

CURRICULUM VITAE

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**EDUCATION**

- Ph.D. Anthropology, University of Washington, 1976  
Dissertation: *Binumarien: Kinship and Cooperation in a New Guinea Highland Community*. JB Watson supervisor
- M.A. Anthropology, University of Washington, 1970
- B.S. Sociology and Anthropology, Iowa State University, 1968

**ACADEMIC POSITIONS**

- 2016, 2017 Visiting Scholar, School of Mathematics and Statistics, University of Sydney
- 2005-present Collaborative Scientist, Division of Psychobiology, Yerkes National Primate Research Center
- 2002-3 Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford University
- 2001-present Distinguished Professor, Department of Anthropology, University of Utah
- 1996-2002 Chair, Department of Anthropology, University of Utah,
- 1987-2001 Professor, Department of Anthropology, University of Utah
- 1980-1987 Associate Professor, Department of Anthropology, University of Utah
- 1976-1980 Assistant Professor, Department of Anthropology, University of Utah
- 1973-1976 Instructor, Department of Anthropology, University of Utah
- 1970 Instructor, Highline Community College
- 1969-1971 Teaching Assistant, Teaching Associate, University of Washington

**PROFESSIONAL ACTIVITIES & AWARDS**

- 2024 NIA Special Emphasis Panel: Comparative Primate Aging and Lifespans. Jan 30
- 2021 American Philosophical Society, Elected member
- 2020 Sigma Xi, invited member December 23
- 2018 NAS expert meeting: Leveraging rarely investigated populations for research on aging. Washington DC. July 2
- 2016 Distinguished Alumni Award. World Languages & Cultures. Iowa State Univ. Ames, Oct 27
- 2016 Rapporteur Ernst Strungmann Forum, Contextualizing Attachment: The Cultural Nature of Attachment. Frankfurt Germany April 3-8.
- 2015 Finalist, College of Social and Behavioral Sciences, U of Utah, Superior Teaching Award
- 2015 Hinckley Institute of Politics, U of Utah, Outstanding Professor
- 2014 Co-Organizer CARTA Conference Birth To Grandmotherhood: Childrearing In human evolution. San Diego, February 21-22
- 2013, 2014 NIH Biodemography of Aging Panel, July 2013; June 2014
- 2011 Waorani Warfare: NSF Team Seminar  
School for Advanced Research, Santa Fe, November 7-10
- 2009 American Academy of Arts & Sciences, Elected member
- 2008 NIH Special Emphasis Panel: Biodemography of aging across species
- 2006-present Advisory Board, CARTA Center for Academic Research & Training in Anthropogeny UCSD
- 2003 NIA Special Emphasis Panel: UCD, Program Project: Lifespan & Biodemography
- 2002 Co-organizer Advanced Seminar On The Evolution Of Human Life Histories  
School of American Research, Santa Fe NM November 2-8.
- 2002 Rosenblatt Prize, University of Utah
- 2002 National Academy of Sciences, Elected member,
- 1998-2002 Human Evolution Area Editor, *Oxford Encyclopedia of Evolution*

1997-present	Associate Editor <i>Evolutionary Anthropology: Issues, News, and Reviews</i>
1991-5	Associate Editor <i>Evolutionary Anthropology: Issues, News, and Reviews</i>
1993	Advisory Panel for Cultural Anthropology, National Science Foundation
1991-2	Advisory Panel for Cultural Anthropology, National Science Foundation
1988	NIH Special Study Section, "Diet and Behavior"
1985-present	Leakey Foundation, Science and Grants Executive Committee

## PUBLICATIONS

### Journal articles, book chapters & comments

- O'Connell JF, Hawkes K & Blurton Jones NG (accepted) Hadza men's foraging, 1985-86: Data and implications for men's role in early human evolution. *Paleoanthropology*
- Hawkes K 2023 Life history impacts on infancy & the evolution of human social cognition *Front. Psychol.* Vol 14: 1197378 <https://www.frontiersin.org/articles/10.3389/fpsyg.2023.1197378/full>
- O'Connell JF & K Hawkes 2023 Behavioral Ecology: Background & illustrative example In C Larsen (ed) *A Companion to Biological Anthropology* (2<sup>nd</sup> ed) (pp314-328). John Wiley & Sons Ltd.
- Hawkes K. 2022 Somatic maintenance/reproduction tradeoffs and human evolution *Behav Brain Sci* 45 e128 <https://www.cambridge.org/core/journals/behavioral-and-brain-sciences/article/somatic-maintenancereproduction-tradeoffs-and-human-evolution/945DA54938A2D01FF41305359CB83DD1>
- Le A, K Hawkes, PS Kim 2022 Male mating choices: The drive behind menopause? *Theor Pop Biol* 145: 126-135 <https://www.sciencedirect.com/science/article/pii/S0040580922000296?via%3Dihub>
- Herzog NM, K Hawkes & J Pruett 2022 Investigating foundations for hominin fire exploitation: Savanna-dwelling chimpanzees (*Pan troglodytes verus*) in fire-altered landscapes *J Hum Evol* 167:103193 <https://doi.org/10.1016/j.jhevol.2022.103193>
- Loo SL, D Rose, K Hawkes & PS Kim 2021 Mate guarding arises due to partner scarcity, even if the father doesn't help at all *Theor Popul Biol* 142:100-113 <https://www.sciencedirect.com/science/article/pii/S004058092100068X?via%3Dihub>
- Loo SL, MD Weight, K Hawkes & PS Kim 2020 Why males compete rather than care, with an application to supplying collective goods *Bull Math Biol* 82:125 <https://link.springer.com/article/10.1007/s11538-020-00800-4>
- Herzog NM, C Parker, E Keefe & K Hawkes 2020 Fire's impact on threat detection and risk perception among vervet monkeys: Implications for hominin evolution. *J Hum Evol* 145: 102836 <https://doi.org/10.1016/j.jhevol.2020.102836>
- Hawkes K 2020 Cognitive consequences of our grandmothering life history: cultural learning begins in infancy. *Phil Trans R Soc. B* 375: 20190501. <http://dx.doi.org/10.1098/rstb.2019.0501>
- Orr TJ, et al. 2020 It takes two to Tango: Including a female perspective in reproductive biology. *Integ Comp Biol* 60(3):796-813 <https://doi.org/10.1093/icb/icaa084>
- Hawkes K 2020 The centrality of ancestral grandmothers in human evolution *Integ Comp Biol* 60(3): 765-781 <https://doi.org/10.1093/icb/icaa029>
- Rose D, Hawkes K & PS Kim 2019 Adult sex ratio as an index for male strategy in primates. *Theor Popul Biol* 126:40-50. <https://www.sciencedirect.com/science/article/pii/S0040580918300613>
- Kim PS, JS McQueen & K Hawkes 2019 Why does women's fertility end in mid-life? Grandmothering & age at last birth. *J Theor Biol* 461: 84-91. <https://www.sciencedirect.com/science/article/pii/S0022519318305113?via%3Dihub>
- Parker CH & K Hawkes 2018 Optimal foraging theory. In *The International Encyclopedia of Anthropology*, edited by Hilary Callan Volume VIII Pp 4556-4464. Hoboken: John Wiley & Sons.
- Hawkes K & BL Finlay 2018 Mammalian brain development and our grandmothering life history. *Physiology & Behavior* 193: 55-68. <https://doi.org/10.1016/j.physbeh.2018.01.013>
- Hawkes K, JF O'Connell & N Blurton Jones 2018 Hunter-gatherers & human evolution: a very selective review. *Am J Phys Anth Centennial Anniversary Issue* 165 (4): 777-800. <https://onlinelibrary.wiley.com/doi/full/10.1002/ajpa.23403> PMC5875731
- Hawkes K, JS Chisholm, LA Fairbanks, J Johow, E Kalcher-Sommersguter, K Liebal, MMyowa-Yamakoshi, VSommer, B Thierry, BL Finlay 2017 Primate Infancies: Causes and Consequences of Varying Care. In H Keller & KA Bard eds *The Cultural Nature of Attachment: Contextualizing relationships and development*, pp. 69-107. Cambridge: MIT Press.
- Chan MH, K Hawkes, PS Kim 2017 Modelling the evolution of traits in a two-sex population, with an application to grandmothering. *Bull Math Biol* 79(9):2132-2148. <https://link.springer.com/article/10.1007%2Fs11538-017-0323-0>

- Loo SL, Chan MH, Hawkes K, Kim PS 2017 Further mathematical modelling of mating sex ratios & male strategies with special relevance to human life history *Bull Math Biol* 79(8):1907-22  
<https://link.springer.com/article/10.1007/s11538-017-0313-2>
- Loo SL, K Hawkes, PS Kim 2017 Evolution of male strategies with sex-ratio dependent payoffs: Connecting pair bonds with grandmothing. *Phil Trans Roy Soc B* 372: 20170041  
<https://royalsocietypublishing.org/doi/10.1098/rstb.2017.0041>
- Darimont CT, Coddling BF, Hawkes K. 2017 Why men trophy hunt. *Biol.Lett.* 13: 20160909.
- Eisenberg, DA, J Tackney, RM Cawthon, CT Cloutier, K Hawkes. 2017. Paternal & grandpaternal ages at conception & descendant telomere lengths in chimpanzees & humans *Am J Phys Anth* 162:201-207  
<https://onlinelibrary.wiley.com/doi/full/10.1002/ajpa.23109>
- Hawkes K, 2016. Ethnoarchaeology & Plio-Pleistocene sites: some lessons from the Hadza. *J Anthropol Arch.* 44, Part B: 158–165 <https://www.sciencedirect.com/science/article/pii/S027841651630071X>
- Parker CH, ER Keefe, NM Herzog, JF O’Connell, K Hawkes 2016. The pyrophilic primate hypothesis. *Evol Anthropol* 25(2):54-63. <https://onlinelibrary.wiley.com/doi/full/10.1002/evan.21475>
- Chan M, K Hawkes, PS Kim. 2016. Evolution of longevity, age at last birth and sexual conflict with grandmothing. *J Theor Biol* 393:145-157. <https://www.sciencedirect.com/science/article/pii/S0022519316000151>
- Hawkes K 2016 Genomic evidence for the evolution of human postmenopausal longevity. *Proc Nat Acad Sci (USA)* 113(1) 17-18. <https://www.pnas.org/content/113/1/17>
- Hawkes K & JE Coxworth 2015 Grandmothing IN Encyclopedia of Human Sexuality, edited by P Whelan & A Bolin p 487-489 John Wiley & Sons
- Herzog NM, ER Keefe, CH Parker, K Hawkes 2015 What's burning got to do with it? Primate foraging opportunities in fire-modified landscapes. *Am J Phys Anth.* 159(3): 432-441.  
<https://onlinelibrary.wiley.com/doi/full/10.1002/ajpa.22885>
- Coxworth JE, PS Kim, JS McQueen & K Hawkes 2015 Grandmothing life histories and human pair bonding. *Proc Nat Acad Sci USA* 112 (38): 11806-11811. <https://www.pnas.org/content/112/38/11806>
- Hawkes K. & JE Coxworth 2015 Grandmothing & the evolution of human sociality. In *Emerging Trends in the Social and Behavioral Sciences*, ed by RA Scott & SM Kosslyn. Sage.
- Cloutier TC, JE Coxworth & K Hawkes 2015 Age-related decline in ovarian follicle stocks differ between chimpanzees (*Pan troglodytes*) and humans. *Age* 37:1-9. NIHMSID #656142  
<https://link.springer.com/article/10.1007%2Fs11357-015-9746-4>
- Hawkes K, O’Connell JF & Blurton Jones NG 2014 More lessons from the Hadza about men’s work. *Hum Nat* 25(4): 596-619. <https://link.springer.com/article/10.1007/s12110-014-9212-5>
- Herzog NM, Parker CH, Keefe ER, Coxworth JE, Barrett A & Hawkes K 2014 Fire and home range expansion: A behavioral response to burning among savannah dwelling vervet monkeys (*Chlorocebus aethiops*). *Am J Phys Anth* 154 (4): 554–560 <https://onlinelibrary.wiley.com/doi/full/10.1002/ajpa.22550>
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<https://www.sciencedirect.com/science/article/pii/S0022519314001465>
- Hawkes K 2014 Primate sociality to human cooperation, why us & not them? *Hum Nat* 25 (1):28-48.  
<https://link.springer.com/article/10.1007/s12110-013-9184-x>
- Parker CR, WE Grizzle, JK Blevins & K Hawkes 2014 Development of adrenal cortical zonation and expression of key elements of adrenal androgen production in the chimpanzee (*Pan troglodytes*) from birth to adulthood. *Molecular and Cellular Endocrinology* 387: 35–43. doi:10.1016/j.mce.2014.02.010
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<https://onlinelibrary.wiley.com/doi/full/10.1002/evan.21382>
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- Hawkes K 2012 Stag hunts or rearing environments? comment on M Tomasello et al. Two key steps in the evolution of human cooperation: The interdependence hypothesis. *Curr Anthropol* 53(6):687-88.

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- O'Connell JF, J Allen, K Hawkes 2010 Pleistocene Sahul and the origins of seafaring . In *The Global Origins and Development of Seafaring*, edited by A. Anderson, J. Barrett, and K. Boyle. Pp 57-68. Cambridge: The McDonald Institute for Archaeological Research, Cambridge University.
- Hawkes K 2010 Grandmother effects, heterogeneity, and the evolution of human aging: Guidance from human-chimpanzee comparisons. *Proc Nat Acad Sci (USA)* 107 (Supplement 2):8977-8984. [https://www.pnas.org/content/107/Supplement\\_2/8977](https://www.pnas.org/content/107/Supplement_2/8977)
- Hawkes K 2010 Der Großmutter-Effekt, In *Evolution und Kultur des Menschen*, edited and translated by EP Fischer und Klaus Wiegandt, pp 170-196. Frankfurt: Fischer Taschenbuch Verlag.
- Hawkes K, JF O'Connell, JE Coxworth 2010 Family provisioning is not the only reason men hunt. *Curr Anthropol* 52(2): 259-264. <https://www.journals.uchicago.edu/doi/full/10.1086/651074>
- Hawkes K & KR Smith. 2009 Evaluating grandmother effects. *Am J Phys Anthropol* 140: 173-176. <https://onlinelibrary.wiley.com/doi/abs/10.1002/ajpa.21061>
- Hawkes, K, KR Smith, & SL Robson 2009 Mortality and fertility rates in humans and chimpanzees: how within-species variation complicates Cross-species comparisons. *Am J Hum Biol.* 21:578–586. <https://onlinelibrary.wiley.com/doi/abs/10.1002/ajhb.20890>
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- Lacreuse A, L Chennareddi, KG Gould, K Hawkes, SR Wijayawardana, Ji Chen, KA Easley, JG Herndon 2008 Menstrual cycles continue into advanced old age in the common chimpanzee (*Pan troglodytes*) *Biol Reprod* 79: 407-412. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2547989/>
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- Jones KP, LC Walker, D Anderson, A Lacreuse, SL Robson & K Hawkes 2007 Depletion of ovarian follicles with age in chimpanzees: Similarities to humans. *Biol Reprod* 77:247–251.
- Hawkes K 2006 Life history theory and human evolution, In *The Evolution of Human Life History*, edited by K Hawkes & R Paine, pp 45-93. Santa Fe: School of American Research Press.
- Hawkes K 2006 Slow life histories and human evolution, In *The Evolution of Human Life History*, edited by K Hawkes & R Paine, pp 95-126. Santa Fe: School of American Research Press.
- Robson SL, CP van Schaik & K Hawkes 2006 The derived features of human life history, In *The Evolution of Human Life History*, edited by K Hawkes & R Paine, pp 17-44. Santa Fe: School of American Research Press.
- Hawkes K & JF O'Connell 2005 How old is human longevity? *J Hum Evol* 49: 650-653 <https://www.sciencedirect.com/science/article/pii/S0047248405001508?via%3Dihub>
- Hawkes K & NG Blurton Jones 2005 Human age structures, paleodemography, and the grandmother hypothesis. In *Grandmotherhood: the Evolutionary Significance of the Second Half of Life*, edited by E. Voland, A. Chasiotis & W. Schiefenovel pp 118-140 Rutgers University Press.
- Blurton Jones N, K Hawkes, & JF O'Connell 2005 Hadza grandmothers as helpers: Residence data. In *Grandmotherhood: the Evolutionary Significance of the Second Half of Life*, edited by E. Voland, A. Chasiotis & W. Schiefenovel pp 160-176 Rutgers University Press.
- Blurton Jones N, K Hawkes, & JF O'Connell 2005 Older Hadza men and women as helpers: Residence data. In *Hunter-Gatherer Childhoods: Evolutionary, Developmental & Cultural Perspectives*, edited by B. S. Hewlett & M. E. Lamb, pp 214-236. New Brunswick NJ: Aldine Transaction Publishers.
- Hawkes K 2004 The grandmother effect (News & Views on Lahdenpera et al in same issue) *Nature* 428: 128-9. <https://www.nature.com/articles/428128a>

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- Hawkes K 2003 Grandmothers and the evolution of human longevity. *Am J Hum Biol* 15: 380-400. <https://onlinelibrary.wiley.com/doi/abs/10.1002/ajhb.10156>
- Hawkes K, JF O'Connell & N. G. Blurton Jones 2003 Human life histories: primate tradeoffs, grandmothers, socioecology, and the fossil record. In *Primate Life Histories & Socioecology*, edited by P. Kappeler and M. Pereira, pp 204-227. Chicago: University of Chicago Press.
- O'Connell JF, K Hawkes, KD Lupo, & NG Blurton Jones 2002 Male strategies and Plio-Pleistocene archaeology. *J Hum Evol* 43: 831-872. <https://www.sciencedirect.com/science/article/pii/S0047248402906044>
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- Blurton Jones NG, K Hawkes, and JF O'Connell 2002 Antiquity of postreproductive life: Are there modern impacts on hunter-gatherer postreproductive life spans? *American Journal of Human Biology* 14 (2): 184-205 <https://onlinelibrary.wiley.com/doi/abs/10.1002/ajhb.10038>
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- Hawkes K, JF O'Connell & NG Blurton Jones 2001a Hadza meat sharing. *Evolution & Human Behavior* 22: 113-142. <https://www.sciencedirect.com/science/article/pii/S1090513800000660>
- Hawkes K 2001 Is meat the hunter's property? Ownership & explanations of hunting and sharing. In *Meat-eating and Human Evolution*, edited by C. Stanford and H. Bunn, pp. 219-236. Oxford: Oxford University Press.
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- Blurton Jones NG, K Hawkes & JF O'Connell 1999 Some current ideas about the evolution of the human life history. In *Comparative Primate Socioecology*, edited by P. C. Lee, pp. 140-166. Cambridge University Press.
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**Manuscripts submitted, in review & circulated**

- Galvin KA, K Hawkes, JA. Maga, JF O'Connell & NG Blurton Jones. The composition of some wild plant foods used by East African hunter-gatherers (submitted). [Now posted under resources on Cambridge U Press website for Blurton Jones 2016 "Demography and Evolutionary Ecology of Hadza Hunter-Gatherers" [www.cambridge.org/9781107657052](http://www.cambridge.org/9781107657052)]
- Hawkes K & SL Robson. Primate comparisons, grandmothers, and the evolution of human Longevity, for *Exceptional Longevity*, edited by Thomas Perls. Johns Hopkins University Press. (book project abandoned by publisher).
- O'Connell JF & K Hawkes. Social hierarchies among indigenous Australians. Invited for "Pathways to Power," Annual Meeting of the Society for American Archaeology, Austin; April 2007 (circulated).
- Cloutier Barbour CL, FBM deWaal & K Hawkes. Grip strength declines faster with age in female chimpanzees (Pan troglodytes) than in women (in revision)
- Hawkes K. (in press) Darwin on sexual selection & human evolution. In JF Derry (ed) Darwin & Our Relationship with Nature
- Hawkes K. (in press) Answers to question from Sergio Almécija. In S Almécija (ed) Humans. Columbia Univ Press.
- O'Connell JF & Hawkes K (in revision) Evolution of human life history: subsistence, mating sex ratios, carnivore competition.
- Nitschke MC, Kumar V, Milliner KE, Hawkes K & Kim PS (submitted) Evolution of human pair bonds as a consequence of male-biased mating sex ratios?

**Book Reviews**

- The Slow Moon Climbs: The science, history, and meaning of menopause*, by Susan Mattern (2019 Princeton U Press) in *Evolutionary Studies in Imaginative Culture* Fall 2020 Vol 4.2: 171-176.
- Mothers and Others: The evolution of human understanding*, by Sarah Blaffer Hrdy (2009 Belknap; Harvard) *Evolutionary Anthropology* 18:228-229.
- Mother Nature: A History of Mothers, Infants, and Natural Selection*, by Sarah Blaffer Hrdy (1999 Pantheon). *Nature* 402 (11 November 1999): 120-121.
- Inujjuamiut Foraging Strategies: Evolutionary Ecology of an Arctic Hunting Economy*, by Eric A. Smith (1991 Aldine de Gruyter). *American Ethnologist* (1994) 21:1039-1040.
- Anthropology for Archaeologists: An Introduction*, by Byrony Orme (1981 Cornell University Press). *American Anthropologist* (1984) 86:767-768.
- Human Nature and History: A Response to Sociobiology*, by Kenneth Bock (1980 Columbia University Press), *The Red Lamp of Incest*, by Robin Fox (1980 E. P. Dutton) *American Ethnologist* (1983) 10:182-184.
- On the Evolution of Human Behavior: The Argument from Animals to Man*, by Peter C. Reynolds (1981 University of California Press). *American Scientist* (1983) 7:208.
- Etoro Social Structure: A Study in Structural Contradiction*, by Raymond Kelly (1977 University of Michigan Press). *American Ethnologist* (1979) 6:177-180.

**INVITED LECTURES AND PRESENTATIONS 1990-present**

- 2023 Comparative infancies & the evolution of human social appetites. Research Seminar IAST Toulouse March 23  
The centrality of grandmothers in human evolution: Why us not them? IAST Toulouse March 21  
Why Us, Not Them? The centrality of grandmothers in human evolution. Darwin Day NHMU, SLC UT Feb 14
- 2022 Are Grandmothers the Key to Our Evolutionary Success? Ilari Mäkelä's On Humans podcast 5 November <https://on-humans.podcastpage.io/episode/6-are-grandmothers-the-key-to-our-evolutionary-success-kristen-hawkes>  
Hadza men's big game hunting returns 1985-85 O'Connell & Hawkes. Living Livelihoods, Schmitt & Lupo chairs CHAGS13 University College Dublin, Dublin Ireland June 30.
- 2021 Evolution of human life history: subsistence, mating sex ratios, carnivore competition. with JF O'Connell  
Cambridge BiolAnth Seminar Series 27 October presented online  
Sexual selection, carnivory, and life history evolution in the human radiation. DySoC / Exeter Webinar Series  
Evolution & Social Systems Oct 12 [https://www.dysoc.org/ess\\_webinars#sp3](https://www.dysoc.org/ess_webinars#sp3)  
'Man the hunter' may not have brought us here. The cocktail conversations. Michele Michell many zooms.  
dropped April <https://www.thecocktailconversations.com/episodes-1/man-the-hunter-may-not-have-saved-us>  
Ancestral grandmothers & human evolution. Darwin Day Talk. Center for the Study of Human Evolution, NYU  
Feb 11 <https://www.youtube.com/watch?v=eeQJSJ8rGmKw>
- 2020 Ancient Grandmothers, African Savannas CARTA virtual symposium: Exploring the human-ape paradox. Oct 24 <https://carta.anthropogeny.org/mediaplayer/play/322068/305131>



- Grandmother Hypothesis. interview by Christopher Kelly for podcast Nourish/Balance/Thrive. March 17  
[https://nourishbalancethrive.s3.amazonaws.com/podcast/kristen\\_hawkes\\_mar20.mp3](https://nourishbalancethrive.s3.amazonaws.com/podcast/kristen_hawkes_mar20.mp3)
- Menopause interview by Wendy Walsh for iHeart Media podcast Mating Matters. Jan 29.
- The centrality of ancestral grandmothers in human evolution. Symposium: Reproduction: The Female Perspective from an Integrative & Comparative Framework. Society for Integrative & Comparative Biology Austin TX. Jan 5
- 2019 The Grandmother hypothesis. Interview by Ricardo Lopes, The Dissenter Dec 13 <https://youtu.be/1M-5lv4muRg>
- Grandmothers & Human Evolution. Leakey Foundation Lecture. Houston Museum of Natural Science, Nov 6.  
<https://youtu.be/PJk00JpOeVQ>
- Grandmothers & Human Evolution. Julia Booms Memorial Lecture. Harvard, Cambridge MA, October 10.
- Grandmothers & Human Evolution. 6<sup>th</sup> Intl Conf Polish Soc. for Human & Evolution Studies, Keynote. Prague, Sept 24.
- Menopause and how older women are essential to societies. Interview on Empowered Health  
<https://podcasts.apple.com/us/podcast/ep-25-menopause-how-older-women-are-essential-to-societies/id1452440833?i=1000449096713>
- Hunter-Gatherers: Life History & Reproduction. CARTA 10<sup>th</sup> Anniversary: Revisiting the Agenda. San Diego. March 23 <https://www.ucsd.tv/search-details.aspx?showID=34706>
2018. Cognitive consequences of ancestral grandmothering? Expanding brains and the social ecology of human development Life history & learning workshop. Berkeley CA October 26-28.
- Grandmothering & Human Evolution: Why separate nuclear families can make things hard on everyone. NAS expert meeting: Leveraging rarely investigated populations for research on aging Washinton DC July 2
- The Evolutionary importance of mothers and grandmothers. The Insight, podcast May 9  
<http://insitome.libsyn.com/website/the-evolutionary-importance-of-mothers-and-grandmothers>
- Grandmothers & human evolution. Anthropology. SMU, Dallas. March 22
- 2017 Human life history evolution. Visiting Lecturer. Human Biology. Stanford University. Stanford CA Oct 16-7
- Grandmothering & human evolution: The life history framework of our lives Psych Colloq Cornell Ithaca Sept 29
- Grandmothering & Human Evolution: Some updates. Anthropology Colloquium. Univ. Toronto. Toronto May 11
- The Grandmother Hypothesis & Human Evolution. Jane B Hart Lecture. George Wash. U. Wash DC March 22
- 2016 The Grandmother Hypothesis & Human Evolution. Iowa State Lectures Program. Iowa State Univ. Ames IA October 26 <https://www.youtube.com/watch?v=KF951b6ha3s>
- Human life history evolution. Visiting Lecturer. Hum Biol. Stanford University. Stanford CA October 17-18
- Grandmas. Interview by Zacha Rosen “Not what you think” #403 FBI radio  
<https://itunes.apple.com/us/podcast/403-grandmas-kristen-hawkes/id954086718?i=1000375672976&mt=2>
- Grandmothers & human evolution. Sydney Science Festival. Univ of Sydney. Sydney Australia Aug 15.  
[http://sydney.edu.au/sydney\\_ideas/lectures/2016/professor\\_kristen\\_hawkes.shtml](http://sydney.edu.au/sydney_ideas/lectures/2016/professor_kristen_hawkes.shtml)
- The grandmother hypothesis. Leakey Foundation. Origin Stories – episode 15  
<https://soundcloud.com/origin-stories/episode-15-the-grandmother>
- 2015 Human aging and menopause (revised). Evolutionary Medicine. Henry Stewart Talks. Recorded Feb 2.
- Grandmothers & human evolution. Univ of Pennsylvania, Psych Department, Philadelphia PA Nov 16
- Grandmothering, human evolution, and some aging physiology. Dep’t Seminar, Biology U of Utah, Nov 5
- Human life history evolution. Visiting Lecturer. Hum Biol. Stanford University. Stanford CA October 14-15
- Ethnoarchaeology plus a theory of behavior: Jim O’Connell’s Hadza work. SAA Symposium, A sense of question: Papers in honor of James F O’Connell. San Francisco CA April 25.
- Outstanding Professor Series. Hinkley Institute of Politics. U of U April 1 [www.youtube.com/watch?v=OJ0bJEC9w](http://www.youtube.com/watch?v=OJ0bJEC9w)
- Grandmothers & Human Evolution. School for Advanced Research Lecture Series. SAR Santa Fe NM Feb 19.  
<https://www.youtube.com/watch?v=HdVISEltcKQ>
- 2014 Grandmothers & human childrearing. University Women’s Club, U of Utah, November 10.
- Human life history evolution. Visiting Lecturer. Human Biology. Stanford University October 13-16.
- Grandmothers & human evolution. Robert Tryon Lecture UC Berkeley Oct 15 [www.youtube.com/watch?v=XMi2w52dKCCQ](http://www.youtube.com/watch?v=XMi2w52dKCCQ)
- Grandmothers & the evolution of human sociality. Development Group. Psych. UC Berkeley, October 13
- Grandmothers’ consequences for human evolution? Biol Seminar Series. U of U. Salt Lake City. October 2
- Grandmothers & the evolution of human longevity. Superhuman Radio. July 30.
- Grandmothers & the extended family. CARTA symposium: From Birth to Grandmotherhood: in human evolution. UCSD. San Diego. February 21 [www.uctv.tv/shows/CARTA-Birth-to-Grandmotherhood-Childrearing-in-Human-Evolution-Kristen-Hawkes-Grandmothers-and-the-Extended-Family-28036](http://www.uctv.tv/shows/CARTA-Birth-to-Grandmotherhood-Childrearing-in-Human-Evolution-Kristen-Hawkes-Grandmothers-and-the-Extended-Family-28036)
- Human Life history evolution. Visiting Lecturer. Human Biology. Stanford. October 2014.
- Grandmothers & human evolution. Margo Wilson Memorial Lecture. McMaster University. October 3.  
[www.youtube.com/watch?v=qZvxu0zVhdA](http://www.youtube.com/watch?v=qZvxu0zVhdA)

- 2013 Why does it take so many disciplines to understand human evolution? EE Just Symp. Dartmouth. Hanover New Hampshire. Oct 5  
 Are chimpanzee comparisons indispensable to explanations of human aging? Symposium on Comparative Medicine. Park City UT September 14.  
 Grandmothering & the evolution of human sociality. Plenary. Northwest Evol, Ecol & Hum Beh Symp. Boise Idaho April 20.
- 2013 Grandmothering and human evolution. Plenary. European Hum Beh & Evol Assn. Amsterdam Netherlands. March 27.  
 Grandmothering & human evolution Department of Ecology & Evolution. University of Tennessee. Knoxville TN, Feb 8  
 Grandmothering and the human lifespan. Academic minute WAMC Jan 1  
<https://www.wamc.org/post/dr-kristen-hawkes-university-utah-grandmothering-and-human-lifespan>
- 2012 Development, evolution, and why we do science. EE Just Symposium, Dartmouth, Hanover NH, Sept 28.  
 From men's hunting to the importance of grandmothers: Lessons about human evolution from the behavioral ecology of foragers. Leakey symposium: The Female in Evolution. San Francisco, April 28.  
 The grandmother hypothesis and rates of aging. In CARTA symposium: Culture-gene interactions in human origins. UCSD. San Diego CA, April 12.  
 Scientist in the spotlight, NHMU. Salt Lake City UT. February 3.
- 2011 Life history comparisons & human evolution. In What use is human nature? Karola Stotz & Paul Griffiths organizers. Int'l Society of the History, Philosophy & Social Studies of Biology. U of Utah, July 11.  
 Comparative evidence for the evolution of aging in our lineage: humans vs chimpanzees In What Makes Us Human? AAPA Special Session. What We Can Learn from Biological Anthropology organized by B Campbell & JM Calcano. Minneapolis. April 13.  
 Grandmothers and the evolution of human life history. Utah State University Museum of anthropology, Saturdays at the Museum. Logan UT. January 29.
- 2010 Grandmothers and the evolution of human life history. Marriot Library & U of Utah Press series: Adventures in Anthropology. Salt Lake City. October 7.  
 Grandmothers and human evolution. KUER Radio West. March 17.  
 Human aging and menopause. Evolutionary Medicine. Henry Stewart Talks. <http://hstalks.com/>  
 Submission completed August 19.
- 2009 The evolution of human life history: Consequences for human aging. Sackler Colloquium. In the light of Evolution IV: The Human Condition. Irvine CA. December 11.  
 Evolution & human aging. Symposium on Evolutionary Medicine. World Health Summit. Berlin. Germany Oct 15  
 Grandmother hypotheses: claims & evidence. Int'l Congress of Americanists. Mexico City Mexico. July 24.  
 Our grandmothering life history. Symposium: The shadow of Darwin in humanity today. Darwin Festival. Cambridge UK. July 9.
- 2009 Do women stop early? Comparing fertility decline in humans & chimpanzees. NIA Reproductive Aging Workshop. Georgetown. Washington DC. June 4.  
 Aging comparisons between humans & chimpanzees. AAPA special session: Comparative Primate Life History, Chicago, IL. April 30.  
 Grandmother effects. „Forum für Verantwortung“ European Academy. Otzenhausen, Germany March 29.  
 Strength across adulthood: Can chimpanzee comparisons clarify the evolution of human aging? GSIEP lecture series. U of Utah. Salt Lake City UT. January 23.
- 2008 Hunter-gatherers & life histories. CARTA opening. UCSD. San Diego CA September 19.  
 Vital rates in humans and chimpanzees: How within species variation complicates cross- species comparisons. Plenary 2nd Evolutionary Demography IUSSP workshop Bristol UK July 22.  
 Grandmothers, human-chimpanzee comparisons, and heterogeneity effects. MPI for Demographic Research. Rostock, Germany. July 18.  
 Grandmothers & human evolution. MPI for Evolutionary Anthropology. Leipzig, Germany. July 16.
- 2007 What about Elders? For “The world as it was” organized by J Diamond & J Robinson. Cambridge MA May 1.  
 The evolutionary legacy of post-menopausal longevity & a grandmother hypothesis. Plenary North American Menopause Society Meetings. Dallas. October 4.  
 Population age structure & human evolution: The special importance of grandmothers. Plenary German Anthropol. Association Meeting. Freiburg, Germany. Sept 13.  
 Human-Chimpanzee life history comparisons: similarities & differences in fertility & mortality. Evolutionary Morphology Series. University of Chicago Jan 18.

- 2006 Selection for longevity in human evolution. NAS Sackler Colloquium: New comparative Biology of Human Nature. J Kaas, T Preuss, J Allman, SM Fitzpatrick organizers. Irvine Nov 17.  
 Life history comparisons between humans & chimpanzees. POH. San Diego July 29.  
 The evolution of human longevity. The Graduate University for Advanced Studies. [SOKENDAI]. Hayama, Katugawa, Japan. March 11.  
 Longevity & the evolution of human life history. In "The Uniqueness of Human Growth in Evolutionary Perspectives." Gakushi-Kaikan, Tokyo, Japan. March 9-10.  
 Human/chimpanzee comparisons for understanding human aging. Stanford Biodemography Conf. Napa CA. Feb 10-12.  
 Grandmothers & the evolution of human longevity. Visiting Lecturer, Western Michigan U. Kalamazoo MI February 9.  
 Why do men hunt? Ethnographic lessons about the evolution of men's work. Visiting Lecturer, Western Michigan University. Kalamazoo MI February 9.
- 2005 Grandmothers and the Evolution of Human Longevity. Visting Lecturer. Univ of Tennessee. Knoxville TN October 6 .  
 How old is human longevity? Visting Lecturer. University of Tennessee. Knoxville TN October 5.
- 2004 Grandmothers & the Evolution of Human Longevity. Frontiers of Science Lecture. College of Mines & Earth Science/ College of Science. Univ of Utah. Salt Lake City UT Dec 1.  
 Grandmothers & the evolution of human longevity. The Longevity Consortium Meetings. New York. September 19  
 Longevity, primate life histories, & human evolution: a Grandmother Hypothesis. Yerkes Research Center. Emory University. Atlanta GA, September 14.  
 Life History evolution in the genus *Homo*. LOH San Diego CA, November 6.  
 Grandmothers & the evolution of human life histories. Department of Biological Anthropology & Anatomy. Duke University. Durham NC. 19 March.  
 Grandmothers, Longevity, & Human Evolution. Anthropology Department. U Maine. Orono. 20 Feb.
- 2003 Grandmothers, Longevity, and Human Evolution. Centennial Tribute to Louis Leakey. The Field Museum. Chicago IL. October 11.  
 Grandmothers & the Evolution of Human Life Histories. Department of Anthropological Sciences Colloquium. Stanford U Stanford CA, 19 May.  
 Grandmothers & the Evolution of Human Life Histories. Leakey Speaker Series on Human Origins. Cal Tech, Pasadena CA 19 March.  
 Lessons from Being Wrong: A brief history of assumptions and hypotheses about human evolution. Plenary 17th National Conference on Undergraduate Research U of Utah, Salt Lake City UT 13 March.  
 The evolution of human life histories. Project for Explaining the Origin of Humans. Salk Institute for Biological Sciences. San Diego CA 8 March.
- 2002 Slow life histories & the role of grandmothers in human evolution. SAR Advanced Seminar on The Evolution of Human Life Histories., Santa Fe, NM Nov 2-8, 2002  
 Grandmothers & human evolution. Annual Anthropology Lecture. Pomona College CA , 24 Oct.  
 Slow life histories & human evolution. UC Berkeley Demography Group, Berkeley CA 9 October.  
 Slow life histories & the role of grandmothers in human evolution. In Grandmothers: The Psychological, Social & Reproductive Significance of the Second Half of Life. Organized by G Roth, E Voland, A Chasiotis & W Schiefenovel, Hanse Institute for Advanced Study, Demenhorst, Germany, September 19-22.  
 Discussant, NRC Workshop on the Biodemography of Fertility & Family Behavior. Washington DC June 7-8  
 Grandmothers, the evolution of genus *Homo* & the early archaeology. So Cal Primate Research Forum: Production & Reproduction; the evolution of primate & human life histories. Fullerton April 27.  
 Grandmothers & the evolution of human life histories. Plenary session: Strategies for Reproductive Success. Human Biology Assoc Annual Meetings. Buffalo April 13.  
 Paleolithic archaeologists need evolutionary anthropology: Riddles of early *Homo*. Archaeology division of AAA. SAA Meetings. Denver March 23.
- 2001 Working mothers & grandmothers: the evolution of human life history. Visiting Lecturer. Univ of Tenn. Knoxville. Nov 1.  
 Why do men hunt? Showing off & the evolution of men's work. Visiting Lecturer Univ Tenn. Knoxville. Oct 31  
 Nonhuman perspectives on human evolution. Invited Plenary. Association for the Study of Animal Behavior. Summer conference. Univ of Glasgow, Glasgow Scotland UK Sept 20.

- 2001 Foraging, life histories & paleoanthropology: the evolution of human families. Plenary. HBES Annual Meetings, UCL, London UK, June 16.  
 Why do men hunt? Lessons from the Hadza about men's work. Univ of Mich EHAP sem series. Ann Arbor MI March 23.  
 Why do men hunt? Evolutionary lessons from the Hadza. Anthro Colloquium. Wash State U Pullman WA March 12.
- 2000 The evolution of human aging: why are our life spans so long? Mating, Parenting & Subsistence: The evolution of male & female strategies in humans & primates, a symposium in honor of Irven DeVore. U of Minn, Minneapolis Oct 7  
 Grandmothering & the evolution of human life histories. UC Berkeley Demography Group. Berkeley CA Feb 3  
 The evolution of human life histories: lines of evidence to explain human uniqueness. Invited for the symposium Primate socio-ecology: The role of life histories. German Primate Center (DPZ), Goettingen, Germany, 14-17 Dec
- 1999 Showing off & the evolution of men's work. Invited for the workshop Signs of Quality: The handicap principle in biology, economics, & culture. University College, London, 8 Dec  
 Why do women have mid-life menopause? Grandmothering & the evolution of human longevity. 10th Reinier de Graff Symposium: Female Reproductive Aging. Zeist, Netherlands, 10-11 Dec  
 Humans and the other hunting apes. Invited for the symposium, Leakey Foundation: The Next Generation. Temple of the Wings, Berkeley CA, 24 April.  
 Grandmothers, hunting and human nature. Invited for the course The Origin and Evolution of Sexual Behavior (Biology 174). Harvard University, Cambridge MA April 19.  
 Looking for individual benefits: Why do men hunt? Invited for the 1999 Aldrich Utah Philosophy Colloquium on "Human Nature." University of Utah, 12 February 12.  
 Male mating competition and human evolution: sexual divisions of labor and multiple fatherhood. invited for the symposium, Partible Paternity. Annual Meetings of AAAS, Anaheim CA 22 Jan
- 1998 Grandmother, hunting, and human evolution. Symposium on Evolutionary Anthropology. Max Planck Institute for Evolutionary Anthropology. Leipzig, 29-31 October.  
 Is meat the hunter's property? Ownership and explanations of hunting and sharing. Wenner Gren conference on The Early Human Diet: The Role of Meat. Madison, 1-5 Oct  
 The importance of ownership in explanations of hunting and meat sharing. Symposium on Cooperation, Reciprocity, and Food Sharing in Human Groups: Some Contemporary Approaches. Association for Politics and the Life Sciences, Boston, 4 September.  
 Demography of modern hunters & gatherers and primate life histories: Lessons for prehistory. Curso De Verano Universidad Complutense de Madrid La Vida En La Preshistoria: La Paleobiologia De Nuestros Antepasados. El Escorial de San Lorenzo, Spain, August.  
 Grandmothers, gathering & the evolution of human diets. Symposium on The Evolution of Human Diets, Int'l Congress of Archaeological and Ethnological Sciences, Williamsburg, July.  
 Who owns the meat? Ownership & explanations of hunting & sharing. MacArthur Preferences Network Meeting, Stanford, July.  
 Grandmothering, menopause, and the evolution of human life histories. Evolution and Human Adaptation Lecture Series, U. of Michigan, February 24.  
 Grandmother, menopause & human evolution. Evolutionary Biology Winter Symposium. U of Georgia, 9 Feb  
 Hunting & meat sharing: evolution of the nuclear family reconsidered. Evol Biology Winter Symposium, U of Georgia, 8 Feb
- 1997 Grandmothers, menopause and human evolution. Cal. Acad of Sciences, 3 November.  
 Another role for food sharing: are human life histories the evolutionary legacy of grandmothers? 2<sup>nd</sup> Annual Glynn Isaac Memorial Lecture. Univ Capetown, South Africa 30 Sept  
 Some effects of resource ownership on resource use. In Theme Symposium: The Role of Native Peoples in Shaping Ecosystems. Plenary Session Annual Meeting of the Ecological Society of America, Albuquerque, 12 August.  
 Big game hunting & the riddle of egalitarian societies. Department of Anthropology; UC, Davis, 11 April.  
 Grandmothering & the evolution of human life histories. Evolution & Ecology Seminar Series. UC Davis, 10 April.  
 Menopause: evolutionary causes; fossil and archaeological consequences (with J. O'Connell and N. Blurton Jones). Paleoanthropology Soc. Meetings, St. Louis, 2 April. [Coverage in Science 25 April 1997.]  
 What are men hunting for? Fourteenth Annual Visiting Scholar Conference, Center for Archaeological Investigations, Southern Illinois U., Carbondale, 21 March.

- 1996 Maternal tradeoffs and the evolution of human life histories. Invited for the symposium Evolutionary Biology and Human Social Behavior: Twenty Years Later. Council for General Anthropology, Biological Anthropology Section, 95th Annual Meeting of the American Anthropological Association, San Francisco, 21 November.  
Hadza divorce & remarriage. Invited for symposium: Evolutionary Biology & Human Social Behavior: 20 Years Later. Council for General Anthropology, Biological Anthropology Section, 95th Annual Meeting of the American Anthropological Association, San Francisco, 21 November.  
Following the Hadza (with JF O'Connell, NG Blurton Jones). Symposium for the 66th Annual Meeting of the Rocky Mountain Psychological Society, Park City, 12 April.
- 1995 Links between food sharing & post-menopausal life spans: Evolutionary lessons from the Hadza. Anthropology, Harvard University. Cambridge, 22 March.  
Food sharing, menopause, and long human life spans: Lessons from the Hadza. Department of Anthropology, Univ. of Arizona. Tucson, 9 February.  
Mother-child food sharing and menopause: Evolutionary lessons from the Hadza. Center for Ecology & Demography Seminar Series. Univ. of Wash., Seattle, 19 Jan.
- 1994 The evolutionary basis of sex variations in the use of natural resources: Human examples. Workshop on Women and Sustainable Development, Population-Environment Dynamics Project. Univ of Mich, Ann Arbor, 2 Dec  
Optimal foraging & the complication of sex: Interplay of models and data. Plenary talk (with J. O'Connell), American Quaternary Association, 13th Annual Meetings. University of Minn, Limnological Research Center, 21 June.  
Variation in hunter-gatherer mating patterns: what do we want to explain? Animal and Human Mating Systems Workshop. University of California, Davis, 28 March.  
What's the difference between paternal effort and mating effort and why does it matter? Animal & Human Mating Systems Workshop. U. of California, Davis, 30 March.
- 1993 The children's guide to foraging; or, Why Hadza moms collect foods that kids are good at gathering. Leakey Symposium. Stanford University, 4 December.
- 1992 Traditional Lifeways & the History of the World. BYU Lecture Series, Museum of Peoples & Cultures Exhibit: Endangered Species: A Celebration of Our Cultural Diversity. Brigham Young University, Provo, Nov. 12.  
Why Hunter-Gatherers Work. Plenary. Human Behavior & Evolution Society Meeting, Albuquerque NM July 25  
Gathering, Hunting, & Human Evolution: Lessons from Modern Foragers. Idaho State U. Pocatello ID, March 9.
- 1991 Hardworking Hadza Grandmothers. Gallery Talk Utah Museum of Natural History. Exhibit: Children of the Baobab: Growing up Hadza, (JF O'Connell's photographs) Salt Lake City. July 21.  
Do Big Game Hunters Earn Nutritional Advantages? Hunting Income Patterns Among the Hadza. Invited for the Royal Society Discussion Meeting: Foraging Strategies and the Natural Diet in Monkeys, Apes and Humans, 30-31 May, London (with J O'Connell & N Blurton Jones).  
Nutrition of Infants & Children of Hunter-Gatherers. Ciba F'ndation Discussion Meeting, London, June 1. Gruter Institute Conference on Biological Perspectives in Teaching Law and the Social Sciences. Lake Tahoe, June 24-30.
- 1990 Who Works for Whom: Are Ache men showing off or provisioning? Dep't of Anthropology Series. UNM March  
Sex, Age, and Work Among the Hadza. Dep't of Anthropology Series. UNM. March.  
Difference Between Hadza & !Kung Children's Work: Original Affluence or Practical Reason? 6th Int'l Conf on Hunter-Gatherer Societies. Univ Alaska, Fairbanks, May (with NG Blurton Jones & P Draper)

### ETHNOGRAPHIC FIELD WORK

- |            |   |
|------------|---|
| 1988-1990  | Hadza: Northern Tanzania                        |
| 1988       | Dobe !Kung: Northern Botswana                   |
| 1985-1986  | Hadza: Northern Tanzania                        |
| 1980; 1982 | Ache: Eastern Paraguay                          |
| 1971-1972  | Binumarien: Eastern Highlands, Papua New Guinea |

**RESEARCH GRANTS**

- 2016-2019 Human post-menopausal longevity: modelling social changes that propelled its evolution  
Australian Research Council – Discovery Award \$396,338 to PS Kim, Chief Investigator  
(K Hawkes, Partner Investigator) Grant No. DP160101597
- 2015-2021 Burning Effects On Savannah Environments NSF - \$ 179,888 Grant No. BCS-1534554
- 2007-2014 Chimpanzee Reproductive and Physiological Aging NSF - \$ 266,340.00 Grant no. BCS – 0717886.
- 1988-1991 Hadza Subsistence, Sharing and Reproduction. NSF - \$150,000 (K. Hawkes, PI; J. O'Connell &  
N. Blurton Jones, Co-PI's) Grant No. BNS-8807436.
- 1986-1987 Subsistence, Sharing and Reproduction in a Hunter-Gatherer Group. University of Utah Biomedical  
Research Support Grant Committee \$1,200 - BRSO Grant . SO7 RR07092.
- 1985-1987 Subsistence, Sharing and Reproduction among the Hadza. NSF - \$130,000 (J. O'Connell, PI; K. Hawkes  
& N. Blurton Jones, Co-PI's) Grant No. BNS-8507859.
- 1984-1986 Ache Foraging. NIH - \$163,253. Grant No. 1 RO1 HD16221-01A2.
- 1983-1984 Ache Foraging. NSF - \$41,000. Grant No. BNS-8309834.
- 1983 Ethnographic Reconnaissance in Manu Park, Peru. U of Utah Research Committee - \$3,600.
- 1982-1983 Ache Foraging. NSF - \$87,000. Grant No. BNS-8121209.
- 1980-1981 Ache Foraging and Nutrition. University of Utah Biomedical Research Support  
Grant Committee - \$5,000. BRSO Grant No. SO7 RR07092.
- 1980-1981 Foraging Among the Ache of Eastern Paraguay. University of Utah Res. Committee \$5,000.
- 1971-1972 Kinship & Social Organization in Binumarien, Eastern Highlands, Papua New Guinea. NIMH – \$7,000.