

Dr Rebecca Sear, September 2016

Contact Details

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Research group webpage: <http://blogs.lshtm.ac.uk/evolutionarydemography>

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Education

PhD Anthropology, University College London, awarded 2001

Diploma in Statistics, University College London, awarded 2001 (with Distinction)

MSc Biological Anthropology, University College London, awarded 1994 (with Distinction)

BSc Zoology, University of Nottingham, awarded 1993 (1st class)

Previous Employment

Oct 2010-Mar 2012 *Reader in Evolutionary Anthropology* Department of Anthropology,
Durham University

Aug 2008-Sept 2010 *Senior Lecturer in Population Studies* Department of Social Policy,
London School of Economics

Sept 2002-July 2008 *Lecturer in Population Studies* Department of Social Policy,
London School of Economics

Jan-Aug 2002 *ESRC postdoctoral fellow* Department of Anthropology,
University College London

Oct-Dec 2001 *Visiting fellow* Laboratory of Survival & Longevity, Max
Planck Institute for Demographic Research,
Rostock, Germany

Honorary Positions

From Oct 2010 *Honorary Senior Lecturer* UCL Institute of Child Health

From April 2011 *Research Associate* Centre for the Philosophy of the Natural and
Social Sciences, London School of Economics

Professional Service

- *European Human Behaviour & Evolution Association*: founder member & Vice President 2008-2012
- *British Society for Population Studies*: Council Member 2003-05; Honorary Secretary 2005-09; Council Member 2015-date
- *Evolutionary Anthropology Society*: Member-at-Large 2015-date
- *The Galton Institute*: Officer of the Council, Webmaster & Chair of Grant Committee 2004-2013

Editorial Boards & Editing

- On Editorial Boards of *Evolutionary Psychology*, *PeerJ*, *PLoS ONE*
- On Editorial Advisory Boards of *Human Nature*, *Evolution & Human Behavior*
- Series Editor for EHBEA book series *Advances in the Evolutionary Analysis of Human Behaviour*
- Editorial Board Member for book series *Springer Briefs in Human Biology & Behavior*

Dr Rebecca Sear, September 2016

- Past Editorial Board member of *Journal of Evolutionary Psychology* 2007-2011; *Globalisation & Health* 2005-2013
- Guest Editor for special issues of *American Journal of Human Biology*; *Demographic Research*; *Human Nature*; *Philosophical Transactions of the Royal Society B*

Reviewing & Panels

- Member of the Assessor College for ESRC Grants
- Member of the Hercules Science Commission, Brussels, for the award of large research infrastructure grants
- Reviewer for (journals): *Advances in Life Course Research*, *Aging Cell*, *American Anthropologist*, *American Journal of Human Biology*, *American Journal of Physical Anthropology*, *Annals of Human Biology*, *Behavioral Ecology*, *Behaviour*, *Behavioral and Brain Sciences*, *Biology Letters*, *Current Anthropology*, *Current Biology*, *Demography*, *Economics & Human Biology*, *Evolution & Human Behavior*, *Evolutionary Psychology*, *Field Methods*, *Human Nature*, *Journal of Anthropological Sciences*, *Journal of Biosocial Science*, *Journal of Ethology*, *Journal of Marriage and Family*, *PLoS ONE*, *PLoS Medicine*, *Population and Development Review*, *Population Space and Place*, *Population Studies*, *Proceedings of the National Academy of Sciences USA*, *Proceedings of the Royal Society Series B*, *Personality and Individual Differences*, *Psychological Review*, *Scientific Reports*, *Social Biology*, *Sage Open*, *World Development*
- Reviewer for (publishers): Oxford University Press, Cambridge University Press, Harvard University Press, Princeton University Press, Wiley-Blackwell
- Reviewer for (funding bodies): ESRC, Leakey Foundation, Leverhulme Trust, NSF, Canada Social Sciences & Humanities Research Council
- Judge for *Human Behaviour and Evolution Society* awards: 2011 New Investigator award, 2012 Poster competition, & 2013 Early Distinguished Career Award

Invited Lectures & Workshops: International

- Plenary talk at Human Behavior & Evolution Society annual conference, Boise State University, May 2017
- Plenary talk at Polish Society for Human and Evolution Studies, 4th annual conference, Krakow, 20-22 Sept 2017
- Workshop on “Advancing Life Course Theories and Methods: Key Challenges and Solutions”, Hanse-Wissenschaftskolleg, Delmenhorst, Germany, Feb 2017
- Plenary talk at European Society for Historical Demography, Leuven Belgium, Sept 2016
- Seminar at the School of Humanities & Social Sciences, Hong Kong University of Science & Technology, Sept 2016
- Seminar at the Faculty of Social Sciences, University of Leuven, May 2016
- Invited talk at ‘The Evolution of Psychopathology’ seminar, Oakland University, Michigan, US, April 2016
- Invited talk on ‘The Future of Demography’, Max Planck Institute for Demographic Research, Rostock, Germany, March 2016
- Working group on ‘Genetic and social causes of life chances: New perspectives on pathways connecting the genome to social outcomes’, Bielefeld University Center for Interdisciplinary Research, Germany, Oct 2015
- Seminar at the Institute for Advanced Studies, Toulouse, Sept 2015
- Workshop ‘Biological & cultural contributions to child growth & maturation’, Haifa, May 2015
- Lancet special issue on ‘Evolutionary Public Health’ meeting, Arizona State University, Oct 2014
- 5th Nordic Evolutionary Psychology Meeting, Lammi, Finland, Sept 2014
- Workshop on ‘Intimate Relationships’, Wellington New Zealand, November 2013

Dr Rebecca Sear, September 2016

- Plenary talk at 'Evolutionary Demography' Symposium, European Society for Evolutionary Biology Conference, Lisbon, August 2013
- Invited panel member in panel on Open Access Publishing, European Human Behaviour and Evolution Association conference, Amsterdam, March 2013
- World Bank workshop on Gender Equality, Washington DC, January 2013
- Workshop on 'International Perspectives on Family Structures and Child Well-being', McGill University, Montreal, November 2012
- Anthropology Colloquium, UC Davis, February 2012
- Behavior, Evolution & Culture Seminar, UCLA, February 2012
- Evolutionary Studies Program Seminar, Binghamton University, US, November 2010
- Workshop on 'Long-term Implications of the Demographic Transition', Madrid, Spain, Sept 2009
- Swiss Etiological Study of Adjustment and Mental Health Summer School, Basel, Switzerland, Sept 2008
- Research Methods Workshop, Addis Ababa University, Ethiopia, March 2008
- Workshop 'Inheritance of Inequality in Pre-Modern Societies', Santa Fe Institute, New Mexico, US, March 2008
- Department of Anthropological Sciences, University of Stanford, US, 2006

Invited Lectures & Workshops: UK

- Wolfson College Science Society, Cambridge, February 2016
- Plenary talk at workshop on 'Early life developmental effects: unifying evolutionary and biomedical perspectives', Falmouth, Sept 2015
- Workshop on 'Perspectives on Cooperation', UCL, January 2015
- Workshop on 'Fertility: demography change in the South', Oxford University, Mar 2013
- Galton Institute Conference on 'Human and Primate Evolution', British Academy, Nov 2011
- Workshop on 'Applied Evolutionary Anthropology', Bristol University, Sept 2011
- Workshop on 'Contemporary Childbearing & Evolutionary Theory', Oxford University, Mar 2011
- Northeast Meeting on Evolution, Brains and Behaviour, Newcastle University, Jan 2011
- Seminar on 'The Darwinian Renaissance in the Humanities and Social Sciences' Queen Mary, University of London, November 2009
- Workshop on 'The Future of Human Reproduction', University of Oxford, June 2009
- Royal Statistical Society meeting on 'Demography of the Developing World', London, Mar 2009
- "Darwin Festival", University of Northampton, June 2009
- Symposium 'Biology, Evolution & the Social Science Curriculum', Cambridge, Apr 2008
- London Evolutionary Research Network (LERN), University College London, 2006
- Alloparenting Conference of the Biosocial Society, London, 2004

PhD Students

I have supervised 6 PhD students through to successful completion. All published work from their dissertations (to a current total of 14 publications; 3 more in prep or under review). Dates of graduation and current positions detailed below:

- Sandra Virgo (ESRC-funded), 2015, now Research Fellow LSHTM
- Susie Schaffnit (ERC-funded), 2014, now Research Fellow LSHTM
- Paula Sheppard (ESRC-funded), 2013, now Research Fellow, Oxford University
- Paul Mathews (ESRC-funded), 2011, now working for HM Treasury
- Dewi (Jani) Puradiredja, 2011, now Distance Learning tutor, LSHTM
- Neil Cummins, 2009, now Associate Professor, LSE

Current PhD students:

- Laura Brown (ESRC-funded), expected 2017

Dr Rebecca Sear, September 2016

- Sophie Hedges (ESRC-funded), expected 2018
- Anushe Hassan (ESRC-funded), expected 2019

Conference organisation

- Local host and co-organiser for European Human Behaviour & Evolution Association conference, April 2016
- Co-organiser for series of workshops on ‘Integrating evolutionary models of human fertility change’ held at and funded by the National Evolutionary Synthesis Center, Raleigh, North Carolina, US, 2013-14
- Session organiser for ‘*Evolutionary demography*’ session at the International Union for the Scientific Study of Population conference, South Korea August 2013
- Co-organiser of ‘*Evolutionary demography of fertility the influence of social networks*’ at the School for Advanced Research, Santa Fe, US, 18-20 June 2012
- Co-organised *British Society for Population Studies (BSPS)* workshop, 15-17 July 2009, Cambridge, on ‘Fertility declines in the past, present and future’
- Co-organised *International Union for the Scientific Study of Population* workshop, 23-25 July 2008, Bristol, on ‘Trade-offs in female life histories’
- Founder member of the European Human Behaviour and Evolution conferences (now re-launched as the *European Human Behaviour and Evolution Association*: <http://www.ehbea.com/>)
- Co-organiser and local host of the *European Human Behaviour and Evolution* conference at LSE, 28-30 March 2007
- Organised Evolutionary Demography strand at the 2005 *BSPS* Conference
- Developed and organised new strand at 2003 *BSPS* Conference on Evolutionary Demography

Recent conference presentations

- ‘*Does cooperation within the family influence fertility? A cross-cultural analysis*’ British Society for Population Studies, Sept 2016
- ‘*Does cooperation within the family influence fertility? A cross-cultural analysis*’ Power of the Family Workshop, Wageningen, Oct 2015
- ‘*What are the consequences of early life environment for fertility in human populations?*’ Evolutionary Demography Society conference, Lunteren, Netherlands, Oct 2015
- ‘*Cooperation and conflict: a cross-cultural investigation of how family influence fertility*’ Human Behaviour and Evolution Society conference, Missouri, US, May 2015
- ‘*Parental absence and age at first birth in Sweden: does the timing of absence matter?*’ European Human Behaviour and Evolution Association, Helsinki, April 2015
- ‘*What are the challenges for evolutionary anthropologists working (on fertility) in low fertility societies?*’ American Anthropological Association, Washington DC, Dec 2014
- ‘*Kin influences on fertility: a theoretical framework tested with a review of the literature*’ European Population Conference, Budapest, June 2014
- ‘*Father absence and age at first birth: a cross-cultural investigation*’ European Population Conference, Budapest, June 2014
- ‘*Kin influences on fertility: a theoretical framework tested with a review of the literature*’ Population Association of America conference, Boston, US, May 2014
- ‘*Father absence and age at first birth: a review of the literature*’ European Human Behaviour and Evolution Association conference, Bristol, April 2014
- ‘*Kin influences on fertility: a theoretical framework tested with a review of the literature*’ IUSSP cyberseminar on Family Demography, January 2014
- ‘*Cooperation and conflict within families: do kin help or hinder reproductive success?*’ Social Science History Association, Chicago, November 2013

Dr Rebecca Sear, September 2016

- 'Cooperation and conflict within families: do kin help or hinder reproductive success?'*
American Anthropological Association, Chicago, November 2013
- 'Family matters: a comparative study of how family influences fertility'*
Evolutionary Demography Society Conference, Odense, Denmark, Oct 2013
- 'Cooperation and conflict within families: how do kin influence fertility?'*
British Society for Population Studies, Swansea, UK, Sept 2013
- 'Family & Socioeconomic Predictors of Women's Childlessness in High-Income Countries'*
International Union for the Scientific Study of Population, Busan, South Korea, Aug 2013
- 'Father absence and age at first birth: what can a review of the cross-cultural evidence tell us about what fathers do for their children?'*
Human Behaviour and Evolution Society conference, Miami, US, July 2013
- 'Kin influences on fertility: a framework and a review'*
European Human Behaviour and Evolution Association conference, Amsterdam, Mar 2013
- 'Revealing the costs of reproduction in Gambian women using multiprocess, multilevel models'*
British Society for Population Studies conference, Nottingham, UK, Sept 2012
- 'Revealing the costs of reproduction in Gambian women using multiprocess, multilevel models'*
Human Behavior & Evolution Society conference, Albuquerque, US, June 2012
- 'The relationship between kin availability and fertility: a comparative analysis'*
Social Science & History Association, Boston, Nov 2011
- 'The relationship between kin availability and fertility: a systematic review'*
British Society for Population Studies Conference, York, Sept 2011
- 'Does testosterone correlate with marital and paternal status in a polygynous, high fertility population? A test in Gambian men'*
Human Behavior and Evolution Association Conference, Montpellier, France, July 2011
- 'What are the payoffs to growth in later life? A survey of height and reproductive outcomes in adulthood'* European Human Behaviour and Evolution Association Conference, Giessen, Germany, March 2011
- 'Are humans cooperative breeders? A review of the empirical evidence'*
International Society for Behavioural Ecology, Perth, Australia, Sept 2010
- 'Does wealth increase parental investment biases in education? Evidence from two sub-Saharan African populations on the cusp of the demographic transition'*
Human Behavior and Evolution Society Conference, Eugene, OR, June 2010
- 'The impact of kin on female fertility: a systematic review'*
International Union for the Scientific Study of Population, Marrakech, Oct 2009
- 'On the universality of human mate choice: does size matter to Hadza foragers?'*
Human Behavior and Evolution Society conference, Los Angeles, May 2009

Publications

Full texts of all can be found at https://www.researchgate.net/profile/Rebecca_Sear

Peer-reviewed journal articles

Mattison, S., & Sear, R. (in press) Modernising evolutionary anthropology. *Human Nature*

Stulp, G., Sear, R. & Barrett, L. (in press) The reproductive ecology of industrial societies, part I: why measuring fertility matters. *Human Nature*

Stulp, G., Sear, R., Mills, M., Schaffnit, S.B. & Barrett, L. (in press) The reproductive ecology of industrial societies, part II: on the association between wealth and fertility. *Human Nature*

Virgo, S. & Sear, R. (2016) Area-level mortality and morbidity predict 'abortion proportion' in England and Wales. *Evolution & Human Behaviour* **37**(5): 366-375

Dr Rebecca Sear, September 2016

- Sheppard, P., Pearce, M. & **Sear, R.** (2016) How does childhood socioeconomic hardship affect reproductive strategy? Pathways of development. *American Journal of Human Biology* **28**(3): 356-363
- Sheppard, P. & **Sear, R.** (2016) Do grandparents compete with or support their grandchildren? In Guatemala, paternal grandmothers may compete, and maternal grandmothers may cooperate. *Royal Society Open Science* **3**: 160069
- Sear, R.**, Lawson, D.W., Kaplan, H. & Shenk, M.K. (2016) Understanding variation in human fertility: what can we learn from evolutionary demography? *Philosophical Transactions of the Royal Society of London, B* **371**: 20150144
- Moya, C., Snopkowski, K. & **Sear, R.** (2016) What do men want? Re-examining whether men really can benefit from higher fertility than is optimal for women. *Philosophical Transactions of the Royal Society of London, B* **371**: 20150149
- Snopkowski, K. & **Sear, R.** (2016) Does grandparental help mediate the relationship between kin presence and fertility? *Demographic Research*. **34**(17): 467-498
- Sear, R.** (2016) Beyond the nuclear family: an evolutionary perspective on parenting. *Current Opinion in Psychology*. **7**: 98-103
- Sheppard, P., Garcia, J.R. & **Sear, R.** (2015) Childhood family disruption and adult height: is there a mediating role of puberty? *Evolution Medicine and Public Health*. **1**: 332-342
- Sear, R.** (2015) Evolutionary contributions to the study of human fertility. *Population Studies* **69**: sup1, S39-S55
- Snopkowski, K. & **Sear, R.** (2015) Grandparental help in Indonesia is directed preferentially towards needier descendants: a potential confounder when exploring grandparental influences on child health? *Social Science & Medicine* **128**: 105-114
- Moya, C. & **Sear, R.** (2014) Intergenerational conflicts may help explain parental absence effects on reproductive timing: a model of age at first birth in humans. *PeerJ* **2**:e512
- Snopkowski, K., Moya, C. & **Sear, R.** (2014) A test of the intergenerational conflict model in Indonesia shows no evidence of earlier menopause in female-dispersing groups *Proceedings of the Royal Society, Series B* **281**(1788): 20140580
- Sheppard, P.J., Snopkowski, K. & **Sear, R.** (2014) Father absence and reproduction-related outcomes in Malaysia, a transitional fertility population. *Human Nature* **25**(2): 213-234
- Schaffnit, S.B. & **Sear, R.** (2014) Wealth modifies the effects of kin on women's fertility in high-income countries. *Behavioural Ecology* **25**(4): 834-842
- Felisberti, F.M., & **Sear, R.** (2014) Postdoctoral researchers in the UK: a snapshot of factors affecting their research output. *PLoS ONE* **9**(4): e93890
- Sheppard, P.J., Schaffnit, S.B. Garcia, J.R. & **Sear, R.** (2014) Fostering relations: First sex and marital timings for children raised by kin and non-kin carers. *Evolution and Human Behaviour* **35**(3): 161-168
- Sheppard, P., Garcia, J. & **Sear, R.** (2014) A not-so-grim tale: how childhood family structure influences reproductive and risk-taking outcomes in a historical U.S. population. *PLoS ONE* **9**(3): e89539
- Nettle, D., Gibson, M.A., Lawson, D. & **Sear, R.** (2013) Human behavioural ecology: current research and future prospects. *Behavioural Ecology* **24**(5): 1031-1040

Dr Rebecca Sear, September 2016

- Mathews, P. & **Sear, R.** (2013) Family and fertility: kin influence on the progression to a second birth in the British Household Panel Study. *PLoS ONE* 8(3): e56941
- Mathews, P. & **Sear, R.** (2013) Does the kin orientation of a British female's social network influence her entry into motherhood? *Demographic Research* 28(11): 313-340
- Snopkowski, K. & **Sear, R.** (2013) Kin influences on fertility in Thailand: effects and mechanisms. *Evolution and Human Behavior* 34(2): 130-138
- Sheppard, P.J. & **Sear, R.** (2012) Father absence predicts age at sexual maturity and reproductive timing in British men. *Biology Letters* 8(2): 237-240
- Sear, R.** & Coall, D. (2011) How much does family matter? The implications of a cooperative breeding strategy for the demographic transition. *Population and Development Review* 37(s1): 81-112
- Brown, G., Dickins T., **Sear, R.** & Laland, K. (2011) Evolutionary accounts of human behavioural diversity. *Philosophical Transactions of the Royal Society of London* 366: 313-324
- Gibson, M. & **Sear, R.** (2010) Does wealth increase sibling competition for education? Evidence from two African populations on the cusp of the fertility transition. *Current Anthropology* 51(5): 693-701
- Fox, M., **Sear, R.**, Beise, J., Voland, E., Ragsdale, G. & Knapp, L.A. (2010) Grandma plays favourites: X-chromosome relatedness and sex-specific childhood mortality. *Proceedings of the Royal Society, Series B, Biological Sciences* 277(1681): 567-573
- One of Proc Roy Soc's top ten most downloaded papers for 2009 (published online in 2009)
- Gurven, M., Borgerhoff Mulder, M., Bowles, S., Hooper, P.L., Kaplan, K., Quinlan, R., **Sear, R.**, Schniter, E., von Rueden, C. Bell, A. & Hertz, T. (2010) Domestication alone does not lead to inequality: intergenerational wealth transmission among horticulturalists. *Current Anthropology* 51(1): 49-64
- Borgerhoff Mulder, M., Bowles, S., Hertz, T., Bell, A., Beise, J., Clark, G., Fazzio, I., Gurven, M., Hill, K., Hooper, P.L., Irons, W., Kaplan, H., Leonetti, D., Low, B., Marlowe, F., Naidu, S., Nolin, D., Piraino, P., Quinlan, R., **Sear, R.**, Shenk, M., Alden Smith, E. & Wiessner, P. (2009) Intergenerational wealth transmission and the dynamics of inequality in small-scale societies. *Science* 326(5953): 682-688
- Sear, R.** & Marlowe, F. (2009) How universal are human mate choices? Size doesn't matter when Hadza foragers are choosing a mate. *Biology Letters* 5: 606-609
- Sear, R.** (2008) Kin and child survival in Malawi: are matrilineal kin always beneficial in a matrilineal society? *Human Nature* 19(3): 277-293
- Mathews, P. & **Sear, R.** (2008) Life after death: an investigation into how mortality perceptions influence fertility preferences using evidence from an internet-based experiment. *Journal of Evolutionary Psychology* 6(3): 155-172
- Sear, R.** & Mace, R. (2008) Who keeps children alive? A review of the effects of kin on child survival. *Evolution & Human Behavior* 29(1): 1-18
- Thompson ISI's fast breaking paper in psychology for Oct 2009
- Shanley, D.P., **Sear, R.**, Mace, R. & Kirkwood, T.B.L. (2007) Testing evolutionary theories of menopause. *Proceedings of the Royal Society of London Series B, Biological Sciences* 274(1628): 2943-2949

Dr Rebecca Sear, September 2016

- Sear, R., Lawson, D. & Dickins, T. (2007) Synthesis in the human evolutionary behavioural sciences. *Journal of Evolutionary Psychology* **5**(1): 3-28
- Sear, R. (2007) The impact of reproduction on Gambian women: does controlling for phenotypic quality reveal costs of reproduction? *American Journal of Physical Anthropology* **132**(4): 632-641
- Sear, R. (2006) Size dependent reproductive success among Gambian men: does height or weight matter more? *Social Biology* **53**(3-4): 172-188
- Sear, R. (2006) Height and reproductive success: how a Gambian population compares to the West. *Human Nature* **17**(4): 405-418
- Sear, R., Allal, N. & Mace, R. (2004) Height, marriage and reproductive success in Gambian women. *Research in Economic Anthropology* **23**: 203-224
- Allal, N., Sear, R., Prentice, A.M. & Mace, R. (2004) An evolutionary model of stature, age at first birth and reproductive success in Gambian women. *Proceedings of the Royal Society of London Series B, Biological Sciences* **271**(1538): 465-470
- Sear, R., Mace, R. & McGregor, I.A. (2003) The effects of kin on female fertility in rural Gambia. *Evolution & Human Behavior* **24**(1): 25-42
- Holden, C.J., Sear, R. & Mace, R. (2003) Matriliney as daughter-biased investment. *Evolution & Human Behavior* **24**(2): 99-112
- Sear, R., Steele, F., McGregor, I.A. & Mace, R. (2002) The effects of kin on child mortality in rural Gambia. *Demography* **39**(1): 43-63
- Sear, R., Mace, R., Shanley, D & McGregor, I.A. (2001) The fitness of twin mothers: evidence from rural Gambia. *Journal of Evolutionary Biology* **14**(3): 433-443
- Sear, R., Mace, R. & McGregor, I.A. (2000) Maternal grandmothers improve the nutritional status and survival of children in rural Gambia. *Proceedings of the Royal Society of London, Series B* **267**(1453): 1641-1647
- Mace, R. & Sear, R. (1997) Birth interval and the sex of children in a traditional African population: an evolutionary analysis. *Journal of Biosocial Science* **29**(4): 499-507
- Mace, R. & Sear, R. (1997) Reproductive decisions by pastoralists in the face of demographic risk. *Nomadic Peoples (NS)* **1**(1): 151-163
- Mace, R. & Sear, R. (1996) Maternal mortality in a Kenyan pastoralist population. *International Journal of Gynecology and Obstetrics* **54**(2): 137-141

Book Chapters and Encyclopaedia Entries

- Coall, D.A., Hilbrand, S., Sear, R. & Hertwig, R. (in press) The theory of grandfather involvement: Interdisciplinary perspectives. In: *Grandfathers: International Perspectives*. Editors Ann Buchanan and Anna Rotkirch.
- Sear, R. (2015) Evolutionary demography: a Darwinian renaissance in demography. In: *International Encyclopedia of the Social & Behavioral Sciences, 2nd edition*. Editor-in-chief: James D. Wright. Oxford: Elsevier. Vol 8 Pp. 406–412.
- Sear, R. (2015) Sociobiology. In *The International Encyclopaedia of Human Sexuality*. Edited by Patricia Whelehan and Anne Bolin. Malden, Oxford: John Wiley and Sons, Ltd. Pp 1333-1334.

Dr Rebecca Sear, September 2016

- Sear, R.** (2011) Parenting and families. In *Evolutionary Psychology: A Critical Reader*. Edited by V. Swami. Wiley-Blackwell. Pp 215-250
- Sear, R.** (2010) Height and reproductive success: is bigger always better? In *Homo Novus: A Human Without Illusions*. Edited by Ulrich Frey, Charlotte Stoermer & Kai Willführ. Pp127-143
- Sear, R.**, Allal, N. & Mace, R. (2009) Family matters: kin, demography and child health in a rural Gambian community. In *Substitute Parents: Alloparenting in Human Societies*. Edited by G.R. Bentley & R. Mace. Berghahn Books. Pp 50-76.
- Mace, R., Allal, N., **Sear, R.** & Prentice, A. (2006) The uptake of modern contraception in a Gambian community: the diffusion of an innovation over 25 years. In: *Social Information Transmission and Human Biology*. Edited by J.C.K Wells, S.S. Strickland and K. Laland. CRC Press. pp 191-205
- Mace, R. & **Sear, R.** (2005) Are humans cooperative breeders? In: *Grandmotherhood - the Evolutionary Significance of the Second Half of Female Life*. Edited by E. Voland, A. Chasiotis & W. Schiefenhoevel. Rutgers University Press, Piscataway. pp 143-159
- Sear, R.**, Mace, R. & McGregor, I.A. (2003) A life-history analysis of fertility rates in rural Gambia: evidence for trade-offs or phenotypic correlations? In: *The Biodemography of Human Reproduction and Fertility*. Edited by J. Rodgers & H-P. Kohler. Kluwer Press, Boston. pp 135-160
- Commentaries and Book Reviews**
- Pepper, G., McAllister, L. & **Sear, R.** (2016) Why demography needs psychologists. *The Psychologist*.
- Sear, R.** (2015) Book review of 'How We Do It: the Evolution and Future of Human Reproduction' for *Population Studies*
- Nettle, D., Gibson, M.A., Lawson, D. & **Sear, R.** (2013) Response to commentaries: how much you need to engage with mechanism depends on what you are trying to do. *Behavioural Ecology* **24**(5): 1046-1047
- Sear, R.** (2012) Comment on 'The Peacock's Tale: Lessons from Evolution for Effective Signaling in International Politics' by Blumstein et al for *Cliodynamics: the Journal of Theoretical and Mathematical History* and the online Social Evolution Forum: <http://socialevolutionforum.com/>
- Sear, R.** & Dickins, T.E. (2010) The generation game is the cooperation game: the role of grandparents in the timing of reproduction. Commentary in *Behavioural and Brain Sciences* **33**(1): 34-35
- Sear, R.** (2010) We are family. Review of 'Mothers and Others' by Sarah Hrdy for *Journal of Evolutionary Psychology* **7**(4): 355-357
- Dickins, T.E., **Sear, R.** & Wells, A.J. (2007) Mind the gap(s)...in theory, method and data: a response to Kanazawa (2006) *British Journal of Health Psychology* **12**: 167-178
- Sear, R.** (2005) Review of 'Biology at Work: rethinking sexual inequality' by Kingsley R Browne for *Sexualities, Evolution and Gender* **7**(2): 189-193, 20