, Kalimantan Barat. Technical Report prepared for the Indonesian Institute of Science (LIPI).

5 Invited Talks

1. Jones, J.H. Human adaptation and mobility. Research and Policy for Infectious Disease Dynamics (RAPIDD) Workshop, Stanford University, 28 April 2014
2. Jones, J.H. and P.T. Labo. Wavelet and Graph-Based Correlations with Patterns of Infection, March of Dimes Site Visit, Stanford University, 14 April 2014.
3. Jones, J.H. Human behavior: The missing ingredient in climate-induced disease emergence? Research and Policy for Infectious Disease Dynamics (RAPIDD) Workshop, Princeton University, 15 January 2014.
4. Jones, J.H. Spirits in the Nonlinear World: Foraging, Life Histories, and Transmission. National Socio-Environmental Synthesis Center (SESYNC), University of Maryland, 19 November 2013.
5. Jones, J.H. Frontiers of Disease Ecology. Stanford Environmental Forum, Stanford, 7 November 2013.
6. Jones, J.H. Spirits in the Nonlinear World: Consequences for Human Foraging and Life History Decisions. Department of Experimental Psychology, Oxford, 25 October 2013.
7. Jones, J.H. Grand Challenges in Human Ecology. Grand Challenges in Ecosystems and the Environment Centre, Imperial College, London, 24 October 2013.
8. Jones, J.H. Social Science and Infectious Disease Epidemiology. Research and Policy for Infectious Disease Dynamics (RAPIDD) Workshop, Princeton University, 7 October 2013.
9. Jones, J.H. The Evolvability of the Human Life History. Keyfitz Centennial Symposium on Mathematical Demography, Ohio State University, 25 June 2013.
10. Jones, J.H. Networks, Models of Social Interaction, and the Dynamics of Infectious Disease. Department of Population Health, London School of Hygiene & Tropical Medicine, 1 November 2012.
11. Jones, J.H. Marginal Valuation, Elasticity, and Constraint in the Analysis of Human Reproductive Decisions. UCL/LSHTM Evolutionary Demography Group, 1 November 2012.
12. Jones, J.H. Networks, Models of Social Interaction, and the Dynamics of Infectious Disease. Division of Ecology and Evolution, Imperial College, London. 30 October 2012.

13. Jones, J.H. Primate Biodemography. OppNet Improving Animal Models Workshop, National Institutes of Health, Bethesda, MD. 23 July 2012.
14. Jones, J.H. Biodemography and Quantitative Genetics of an Historical Population. First Stanford Conference on Computational Social Science. Stanford, CA. 1 June 2012.
15. Jones, J.H. Networks, Models of Social Interaction, and the Dynamics of Infectious Disease. Department of Anthropology, University of Pennsylvania, 23 February 2012.
16. Jones, J.H. SIV Transmission Dynamics and the Early Evolution of HIV-1. Yale Center for Interdisciplinary Research on AIDS. 8 February 2012.
17. Jones, J.H. Networks, Models of Social Interaction, and the Dynamics of Infectious Disease. Institute for Mathematics in the Social Sciences, University of California Irvine. 30 October 2011.
18. Jones, J.H. Risk, subsistence, livelihood, and adaptive decisions. Woods Institute Environmental Forum, Stanford University. 7 April 2011.
19. Jones, J.H. Networks, Models of Social Interaction, and the Dynamics of Infectious Disease. Morrison Institute for Population and Resource Studies, Stanford University. 23 February 2011.
20. Jones, J.H. Why Men Hunt: Risk-Aversion and the Evolution of the Human Foraging Portfolio. Methods of Analysis Program in the Social Sciences, Stanford University. 7 January 2011.
21. Jones, J.H. SIVcpz Ecology and Epidemiology: Implications for the Emergence of HIV-1. Southern California Primate Research Forum, San Diego State University. 13 November 2010.
22. Jones, J.H. Contact Networks, Models of Infectious Disease, and Epidemic Simulation. Behavior, Evolution, and Culture Colloquium, UCLA. 1 November 2010.
23. Jones, J.H. Contact Networks, Models of Infectious Disease, and Epidemic Simulation. Center for Population Dynamics, Arizona State University. 22 October 2010.
24. Jones, J.H. Marginal Valuation, Elasticity, and Constraint in the Analysis of Human Reproductive Decisions. IGERT Program in Evolutionary Modeling, University of Washington. 11 March 2010.
25. Jones, J.H. Marginal valuation of fertility and risk-aversion in women's reproduction on the Utah frontier, 1849-1929. Department of Anthropology, University of Arizona. 10 February 2010.
26. Jones, J.H. Structure, Constraint, and Selection: Explorations in Biosocial Anthropology. Department of Anthropology, The Pennsylvania State University. 11 January 2010.

27. Jones, J.H. Structure Constraint and Selection: Explorations in Biosocial Anthropology. Department of Anthropology, Stanford University. 25 January 2010.
28. Jones, J.H. Human Evolutionary Demography: Marginal Valuation, Risk-Aversion, and Reproductive Decision-Making on the Utah Frontier. Department of Human Evolutionary Biology, Harvard University. 15 October 2009.
29. Jones, J.H. Mathematical Models for Infectious Diseases and The Evolution of Pathogen Virulence. Indiana University Themester Lecture Series, Indiana University. 11 September 2009.
30. Marginal valuation of fertility and risk-aversion in women's reproduction on the Utah frontier, 1849-1929. Department of Economics, Indiana University. 10 September 2009.
31. Jones, J.H. Anthropological Perspectives on Networks and Epidemics: Stopping Rules, Chimpanzee Sex, and Betweenness Variance. Center for Infectious Disease Dynamics, Pennsylvania State University. 28 April 2009.
32. Bird, R.B. and J.H. Jones. Evolution and human behavior: perspectives from human behavioral ecology. Wiley-Liss Invited Symposium. American Association of Physical Anthropologists, Chicago, IL. 2 April 2009.
33. Marginal valuation of fertility and risk-aversion in women's reproduction on the Utah frontier, 1849-1929. Morrison Institute for Population and Resource Studies, Stanford University, 18 February 2009.
34. Social interactions and infectious disease epidemiology. NAS/CNRS Frontiers of Science Symposium, Roscoff, France. 20-22 November 2008.
35. Marginal valuation of fertility and risk-aversion in women's reproduction on the Utah frontier, 1849-1929. Population Studies Center. University of Michigan. 13 October 2008.
36. Marginal valuation of fertility and risk-aversion in women's reproduction on the Utah frontier, 1849-1929. Department of Anthropology, UC Santa Cruz. 5 November 2008.
37. The marginal valuation of fertility. IUSSP Seminar on Trade-Offs in Female Life Histories. University of Bristol, Bristol UK (with R. Bliege Bird). 22 July 2008.
38. Finite mixture models for biodemographic inference. California Center for Population Research, University of California, Los Angeles. 24 October 2007.
39. Measuring heterogeneity in mortality using finite mixture models. Morrison Institute for Population and Resource Studies, Stanford University, November 2007.
40. Rank, not age, predicts the length of chimpanzee birth intervals. California Biodemography Program Project Conference on Sociality and Biodemography, Ponta Delgada, Açores. 17-20 June 2007.

41. Diabetes and Tuberculosis: The Demography of Interacting Epidemics. Demography and Infectious Disease: Integrating Multiple Levels of Biological and Social Information. Applera Foundation Lecture Series, Stanford CA. 23 February 2007.
42. Epidemic thresholds for heterogeneous two-sex epidemic models. Institute for Mathematics and the Behavioral Sciences, University of California, Irvine. 1 February 2007.
43. The evolution of biparental care in variable environments. Museum of Vertebrate Zoology, University of California, Berkeley. 22 November 2006.
44. Likelihood-based inference for sexual networks. Santa Fe Institute. 26 October 2006.
45. Excess male death and the marriage squeeze in Colombia: Implications for migration and the male life course. IUSSP Seminar on the Male Life Course, Marburg, Germany. 12 October 2006.
46. Dynamical consequences of interacting diabetes and tuberculosis epidemics. Stanford Center for Health Policy Seminar Series. 8 November 2006.
47. Stochastic models of sexual partnership distributions and implications for elimination and control of STIs. Quantitative Methods in the Social Sciences Colloquium Series, University of California, Santa Barbara. 25 January 2006.
48. Frailty models of chimpanzee fertility. Center for Statistics & the Social Sciences Seminar Series, University of Washington. 17 January 2006.
49. The demography of the Gombe chimpanzees: An analysis of 42 years of vital event data. Biological Anthropology Colloquium, Harvard University. 7 October 2005.
50. The demography of the Gombe chimpanzees: An analysis of 42 years of vital-event data. Bay Area Consortium on Population Lecture Series, University of California, Berkeley. 1 September 2005.
51. Health disparities and epidemic thresholds: Implications for defense against bioterrorism and emerging infections. Notestein Lecture, Office of Population Research, Princeton University. 15 February 2005.
52. Likelihood-based inference for network degree distributions. Department of Statistics Winter Colloquium, Stanford University. 8 February 2005.
53. Probability of orphanhood under a generalized AIDS epidemic. Morrison Center for Population and Resource Studies Winter Colloquium Series, Stanford University. 26 January 2005.
54. Landscape persistence of a sexually-transmitted infection in a metapopulation linked by male dispersal. Special session: Parasites and host social organization. Ecological Society of America, Portland, Oregon. August 2004.

55. Likelihood-based inference for network degree distribution. Special session: Statistical inference for social networks, Biometric Society, Western North America Region Meeting, Albuquerque, NM. 28 June 2004.
56. Early life events and life history theory. Plenary Session: The Fetal Origins of Developmental Plasticity, Human Biology Association Annual Meeting, Tampa, Florida. 15 April 2004.
57. Pair-bonding and the human life history problem. Department of Anthropological Sciences Colloquium, Stanford. 10 December 2003.
58. Cultural transmission in heterogeneous populations: Sexually transmitted diseases as biomarkers of cultural biases? *Toward a Scientific Concept of Culture* Conference, Department of Anthropological Sciences, Stanford University. 23 January 2003, Stanford, California.
59. Bayesian statistical methods and evolutionary anthropology. Biological Anthropology Seminar Series, University of Washington. 4 December 2002.
60. Epidemic thresholds exist in human sexual contact networks Center for Statistics and the Social Sciences, University of Washington. 9 October 2002.
61. AIDS orphans and “grandorphans” in Sub-Saharan Africa: The Impact of Correlated Mortality on Households and Kinship Structure (with Martina Morris). Department of Demography, University of California, Berkeley. 13 March 2002.
62. AIDS orphans and “grandorphans” in Sub-Saharan Africa: The Impact of Correlated Mortality on Households and Kinship Structure. Center for Studies in Demography & Ecology Seminar Series, University of Washington. 8 March 2002.
63. Modeling the Differential Prevalence of Bacterial STDs. Department of Anthropological Sciences, Stanford University. 1 February 2002.
64. Rethinking strategies for estimating demographic schedules from incomplete data. Center for Statistics & the Social Sciences Seminar Series, University of Washington. 7 November 2001.
65. Matrix Population Models and the Evolution of the Human Life Cycle. Department of Ecology, Evolution & Behavior, University of Minnesota, St. Paul, Minnesota 3 March 2000.
66. Population dynamics and extinction in structured populations: Applications to the Middle Paleolithic. Stone Age Laboratory, Harvard University, 2000.
67. Cooking and the Evolution of Human Sexual Bonding. Department of Anthropology Colloquium, Yale University, New Haven Connecticut, 1999.
68. Population Models for Orangutan Conservation. Department of Anthropology, New York University, New York, New York, 1999.
69. Population Models for Orangutan Conservation. Department of Anthropology Colloquia Series, Harvard University, Cambridge, Massachusetts, 1999.

70. Production Models of Primate Life Histories. Department of Anthropology Colloquia Series, Harvard University, Cambridge, Massachusetts, 1997.
71. Ultimately, Why Do Primates Grow So Slowly? Department of Anthropology Colloquia Series, Harvard University, Cambridge, Massachusetts, 1995.
72. Phylogenetic Systematics and Ruminant Evolution. Department of Animal Science Colloquia Series, Oregon State University, Corvallis, Oregon, 1994.

6 Fellowships and Honors

- 2012 Institute for Research in the Social Sciences Fellowship.
- 2009 Stanford-France Cooperation Grant, Stanford University (declined).
- 2008 National Academy of Sciences/Centre National de la Recherche Scientifique, Kavli Frontiers in Science, Invited Speaker.
- 2007 Hellman Faculty Scholar, Stanford University.
- 2007 Center Fellow, Woods Institute for the Environment, Stanford University.
- 2005 Career Development Award (K01), National Institute for Child Health and Human Development.
- 2001 National Research Service Award, National Institute for Allergy and Infectious Diseases.
- 2000 New Investigator Prize, Human Behavior and Evolution Society Annual Meeting, Amherst, Massachusetts.
- 2000 Edmund J. Curley Scholarship.
- 2000 Derek Bok Center for Teaching Award (Also 1993, 1995, 1999).
- 1999 Harvey E. Clifford Scholarship.
- 1998 Cora DuBois Charitable Trust Fellowship.
- 1995-96 Fulbright Fellowship to Indonesia.
- 1992-94 Ann Getty Predoctoral Fellowship, Harvard University.
- 1990 Florida Honors Waiver.

7 Research Grants

Principal Investigator

- 2011-2013 “Individual Decisions and Emergent Aggregate Patterns: Kin Co-residence among Hadza Hunter-Gatherers,” NSF BCS-1062879.
- 2005-2011 “Demographic Change and Dependent Social Structures,” NICHD 1K01HD051494.
- 2012 “Doctoral Dissertation Research: The Ecology of Malaria in the Colombian Amazon,” (Alejandro Feged, Co-PI), Submitted to NSF (Cultural Anthropology).
- 2009 “RAPID: Structure of Contact Networks and the Spread of Flu-like Infectious Diseases: Implications for Dynamics and Control,” NSF BCS-0947132 (Cultural Anthropology and Methodology, Measurement and Statistics).

- 2009 “Doctoral Dissertation Research: Motives for Consuming, Sharing and Trading Wildlife in Urban Cameroon,” (Shannon Randolph, Co-PI). NSF BCS-0922045.
- 2008 “Doctoral Dissertation Research: Life History Perspectives on Violent Conflict in Colombia,” (Brodie Ferguson, Co-PI). NSF BCS-0753741.
- 2008 “Doctoral Dissertation Research: Social Networks and Social Capital: New Techniques for Studying Marginalized Populations at Risk,” (Yeon Jung Yu, Co-PI). NSF BCS-0753231.
- 2007-2009 “Forest Conversion and the Changing Epidemiological Environment in Southeast Asia,” Stanford Woods Institute for the Environment Environmental Ventures Program Grant.
- 2007 Conference Grant: “The Demography of Infectious Disease,” Applera Corporation.

Co-Principal Investigator

- 2011-2016 “US-UK Collab: Biological and Human Dimensions of Primate Retroviral Transmission,” Tony Goldberg, PI. NIAID 1R01AI098420 via NSF/NIH Ecology of Infectious Disease (EID) Program.
- 2012-2017 “Comparative Spillover Dynamics of Avian Influenza in Endemic Countries,” Peter Daszak, PI. R01TW009502 via NSF/NIH Ecology of Infectious Disease (EID) Program.
- 2010-2015 “Research Networks in Biodemography and the Demography of Aging,” NICHD, 5R24AG039345.
- 2011-2014 “Stanford Center for Population Research: Center Grant,” Shripad Tuljapurkar, PI. NICHD.
- 2011-2013 “Socio-economic and political drivers of oil palm expansion in Indonesia: Effects on rural livelihoods, carbon emissions and REDD,” Lisa Curran, PI. NASA Earth Science Program.
- 2009-2012 “Anthropogenic Fire, Human Foraging Strategies, and Ecosystem Dynamics in the Western Desert of Australia,” Rebecca Bird, PI. NSF Cultural Anthropology.
- 2009-2010 “Global Climate Change and Regional Conflict in the African Sahel,” Roz Naylor, PI. Freeman-Spogli Institute for International Studies Presidential Fund.
- 2009-2010 “An interdisciplinary approach to understanding the role of anthropogenic fire in the desert grasslands of Australia,” Douglas W. Bird, PI. Stanford Woods Institute for the Environment Environmental Ventures Program Grant.
- 2007-2009 “Workshops in Formal Demography and Biodemography,” Shripad Tuljapurkar, PI. NICHD.
- 2004-2006 “Workshops in Formal Demography,” Shripad Tuljapurkar, PI.
- 2005-2007 “Anthropogenic Burning as a Resource Management Strategy Among Australian Hunter-Gatherers,” Rebecca Bliege Bird and Douglas Bird, Co-PIs. Stanford University Office of Technology Licensing Research Incentive Grant.

Investigator

2011-2021 “March of Dimes Center for Prematurity Research at Stanford,” PI: David Stevenson.
Core Member, “Pattern Recognition Discovery Team.”

Consultant

2009-2014 “Molecular Epidemiology and Natural History of SIVcpz,” NIAID, PI: Beatrice Hahn.
R01AI058715-06A109.

2009-2014 “Epidemiology of Emerging Infectious Diseases and Bioterrorism,” PI: Julie Parsonnet.
NIAID 2T32AI052073-06A1. PI: Julie Parsonnet.

Other Research Awards

2012 Freeman-Spogli Institute Action Fund Grant.
2004 Seed Grant for Exploratory Research, CEDA, UC Berkeley.
2004 Stanford Institute for International Studies, Hewlett Family Fund Grant
1998 Mellon dissertation completion award
1997 Mellon dissertation top-up award
1995 Mellon pre-dissertation award

8 Teaching

Courses

Graduate Research Methods; Life History Theory; Formal Demography; Social Networks; Social
Epidemiology; Epidemic Modeling; Statistics; Evolutionary Theory

Undergraduate Human Population Biology; Environmental Change and Emerging Infectious
Disease; Ecology, Evolution and Human Health; Evolution of Human Diet; Nutrition and
Human Growth; Human Nature; Human Life Cycle

Students and Post-Docs Supervised

Post-Docs

M. Ashley Hazel (2013-)
Lucie Clech (2013-2014). Current Position: Gates Foundation Project Manager, Uganda.
Philip T. Labo (2012-)
Brian M. Wood (2010-2012). Current Position: Assistant Professor, Yale University.
Sean Downey (2010). Current Position: Assistant Professor, University of Maryland.
Marcel Salathé (2009-2010). Current Position: Assistant Professor, Pennsylvania State University.
Daniel J. Salkeld (2008-) Current Position: Research Scientist, Colorado State University.
Sadie Jane Ryan (2007-2009). Current Position: Assistant Professor SUNY College of
Environmental Science and Forestry.

Ph.D. Students

Eugene T. Richardson, primary advisor (2013-)

Ronan Arthur (Emmett Interdisciplinary Program in the Environment and Resources), primary advisor (2013-)

Whitney Bagge (Emmett Interdisciplinary Program in the Environment and Resources), primary advisor (2011-)

Laura Bloomfield (M.D.-Ph.D., Emmett Interdisciplinary Program in the Environment and Resources), Primary advisor (2011-)

Fran Moore (Emmett Interdisciplinary Program in the Environment and Resources), committee member (2011-)

E'lana Jordan, primary advisor (2009-)

Michael Price, committee member (2009-)

Eleanor Power, committee member (2008-)

Alejandro Feged, primary advisor (2007-)

Brian Coddling, committee member (2006-2011). Current Position: Assistant Professor, University of Utah.

Yeon Jung Yu, primary advisor (2006-2014). Current Position: Post-doctoral fellow, Wayne State University School of Medicine.

Shannon Randolph, primary advisor (2005-2013). Current Position: Director of Social Science, Papua New Guinea, Wildlife Conservation Society.

Brodie D. Ferguson (Ph.D. 2010), primary advisor (2004-2010). Current Position: President, Anthroctect.

Emilio Zagheni (Ph.D., Demography UC Berkeley, 2010), thesis committee member (2008-2010). Current Position: Assistant Professor, CUNY-Queens College.

Katherine Grace (Ph.D., Geography, UC Santa Barbara, 2008), thesis committee member (2006-2008). Current Position: Research Scientists, UCSB.

Raziel Davison (Ph.D. 2011, Biological Sciences), thesis committee member (2006-2011)

Cedric Puleston (Ph.D., Biological Sciences, 2009), thesis committee member (2005-2009). Current Position: Post-Doc, UC Davis.

Karim Al-Khafaji (Ph.D., Biological Sciences, 2008), thesis committee member (2005-2008). Current Position: Consultant, The Bridgespan Group.

Charles Roseman (Ph.D. 2005), thesis committee member (2003-2005). Current Position: Associate Professor, University of Illinois

Elizabeth Fair (Ph.D., Epidemiology, 2005), thesis committee member (2005). Current Position: Assistant Adjunct Professor, UCSF.

Richard D. Pocklington (Ph.D. 2005), thesis committee member (2003-2005)

Neil Abernethy (Ph.D., Medical and Bioinformatics, 2005), thesis committee member (2003-2005). Current Position: Associate Professor, University of Washington.

9 Professional activities and memberships

Directorships, Committee Chairs, Editorial Boards

Co-Organizer, Workshop in Biological and Social Networks. Imperial College. July 2014.

Co-Organizer, Research and Policy in Infectious Disease Dynamics (RAPIDD) Workshop on Environmental Change, Human Mobility, and Infectious Disease. Stanford University. April 2014.

Member, Executive Committee, Stanford Center of Population Research. Stanford University. September 2012-.

Director, Methods of Analysis Program in the Social Sciences (MAPSS), Stanford University. September 2010-2014.

Chair, Environmental Ventures Program Scientific Panel, Woods Institute for the Environment, Stanford University. September 2012-2014.

Co-Chair, Environmental Ventures Program Scientific Panel, Woods Institute for the Environment, Stanford University. September 2011-2012.

Associate Editor, *American Anthropologist*. June 2012-.

Associate Editor, *Journal of Animal Ecology* (Primates and disease ecology). January 2010-.

Co-Director, Methods of Analysis Program in the Social Sciences (MAPSS), Stanford University. September 2009-2010.

Academic Editor, *PLoS ONE*. October 2008-October 2010.

Review Panels

Panelist, National Science Foundation, Cultural Anthropology Senior Awards Committee. April 2010.

Member, Ecology of Infectious Disease Executive Committee, National Science Foundation/National Institute of Health. 2010.

Panelist, National Science Foundation/National Institute of Health, Ecology of Infectious Disease Panel. 2008-2009.

Panelist, National Science Foundation, Cultural Anthropology Dissertation Awards Committee. April 2007-2008.

Member, Scientific Review Group, National Institute of General Medical Sciences, Models of Infectious Disease Agent Study (MIDAS). Bethesda, MD. 2005.

Member, Environmental Ventures Program Scientific Panel, Woods Institute for the Environment, Stanford University. 2005-2008.

Member, National Science Foundation, Human Social Dynamics: Agents of Change Advisory Panel. June 2004.

Member, Harvard College Rhodes Scholarship and British Marshall Scholarship Endorsement Committee. 1998-2000.

University Committees

Head, Leadership Team, “Human Ecology” Faculty College. 2013-2014.

Member, Leadership Team, “iEarth” Faculty College. 2012-2013.

Member, Advisory Committee, Center for the Economics and Demography of Health and Aging, Stanford University. 2009-.

Member, Advisory Committee on International Health, Stanford Medical School. 2004-.

Member, Research Committee, Woods Institute for the Environment. 2005-2009.

Steering Committee Member, Methods of Analysis Program in the Social Sciences (MAPSS), Stanford. 2003-.

Panel Contributions

Organizer/Chair/Discussant, Social Networks in Evolutionary Anthropology, American Anthropological Association, Chicago, IL. 23 November 2013.

Chair/Discussant, Biodemography of Fertility. Population Association of America, New Orleans, LA. 5 April, 2013 .

Chair, Mobility and Marginalized Populations. American Anthropological Association, San Francisco, CA. 17 November 2012.

Discussant, Evolution Proof Pharmaceuticals? Palo Alto Institute Symposium on Evolutionary Medicine, Stanford School of Medicine. 8 May 2012.

Chair, Couple Dynamics and Fertility in Africa. Population Association of America, Dallas, TX. 17 April, 2010.

Discussant, Sexual Behavior, Sexual Networks, and STDs. Population Association of America, Los Angeles, CA. 30 March 2006.

Organizer, IRiSS Workshop: Anthropological Perspectives on Ecology and Health, Stanford, CA. November 2004.

Chair, Human Behavior and Evolution Society Session on Life History Strategies, HBES Annual Meeting, Amherst, Massachusetts, 9 June 2000.

Search Committees

Member, Price Chair Search, Environmental and Earth System Science/Center for Ocean Solutions. 2013-.

Member, Human Dimensions of Global Change Search, 2013-.

Member, Medical Anthropology Search. Department of Anthropology. 2011.

Member, School of Geology/Woods Institute for the Environment Joint Faculty Search Committee. 2007.

Member, Environmental Anthropology Faculty Search Committee. Woods Institute for the Environment and Department of Anthropological Sciences. 2003, 2006.

Memberships

American Anthropological Association

American Association of Physical Anthropologists

Population Association of America

International Network for Social Network Analysis

Ecological Society of America

Reviewer

National Science Foundation (Cultural Anthropology; Physical Anthropology; Ecology of Infectious Disease; Human Social Dynamics; Methodology, Measurement and Statistics), Cambridge University Press, National Institute of General Medical Sciences, National Institute of Child Health and Human Behavior, *American Journal of Human Biology*, *American Journal of Physical Anthropology*, *American Journal of Public Health*, *Annals of Applied Statistics*, *Behavioral Ecology*, *Behavioral Ecology and Sociobiology*, *Biology Letters*, *Canadian Journal of Zoology*, *Computational and Mathematical Organization Theory*, *Current Anthropology*, *Evolution*, *Evolution and Human Behavior*, *Human Ecology*, *Human Nature*, *Journal of Anatomy*, *Journal of Animal Ecology*, *Journal of Archaeological Science*, *Journal of the Royal Statistical Society*, *Mathematical Population Studies*, *Mechanisms of Ageing and Development*, *Philosophical Transactions of the Royal Society*, *Biological Sciences*, *PLoS Biology* (Guest AE), *PLoS Computational Biology*, *PLoS ONE*, *Proceedings of the National Academy of Sciences*, *Proceedings of the Royal Society B*, *Biological Sciences*, *Proceedings of the Royal Society Interface*, *Social Networks*, *Theoretical Population Biology*