

CURRICULUM VITAE
GILLIAN R. BENTLEY

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EDUCATION

1987 Ph.D. [Distinction] University of Chicago
1982 M.A. University of Chicago
1980 B.A. [Honours] Institute of Archaeology, University of London

ACADEMIC POSITIONS

2006-present Professor of Anthropology, Durham University
2005-6 Senior Lecturer, University College London
2001-2005 Royal Society Research Fellow, University College London.
1995-2000 Royal Society Research Fellow, University of Cambridge, England.
1993-5 Assistant Professor of Anthropology, Northwestern University, Evanston, IL.
Joint faculty appointment in the Interdepartmental Biological Sciences Program.

ACADEMIC AWARDS

2012-13 Fellow, Wissenschaftskolleg zu Berlin, Germany
2008 Award for best Scientific Poster, British Menopause Society.
2000-2001 Research Fellow, Churchill College, Cambridge, England.
1995-2005 Royal Society University Research Fellow
1990-2 National Institute of Aging Postdoctoral Fellow, Pennsylvania State University
1985-6 Whiting Fellowship, University of Chicago
1984-5 Predoctoral Fellowship, Smithsonian Institution
1982-3 International Fellowship, American Association of University Women
1981-2 University Unendowed Fellowship, University of Chicago

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Association of Physical Anthropology
International Society for Developmental Origins of Health and Disease
Human Biology Association
International Society for Evolution, Medicine and Public Health

AREAS OF SPECIALIZATION

Migration and Health, Reproductive Ecology and Physiology, Evolution and Health, Evolutionary Medicine,
Women's Health, Nutrition and Subsistence Change

RECENT CONSULTANCIES

2013-2015 International member Gravidia: National Centre for Growth and Development, New Zealand.
2010 International Consultant, Sanofi-Pasteur, Paris, France, about the Gardasil Vaccine

LANGUAGES

Reading and Spoken: French (C1), German (B1), Modern Standard Swahili (and Kingwana)

RESEARCH GRANTS (since 2005)

- 2015-2018 Economic and Social Research Council/Biotechnology and Biological Sciences Research Council. "Epigenetic stability in a stressful environment and its effects on reproductive function" £198,339 Co-PI with Dr. Philippa Melamed (Technion, Haifa, Israel) and Dr Reinhard Stöger, Nottingham University.
- 2012-2015 Economic and Social Research Council, UK – "Differential Acculturation and its Impact on Well Being among Bangladeshi Migrants Living at Different Densities in the UK". Co-PI with Gillian Cooper and Sarah Curtis (Durham University). £601,521.
- 2009-13 Economic and Social Research Council-CASE Funding UK. "Historical relationship between school meals, physical activity, socio-economic factors and obesity among school children." PI £85,227.
- 2006-9 National Science Foundation – "Reproductive Ageing and Symptom Experience at Midlife among Bangladeshi Immigrants, Sedentees, and White London Neighbors." Co-P.I. with Lynnette Leidy Sievert (Univ of Mass-Amherst) and Shanthi Muttukrishna (UCL) (\$270,981).
- 2006-7 Wenner-Gren Foundation Collaborative Grant – "Cultural influences on male preferences for female body shape among migrant and non-migrant Bangladeshi men." Co-P.I. with Farid Uddin Ahamed, Chittagong University (\$29,953).
- 2004-5 Prostate Research Campaign, UK – "Risk Factors for Benign Prostatic Hyperplasia among Migrant Bangladeshi Men in London" (£23,817). P.I.

RECENT UNIVERSITY SERVICE

- 2018-21 Member, Nominations and Governance Committee, Durham University
- 2018-21 Member, Research Management Committee, Durham University
- 2014-2017 Elected Member of Senate, Durham University
- 2008 - 2016 Director, Durham Endocrinology and Ecology Laboratory, Wolfson Research Institute
- 2007- 11 Associate Director, Wolfson Research Institute, Durham University.

RECENT AND CONTINUING PROFESSIONAL ACTIVITIES

- 2018-19 Program Committee for the International Society for Evolutionary Medicine and Public Health
- 2015-present Editorial Board for the Journal *Women's Midlife Health*
- 2014-2016 Organising committee, International Society for Evolution, Medicine and Public Health
- 2013-present Associate Editor for Clinical Briefs for the Journal, *Evolution, Medicine and Public Health*.
- 2011-13 Member, NESCent (National Evolutionary Center) Working Group (USA) "Infusing Medical Education with Evolutionary Thinking". Funded by National Science Foundation, USA.
- 2008-10 Member Review Board, Wenner-Gren Foundation for Anthropological Research.
- 2005-2012 International Affiliate, Center for Human and Primate Reproductive Ecology, Yale University,
- 2005-6 MRC National Survey of Health and Development, Women's Health Advisory group, UCL,
- 2004-present Editorial Board, *Journal of Biosocial Science*.
- 2003-05 Acting Chair, Anthropology Reference Group, C-SAP, Centre for Learning and Teaching Sociology, Anthropology, and Politics – Birmingham, UK)
- 2003-present Editorial Board, *American Journal of Human Biology*.

COMMUNITY SERVICE

- 2007 UCL/Abbey 1 Endeavour Award won by my students, Khurshida Begum, Kesson Magid and Taniya Sharmeen for work at Bangladeshi Community Centres in London. (£1,000 prize money donated to the Bengali Women's Health Project).
- 2003 Information stall promoting lactation among Bengali women, A Health Event 2003 for Bangladeshi women. Camden Centre, London. Organized by the Bengali Women's Health Project, Camden NHS.
- 2001-14 Several seminars on reproductive health at Bengali Women's Centres, London in collaboration with Health Promotions, and the Bengali Women's Health Project, National Health Trust.

FIELDWORK

- 2018 Team Leader, Durham University, Dept of Anthropology Field School to Sri Lanka (September).
- 2012-present London and NE UK. Project comparing migrant health among Bangladeshis in different parts of UK.
- 2006-2010 Sylhet, NE Bangladesh and London. Project to examine reproductive ageing among Bangladeshi women in Sylhet and migrant Sylheti women in London.
- 2001-3 Sylhet, NE Bangladesh and London. Project to examine developmental effects on adult levels of reproductive hormones among Bangladeshi women in Sylhet, and migrant Sylheti women in London.
- 1992 Pilot Project to the Nilgiri Hills of South India to assess the possibility of setting up a long-term field project analyzing the comparative reproductive ecology and demography of five indigenous groups [Sept.-Oct.].
- 1989 Ituri Project, Zaire. Field director for project analyzing the effects of nutrition and workload on ovarian function among Lese female horticulturalists. [Funded by NSF #BNS 8810931 - PI Peter T. Ellison, Harvard University]. [Jan.-Aug.]

INVITED LECTURES/WORKSHOPS (2010 onwards)

- 2018 "Migrants as a Model for South Asian Countries in Transition". Invited talk at the Symposium: Countries in Socioeconomic Transition: Evidence from Auxology and Allied Disciplines, Indian Statistical Institute, Kolkata, India (November).
- 2018 Invited talk: "Intergenerational Implications of Acculturation and Health among Migrant Bangladeshis in the UK", 2nd M8 Alliance Expert Meeting on Migrants' and Refugees' Health": Sapienza University of Rome (June)
- 2018 Invited talk: "Evolutionary Perspectives on Medicine and Health", University of York, Cross-disciplinary Centre for Systems Analysis (April).
- 2017 Invited talk: "Epigenetics in Social Science Research" at the National Centre for Research Methods, University of Manchester (November).
- 2017 Invited talk "Developmental Effects on Ovarian Function", at the 50th Anniversary Meeting of the Society for the Study of Reproduction "50 Years of SSR Research, Looking Back and Moving Forward", Washington DC (July).
- 2017 Invited talk, "Developmental effects on the menopause among migrant Bangladeshi women in the UK" at a workshop on *Menopause, Health and Culture* (British Society for Population Studies, London School of Economics (May).
- 2017 Invited Poster "Developmental Effects on Ovarian Function". Presented at a special symposium "Anthropological Demography, Well-being, and the Osteological Paradox: A Symposium in Honor of James W Wood". American Association of Physical Anthropology, New Orleans, USA.
- 2016 Invited talk: "Migrant lives, migrant health: Insights from Evolutionary Medicine". Swiss Association of Science Journalists' Health Seminar, Murten, Switzerland (November).
- 2016 Invited talk "Early life effects on later life health: Are there benefits to using cross-sectional analyses?" International Centre for Life course Studies in Society and Health, UCL (October)
- 2016 Invited Keynote talk "Evolutionary approaches to reproductive health: A migrant case study". Foundation Symposium on *Translational Evolutionary Research*, Kiel University, Germany (September).
- 2016 Invited Plenary, "Perspectives on Early Life Development and Evolutionary Medicine", Vilnius University, Lithuania (June).
- 2016 Invited talk, "Migration and Stress", Center for Families, Univ of Massachusetts, Amherst, USA (April).
- 2016 Invited Panel Member to "Dr Darwin: A Panel Discussion on Evolutionary Medicine." Linnean Society, London. An event held by the London Evolutionary Research Network (April).
- 2015 Keynote Lecture, Evolutionary Medicine Conference: Interdisciplinary Perspectives on Human Health and Disease. Institute for Evolutionary Medicine, Zurich University (August).
- 2015 Invited talk. Science and Society Session: The New Science of Molecular Evolution – Consequences for Biology, Medicine and Public Health. 40th FEBS Congress, Berlin (July).

INVITED LECTURES/WORKSHOPS Continued . . .

- 2014 The Highs and Lows of Reproductive Hormones. TedX Durham University (May)
<https://www.youtube.com/watch?v=OjO0epSuMwA>
- 2014 The Clinical Significance of Evolutionary Medicine. Invited talk at Edinburgh University Medical School
<https://www.youtube.com/watch?v=whVJODT2Pww>
- 2013 The Clinical Significance of Evolutionary Medicine. Morgagnian Lecture, Padua University (April).
- 2012 Just how plastic are we? Reflections on reproductive ecology and early life. University of Michigan lecture series "New Evolutionary Foundations for Medicine and Public Health" (December).
- 2011 Putting our Past into the Present: The Emerging Field of Evolutionary Medicine. Living Links to Human Biology and Medicine Series. Edinburgh Zoo Public Lecture (October).
- 2011 Faculty member for a Summer School on Evolutionary Foundations for Medicine and Public Health, Mount Desert Island Biological Laboratory, Maine, USA (August).
<https://www.youtube.com/watch?v=j5z9mlzKeBQ>
<https://www.youtube.com/watch?v=CCQuCVXNnk0>
- 2011 Programme Committee Member for Seminar on "Lifespan Extension and the Biology of Changing Cause-of-Death Profiles: Evolutionary and Epidemiological Perspective" International Union for the Scientific Study of Population at Schloss Rauischholzhausen, Germany (January).
- 2011 A Life Course Perspective on Reproductive Health among Migrant Bangladeshis in the UK. GR Bentley, SM Muttukrishna, A Nunez, K Begum, K Magid, T Sharmeen, RT Chatterton, O Chowdhury, and LL Sievert. Invited Speaker at the Symposium on "Evolution and Health over the Life Course" at the Annual Meetings of the American Association of Physical Anthropologists, Minneapolis, USA (April).
- 2010 Reproductive pathologies: Perspectives from evolutionary medicine. Symposium on Evolutionary Perspectives on Diseases and Health. Brunel University, UK (March).

TEACHING EXPERIENCE

- 2006-present Dept of Anthropology, Durham University.
- 2001-6 Dept of Anthropology, University College London.
- 1996-2000 Dept of Biological Anthropology, University of Cambridge.
- 1993-95 Assistant Professor, Dept of Anthropology, Northwestern University.
- 1990-1 Lecturer, Dept of Anthropology, Harvard University.
- 1987-8 Lecturer, Dept of Anthropology, Brandeis University, Waltham, MA.
- 1987-8 Teaching Fellow, Dept of Anthropology, Harvard University.
- 1986-7 Instructor, Christ College [Honors College], Valparaiso University, Valparaiso, IN.

UNDERGRADUATE CLASSES TAUGHT

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|--------------------------------------|-------------------------------------------|
| Behavioral Biology of Women | Hunter-Gatherer Ecology |
| Introduction to Medical Anthropology | Human Reproductive Ecology |
| Evolutionary Theory | Introduction to Evolutionary Anthropology |
| Health, Illness and Society | Reproduction, Fertility and Sex |
| Human Origins | Sex, Reproduction and Love |

POSTGRADUATE CLASSES TAUGHT

- Biology and Culture of Human Aging
- Evolutionary and Ecological Topics in Medicine and Health
- Research Methods & Techniques in Biological Anthropology
- Theory Method and Principles in Evolutionary Medicine
- Topics in Evolutionary Medicine

PHD STUDENTS

Alejandra Nunez de la Mora (2001-5) UCL “Developmental effects on reproductive hormone levels among migrant Bangladeshi Women.” Funded by CONaCYT, Mexico. Currently a faculty member at the Instituto de Investigaciones Psicologicas, Universidad Veracruzana, Xalapa, Mexico.

Khurshida Begum (2006-2011) – UCL/Durham joint registration. Funded by NSF Grant. “A comparative study of ovarian reserve among migrant Bangladeshi women, women in Bangladeshi and European women in London.” (Successfully defended 2011). Currently, a Research Associate at Durham University.

Kesson Magid (2005-2010) – UCL/Durham Joint Registration. Funded by ESRC 1+3 with secondment for an ESRC-POST position and a Bogue Scholarship for laboratory work at Northwestern University, Chicago, USA “Developmental effects on testosterone levels and implications for health in later life among migrant Bangladeshi men.” (Successfully defended 2010). Currently a temporary lecturer at Oxford University, UK.

Taniya Sharmeen (2005-2011) – UCL/Durham Joint Registration. Funded by a Commonwealth Scholarship. “A comparative study of menopausal symptoms among migrant Bangladeshi women, women in Bangladesh and European women in London.” (Successfully defended 2011). Currently a postdoctoral research fellow at the Faculty of Health Sciences, University of Southampton.

Lauren Houghton (2008-2012) – Funded by a Wellcome/NIH Four Year Studentship. “Ethnic variation in correlations of salivary and serum reproductive steroid hormones: A comparison of Bangladeshi and British women.” (Successfully defended November 2012). Currently an Associate Research Scientist of Epidemiology at the Mailman School of Public Health, Columbia University, New York, USA.

Carolyn O’Connor (2008-2013) – Funded by a National Health Service grant to the Wolfson Research Institute, Durham University. Pubertal development and relationship to overweight and obesity. (Successfully defended, 2013). Currently Policy Advisor on Women’s Engagement and Gender Representation at the Government Inequalities Office, London.

Vicki McGowan (2009-15) – Funded by an ESRC 1+3 Case PhD Studentship with the Schools Food Trust. “Historical changes in school meals in the UK and their relationship to overweight and obesity.” (Successfully defended July 2015). Currently a postdoctoral research associate at the Institute of Health and Society, Newcastle University.

Erika McClure (2009-16) – Funded by National Health Service grant to the Wolfson Research Institute, Durham University and the Wenner-Gren Foundation for Anthropological Research. “Ethnic variation in overweight and obesity”. (Currently applying for jobs in the USA).

Muhammed Nasir Uddin (2015- 19) – “The Health of Female Garment Workers in Factories in Bangladesh” (preliminary title). Funded by a Commonwealth Scholarship.

Andrea Silva-Caballero (2017-20) – “Shifting chronotypes, sleep patterns and sleep quality among adolescents living in industrial and pre-industrial environments. Funded by CONaCYT, Mexico.

Michele Freed (2017-20) – “Does intervention with synthetic oxytocin in the ‘third stage’ of labour influence breastfeeding outcomes? Assessing the feasibility of a randomised controlled trial”. Self-funded.

PUBLICATIONS

Refereed Articles and Book Chapters:

M Lancaster-James, **GR Bentley** (2018) Beyond the Sex Doll: Post-Human Companionship and the Rise of the ‘Allodoll’. *Robotics* 7(4) 62; <https://doi.org/10.3390/robotics7040062>. Special Issue: Love and Sex with Robots.

PUBLICATIONS continued . . .

- K Magid, RT Chatterton, F Uddin Ahamed, **GR Bentley** (2018) Childhood environment influences salivary testosterone levels and muscle mass among Bangladeshi migrants to the UK. *Nature Ecol and Evol* 2:1146–1154.
- T Dhanoya, LL Sievert, S Muttukrishna, K Begum, T Sharmeen, A Kasim, O Chowdhury, **GR Bentley** (2016) Hot flushes and reproductive hormone levels during the menopausal transition. *Maturitas* 89:43-51.
- LL Sievert, K Begum, T Sharmeen, L Murphy, B Whitcomb, O Chowdhury, S Muttukrishna, **GR Bentley** (2016) Hot flash report and measurement among Bangladeshi migrants, their London neighbors, and their community of origin. *Amer J Phys Anthropol* 161:620-33.
- K Begum, S Muttukrishna, LL Sievert, T Sharmeen, L Murphy, O Chowdhury, A Kasim, R Gunu, **GR Bentley** (2016) Ethnicity or environment: Effects of migration on ovarian reserve among Bangladeshi women in the UK. *Fertil Steril* 105(3):744-754.
- GR Bentley** (2016) Applying evolutionary thinking in medicine: An introduction. Ch 1 in *Evolutionary Medicine: A guide for Researchers, Practitioners and Policy-makers*, eds. A Alvergne and C Faurie. Springer.
- LC Houghton, GD Cooper, **GR Bentley**, M Booth, OA Chowdhury, R Troisi, RG Ziegler, RN Hoover, HA Katki (2014) A migrant study of pubertal timing and tempo in British-Bangladeshi girls at varying risk for breast cancer. *Breast Cancer Res* 16(6):469.
- LC Houghton, GD Cooper, M Booth, OA Chowdhury, R Troisi, RG Ziegler, HA Katki, RN Hoover, **GR Bentley** (2014) Childhood environment influences adrenarcheal timing among first-Generation Bangladeshi migrant girls to the UK. *PLoS One* 2014 Oct 13;9(10):e109200. doi: 10.1371/journal.pone.0109200
- T Sharmeen, LL Sievert, K Begum, O Chowdhury, S Muttukrishna, **GR Bentley** (2013) Somatic, mood, and vasomotor symptoms at midlife in relation to family structure and household workloads in Sylhet, Bangladesh. *Anthropol Rev* 76:199–216.
- GR Bentley**, R Mace, L Murphy, LL Sievert, K Begum, T Sharmeen, E Puleo, O Chowdhury, S Muttukrishna, GR Bentley (2013) Life course effects on age at menopause among Bangladeshi sedentees and migrants to the UK. *Amer J Hum Biol* 25:83-93.
- GR Bentley**, R Mace (2009) The Pros and Cons of Substitute Parenting: An Overview. In *Substitute Parents: Biological and Social Perspectives*. (eds) Berghahn Press, London, pp. 1-10.
- A. Núñez-de la Mora, RT Chatterton, O. Choudhury, D. Napolitano, **GR Bentley** (2008) The impact of developmental conditions on adult salivary estradiol levels: Why this differs from progesterone. *Amer J Hum Biol* 20:2-14.
- L Leidy Sievert, K Begum, T Sharmeen, O Chowdhury, S. Muttukrishna, **GR Bentley** (2008) Patterns of occurrence and concordance between subjective and objective hot flashes in Muslim and Hindu women in Sylhet, Bangladesh. *Amer J Hum Biol.* 20(5):598-604.
- A Nunez-de la Mora, **GR Bentley** (2008) Changes in risk factors for breast cancer in migrant women: An inter-generational comparison among Bangladeshis in the UK. In *Health, Risk and Adversity: A Contextual View*, ed. C Panter-Brick and A Fuentes. Berghahn Press London, pp. 129-49.
- GR Bentley**, VJ Perry (2008) Dental analyses of the Bab edh-Dhra' human remains. Chapter 13 in *The EB I Tombs and Burials of Bâb edh Dhrâ, Jordan* by Donald J. Ortner, Bruno Frohlich. Altamira Press.
- GR Bentley**, R Aunger (2008) Practical aspects of Evolutionary Medicine. Chapter 10 in *Medicine and Evolution: Current Applications, Future Prospects*, ed. S. Elton and P O'Higgins. CRC Press, London, Society for the Study of Human Biology Series Volume 47, pp. 215-237.
- GR Bentley**, S Muttukrishna (2007) Potential use of biomarkers for analyzing inter-population and cross-cultural variability in reproductive aging. *Menopause* 14:668-79.
- A Nunez-de la Mora, **GR Bentley** (2007) Early life effects on reproductive function. In *New Perspectives on Evolutionary Medicine*, WR Trevathan, EO Smith, JJ McKenna, eds. Oxford University Press, New York, pp. 149-168.
- I Scott, **GR Bentley**, MJ Tovee, F Uddin Ahamed, K Magid, T Sharmeen (2007) An evolutionary perspective on male preferences for female body shape. In *Body Beautiful: Evolutionary and Socio-cultural Perspectives*, eds by Viren Swami & Adrian Furnham. Palgrave-MacMillan, pp. 65-87.
- A Núñez-de la Mora, RT Chatterton, O. Choudhury, D Napolitano, **GR Bentley** (2007) Childhood conditions determine adult progesterone levels. *PLoS Medicine* May 4(5):e167.
- A Núñez-de la Mora, D Napolitano, F.Uddin, O Choudhury, **GR Bentley** (2007) Betel nut use among first and second generation Bangladeshi women in London, UK, and women resident in Bangladesh. *J of Immigr Minor Hlth.* 9:299-306.

PUBLICATIONS continued . . .

- A Núñez-de la Mora, RT Chatterton, F Jesmin, E Mateo, **GR Bentley** (2007) The effect of chewing betel nut on measurements of salivary progesterone and estradiol. *Amer J Phys Anthropol* 132:311-5.
- R Cordaux, **GR Bentley**, R Aunger, SM Sirajuddin, and M Stoneking (2004) Y-STR haplotypes from eight south Indian groups based on five loci. *J Forens Sci* 49(4):847-8.
- R Cordaux, R Aunger, **GR Bentley**, I Nasidze, N Saha, SM Sirajuddin, M Stoneking (2004) Independent origins of Indian caste and tribal paternal lineages. *Curr Biol* 14(3):231-35.
- R. Cordaux, N. Saha, **GR Bentley**, R Aunger, M. Stoneking (2003) Mitochondrial DNA analysis reveals diverse histories of tribal populations from India. *Eur J Hum Genet* 11:253-64.
- C Fertleman, **GR Bentley** (2003) Factors predisposing infants to gastroenteritis among poor, urban, Filipino families. *Internet J Pediatr Neonatol* 3(1). <http://ispub.com/IJPN/3/1/12795>
- PT Ellison, RG Bribiescas, **GR Bentley**, BC Campbell, SF Lipson, C Panter-Brick (2002) Population variation in age-related decline in male salivary testosterone. *Hum Reprod* 17:3251-3253.
- VJ Vitzthum, **GR Bentley**, H Spielvogel, E Caceres, J. Thornburg, L Jones, S Shore, LK May, RT Chatterton (2002) Salivary progesterone levels and rate of ovulation are significantly lower in poorer than in better-off urban-dwelling Bolivian women. *Hum Reprod* 17: 1906-1913.
- GR Bentley**, R. Mace (2002) Human reproduction and life histories. *Encyclopedia of Cognitive Science*. Nature Publishing Group, Macmillan Publishers Ltd.
- GR Bentley**, R Paine, J Boldsen (2001) Reproductive ecology and the transition from foraging to food production. In *Reproductive Ecology and Human Evolution*. PT Ellison (ed). New York: Aldine, pp. 203-31.
- CGN Mascie-Taylor, **GR Bentley** (2000) Introduction. In *Infertility in the Modern World: Present and Future Prospects*. GR Bentley, CGN Mascie-Taylor (eds). Cambridge: Cambridge University Press, pp. 1-13.
- GR Bentley** (2000) Environmental pollutants and fertility. In *Infertility in the Modern World: Present and Future Prospects*. GR Bentley and CGN Mascie-Taylor (eds). Cambridge: Cambridge University Press, pp. 85-152.
- VJ Clark, S Sivendren, N Saha, **GR Bentley**, R Aunger, SM Sirajuddin, M Stoneking (2000) The mtDNA COII/tRNA^{Lys} intergenic 9-bp deletion in tribal populations of India. *Hum Biol* 72:273-85.
- GR Bentley** (1999) Aping our ancestors: Comparative aspects of reproductive ecology. *Evol Anthropol* 7:175-185.
- GR Bentley**, RV Aunger, AM Harrigan, M Jenike, RC Bailey, PT Ellison (1999) Women's strategies to alleviate nutritional stress in a rural African society. *Soc Sci Med* 48:149-162.
- RT Chatterton, YC Lu, **GR Bentley**, PH Gann, KR Hodges (1999) Salivary estradiol -- a viable alternative. *Fert Steril* 72(5):952.
- YC Lu, **GR Bentley**, PH Gann, KR Hodges, RT Chatterton (1998) Salivary estradiol and progesterone levels in conception and non-conception cycles in women. Evaluation of a new assay for salivary estradiol. *Fert Steril* 71:863-868.
- GR Bentley** (1998) Hydration as a limiting factor in lactation. *Amer J Hum Biol* 10:151-161.
- GR Bentley**, AM Harrigan, PT Ellison (1998) Dietary composition and ovarian function among Lese horticulturalist women of the Ituri Forest, Democratic Republic of Congo. *Eur J Clin Nutr* 52:261-270.
- GR Bentley** (1996) Evidence for interpopulation variation in normal ovarian function and consequences for hormonal contraception. In *Variability in Human Fertility: A Biological Anthropological Approach*, ed. L. Rosetta and N Mascie-Taylor. Cambridge: Cambridge University Press, pp. 46-65.
- MR Jenike, RC Bailey, PT Ellison, **GR Bentley**, AM Harrigan, N Peacock (1996) Variation saisonnière de la production alimentaire, statut nutritionnel, fonction ovarienne et fécondité en Afrique centrale, In *L'alimentation en Forêt Tropicale: Interactions Bioculturelle et Perspectives de Développement*, eds. CM Hladik, A Hladik, H Pagezy, DF Linares, and A Froment. Paris: UNESCO, pp. 605-623.
- GR Bentley** (1995) How did prehistoric women bear "Man the Hunter"? Reconstructing fertility from the archaeological record. In *Gender and Archaeology*, ed. RP Wright, University of Pennsylvania Press, 23-51.
- S. Murphy, **GR Bentley**, MA O'Hanesian (1994) An analysis of menstrual data with time-varying covariates. *Stats in Med* 14:1843-1857.
- GR Bentley** (1994) Ranging hormones: Do hormonal contraceptives ignore human biological variation and evolution? *Human Reproductive Ecology: Interactions of Environment, Fertility, and Behavior*, ed. KL Campbell and JW Wood. Annals of the New York Academy of Sciences 709: 201-203.

PUBLICATIONS continued . . .

- J Wood, S Weeks, **GR Bentley**, K Weiss (1994) Human population biology and the evolution of aging. In *Biological Anthropology and Aging: Perspectives on Human Variation over the Life Span*, DE Crews, and RM Garruto, eds. Oxford University Press, pp. 19-75.
- RC Bailey, MR Jenike, PT Ellison, **GR Bentley**, AM Harrigan, N Peacock (1993) Seasonality of food production, nutritional status, ovarian function and fertility in Central Africa. In *Food and Nutrition in the Tropical Forest: Biological Interactions*, ed. CM Hladik. Paris: UNESCO. Man and the Biosphere 15.
- GR Bentley**, AM Harrigan, B Campbell, PT Ellison (1993) Seasonal effects on testosterone among Lese males of the Ituri Forest, Zaire. *Amer J Hum Biol* 5(6):711-717.
- GR Bentley**, T Goldberg and G Jasienska (1993) The fertility of agricultural and non-agricultural traditional societies. *Pop Stud* 47:269-281.
- GR Bentley**, G Jasienska and T Goldberg (1993) Is the fertility of agricultural societies higher than that of foragers and horticulturalists? *Curr Anthropol* 34(5):778-85.
- PT Ellison, SF Lipson, MT O'Rourke, **GR Bentley**, AM Harrigan, C Panter-Brick, and VJ Vitzthum 1993 Population variation in ovarian function. *Lancet* August 14th, pp. 433-434.
- RC Bailey, MR Jenike, PT Ellison, **GR Bentley**, AM Harrigan, N Peacock (1992) The ecology of birth seasonality in the Ituri Forest of Zaire. *J Biosoci Sci* 24:393-412.
- GR Bentley** (1991) A bioarchaeological reconstruction of the social and kinship systems at Early Bronze Age Bab edh-Dhra', Jordan. In *Between Bands and States: Sedentism, Subsistence and Interaction in Small-Scale Societies*, ed. S Gregg. Center for Archaeological Investigations, Southern Illinois University.
- GR Bentley** (1987) Dietary fibre and age at menarche: A re-examination of the evidence. *Annals Hum Biol* 14:69-75.
- GR Bentley** (1985) Hunter-gatherer energetics and fertility: A reassessment of the !Kung San. *Hum Ecol* 13:79-109.

Published Books:

- GR Bentley, R Mace, eds. (2009) *Substitute Parents: Biological and Social Perspectives on Alloparenting across Human Societies*. Berghahn Press.
- GR Bentley, CGN Mascie-Taylor, eds. (2000) *Infertility in the Modern World: Present and Future Prospects*. Cambridge University Press, Cambridge.

Popular Science Articles:

- 1996 Doing what comes naturally. *New Scientist*, August 31:43. (Discussing new reproductive technologies)
- 1994 A shot in the dark. *The Times Higher Education Supplement*, June 14:16. (Discussion of the controversial evidence that human sperm counts have been declining during the last fifty years).

Published Abstracts (since 2010):

- GR Bentley** (2017) Developmental effects on ovarian function. *Amer J Phys Anthropol* 162 (S64):117.
- GR Bentley**, R Stoger, RE Emes, B Bar-Sade, K Begum, O Eden, P Melamed (2018) Epigenetic mechanisms explain developmental effects on reproductive function. *Amer J Hum Biol* 30(2):4 e23110.
- Freed M, LL Sievert, A Nunez-de La Mora, S Muttukrishna, K Begum, T Sharmeen, L Murphy, D Napolitano, R Chatterton, O Chowdhury, R Gunu, **GR Bentley** (2017) Partnership, parity, and ovarian steroid hormone concentrations among pre-menopausal Bangladeshi and European women. *Amer J Hum Biol* 29:e22973:13-14.
- N Akhter, P Nahar, K Begum, GD Cooper, A Kasim, **GR Bentley** (2016) Factors associated with generalized and abdominal obesity among Bangladeshi migrants in the UK. *Amer J Phys Anthropol* 159 (S62):76.
- K Begum, G Cooper, P Nahar, N Akhter, A Kasim, **GR Bentley** (2016) Early environment and C-reactive protein. A cross-sectional study on British Bangladeshis in the UK. *Amer J Hum Biol* 28(2):268-9.
- GD Cooper, P Nahar, N Akhter, K Begum, A Kasim, **GR Bentley** (2016) Effects of post-migration acculturation of British Bangladeshis on levels of salivary cortisol: Does local population density and generation matter? *Amer J Hum Biol* 28(2):272-3.
- EI McClure, G Cooper, K Begum, S Muttukrishna, LL Sievert, R Gunu, T Sharmeen, O Chowdhury, **GR Bentley** (2012) Lower vitamin D status among migrant Bangladeshi women in the UK. *Amer J Hum Biol* 24:233.
- LC Houghton, GD Cooper, M Booth, R Troisi, HA Katki, RG Siegler, RN Hoover, OA Chowdhury, **GR Bentley** (2012) The timing of adrenarche among British and Bangladeshi youth. *Amer J Hum Biol* 24:228.

PUBLICATIONS (Abstracts) continued . . .

- GR Bentley**, S Muttukrishna, A Nunez de la Mora, K Begum, KS Magid, T Sharmeen, RT Chatterton, O Chowdhury, LL Sievert (2011) A life course perspective on reproductive health among Bangladeshi migrants in the UK. *Amer J Phys Anthropol* 144, Supplem 52:88.
- KS Magid, HR Johnston, RT Chatterton, **GR Bentley** (2011) Environmental effects on salivary cortisol levels among Bangladeshi male migrants to the UK. *Amer J Hum Biol* 23:265.
- Sievert LL, Begum K, Sharmeen T, Murphy L, Muttukrishna S, Chowdhury O, **Bentley GR** (2011). Frequency and determinants of self-reported diabetes among Bangladeshi women in Bangladesh and London. *Amer J Hum Biol* 23:277.
- L Murphy, LL Sievert, K Begum, T Sharmeen, O Chowdhury, S Muttukrishna, **GR Bentley** (2011) Younger age at menopause among middle class Bangladeshi women exposed to cyclones in early life. *Amer J Hum Biol* 23:268.
- Begum K, **Bentley GR**, Sievert LL, Sharmeen T, Chowdhury O, Muttukrishna S (2010) Lower ovarian reserve among Hindu vs. Muslim women in Bangladesh. *Amer J Hum Biol.* 24:6-7.
- Sievert LL, Begum K, Sharmeen T, Murphy L, Muttukrishna S, **Bentley GR** (2010) Are cross-population differences in hot flash frequency due to variation in women's awareness of hot flashes? *Amer J Phys Anthropol Suppl* 50:217.
- McClure E, Ells, LJ, **Bentley GR** (2010) A systematic review of childhood obesity and socioeconomic status in South Asians. *Amer J Hum Biol.* 22: 261-2.
- VJ McGowan, LJ Ells, **GR Bentley** (2010) Dinner ladies and the resistance movement to junk food. *Amer J Hum Biol.* 22: 262.
- CE O'Connor, LJ Ells, **GR Bentley** (2010) The effect of childhood overweight on female pubertal development: A systematic review. *Amer J Hum Biol.* 22: 265.

MEDIA WORK

- 2018 BBC World Service, Health Check with Claudia Hammond. Interview about the effects of early life on levels of testosterone among men (June).
- 2018 Press release on article in *Nature Ecology and Evolution* about the effects of early life on levels of testosterone among men and comments that were picked up by several international and national media sources.
- 2016 Radio 4, PM show with Eddie Mair. Comment on how C-sections are increasing in recent years and how this might be changing human selection/evolution. Podcast on Radio 4 (Tuesday December 6th). Plus comments on BBC Tees. <http://www.bbc.co.uk/programmes/b0848md3>
- 2016 Contribution to an article in *Tages-Anzeiger*, a Swiss Newspaper, about a teenage girl who chose to be cryogenically preserved before she died of cancer aged 14. "Der Traum vom zweiten Leben" by Barbara Reye, Thursday, November 29th.
- 2016 Contribution to a podcast on the evolution of the human breast, called *Knocking on Evolution's Door: Breasts Unbound* by Florence Williams. Audible Channels (Amazon) July. https://www.audible.com/socialshare?id=fc186fb2-d949-4595-926c-6545fa172fc9&source_code=CHLGBWS0603160002
- 2015 Media coverage of Community Events in London and Newcastle and broadcast on Channel S, ATN-Bangla, Channel I and N-TV, and in print : <http://www.english.qbnews24.com/?p=423> <https://www.facebook.com/mohammed.alamgir.16/videos/10206711756747063>
- 2015 Genetics: Relative Risk by Moises Velasquez-Manoff. Discuss the relative risk of breast cancer in relation to reproductive hormone levels. *Nature* 527: S116-S117. http://www.nature.com/nature/journal/v527/n7578_supp/full/527S116a.html
- 2014 TV and radio interviews about work with Bangladeshi migrants: Amader Khobor (Our News), Channel-I, Sky 833 <http://channelieurope.tv/>
- 2014 Interview on work with Bangladeshis in Bangladeshi magazine called Probash.
- 2013 Live interview with Betar Bangla, London's only Bangladeshi radio station about our Projects with migrant Bangladeshis in the UK www.betarbangla.org.uk

MEDIA WORK continued . . .

- 2013 Interview with the French Magazine "Nouvel Observateur" about infertility and sperm function. <http://leplus.nouvelobs.com/contribution/778020-pourquoi-les-scientifiques-sont-obsedes-par-les-etudes-sur-le-sperme.html>
- 2009 Interview with German Public Radio about the relationship between reproductive function and evolutionary medicine. <http://www.dradio.de/df/sendungen/forschak/1052402/>
- 2009 Reproductive fate versus environment. Written by Ann Gibbons. Profiled our work on Bangladeshi women and the effects of the environment on reproductive function. *Science* 324(5927):589.
- 2007 Interviews on LBC Radio, Century Radio and BBC Radio Newcastle to discuss PLoS Med article on Childhood Conditions Influence Reproductive Function.
- 2003 Radio 4 programme on the Middle Ages, discussing why women have a menopause and why men do not.
- 2002 Radio 4 programme on the Health of Migrants, discussing the health of Bangladeshi women migrants to the UK.
- 2000 Channel 5 TV (UK) show "The History of the Breast" discussing why women have protuberant breasts.
- 2001 Various press profiles in newspapers reporting on my 2001 paper on why women have protuberant breasts.
BBC World Service "Science in Action" program. Discussion about my theory of why women have protuberant breasts. April.
- 1998 Babies: A hormonal conundrum. Written by John Bonner for the *Independent on Sunday*. December 13. Special Report called Science: The Next Generation. Pages IV-V.
(Profiles my work on hormonal variation and its effects on fertility).
- 1993 Jobs in social-science .2. Anthropology - Nature-culture battleground. Written by Virginia Morell. *Science* 261, no.5129:1798-1802. (Profiled recent hires in biological anthropology).

PRESENTATIONS (2010 onwards)

- GR Bentley**, R Stoger, RE Emes, B Bar-Sade, K Begum, O Eden, P Melamed (2018) Epigenetic mechanisms explain developmental effects on reproductive function. Paper presented at the Annual Meetings of the Human Biology Association, Austin TX (April).
- P Nahar, G Cooper, K Begum, N Akhter, **GR Bentley** (2017) Does Belonging Matter? The Impact of Acculturation on Wellbeing of British-Bangladeshi migrants. Paper presented at a workshop on behalf of the Work Group Medical Anthropology at the German Anthropological Association Conference "Belonging: Affective, moral, and political practices in an interconnected world" 4-7th October, Freie Universität Berlin (October).
- R Stöger, K Begum, RD Emes, P Melamed, **GR Bentley** (2017) Epigenetics of Developmental Conditions and Later Life Ovarian Function: A Pilot Study among British-Bangladeshis. Poster presented at the Meeting of the *International Society for Developmental Origins of Health and Disease*, Rotterdam (October).
- B Bar-Sade, P Melamed, R Stoger, **GR Bentley** (2017) Pre-Pubertal Immunological Stress Alters Adult Reproductive Function. Poster presented at the Annual Meetings of the Society for the Study of Reproduction, Washington DC (July).
- K Begum, G Cooper, P Nahar, N Akhter, A Kasim, **GR Bentley** (2017) Early life effects on levels of C-reactive protein among Bangladeshi migrants to the UK. Poster presented at the annual meeting of the International Society for Evolutionary Medicine and Public Health, Groningen, the Netherlands (August).
- MC Freed, L Sievert, A Nuñez-de la Mora, S Muttukrishna, K Begum, T Sharmeen, L Murphy, DA Napolitano, RT Chatterton, O Chowdhury, R Gunu, **GR Bentley** (2017) Variation in ovarian steroid hormone concentrations in relation to partnership and parity among pre-menopausal Bengali and European women. Poster presented at the Annual Meetings of the Human Biology Association, New Orleans (April).
- GR Bentley**, J Curtis, J Firth, S Foley, D Foster, M Freed, B Gibbons, S Green, S Hamilton, A Jimenez, H Kung, K Kim, C Lawson, F Oliver, A Newman, A Silva-Caballero, J Yan, A White (2016) Is it time to re-evaluate the mismatch concept. Paper in the Session Frontiers in Evolutionary Medicine. *International Society for Evolution, Medicine and Public Health Annual Meeting*, Durham, NC, USA [June].

PRESENTATIONS continued . . .

- GR Bentley** (2017) Developmental effects on ovarian function. Poster presented at the Annual Meetings of the American Association of Physical Anthropologists, New Orleans (April).
- N Akhter, P Nahar, K Begum, GD Cooper, A Kasim, **GR Bentley** (2016) Factors associated with generalized and abdominal obesity among Bangladeshi migrants in the UK. Poster presented at the Annual Meetings of the American Association of Physical Anthropologists. Atlanta GA. [April].
- K Begum, G Cooper, P Nahar, N Akhter, A Kasim, **GR Bentley** (2016) Early environment and C-reactive protein. A cross-sectional study on British Bangladeshis in the UK. Poster presented at the Annual Meetings of the Human Biology Association. Atlanta GA. [April].
- GD Cooper, P Nahar, N Akhter, K Begum, A Kasim, **GR Bentley** (2016) Effects of post-migration acculturation of British Bangladeshis on levels of salivary cortisol: Does local population density and generation matter? Poster presented at the Annual Meetings of the Human Biology Association. Atlanta GA. [April].
- P Nahar, G Cooper, K Begum, N Akhter, A Kasim, S Curtis, **GR Bentley** (2016) Bangladeshi migrants in the UK: Intersections between identity, generation and geography. Oral presentation at the Annual Meetings of the Society for Applied Anthropology, Vancouver, Canada.
- EI McClure, G Cooper, K Begum, S Muttukrishna, LL Sievert, R Gunu, T Sharmeen, O Chowdhury, **GR Bentley** (2012) Lower vitamin D status among migrant Bangladeshi women in the UK. Poster presented at the annual meeting of the Human Biology Association, USA.
- LC Houghton, GD Cooper, M Booth, R Troisi, HA Katki, RG Siegler, RN Hoover, OA Chowdhury, **GR Bentley** (2012) The timing of adrenarche among British and Bangladeshi youth. Paper presented at the annual meeting of the Human Biology Association, USA.
- Sievert LL, Begum K, Sharmeen T, Murphy L, Muttukrishna S, Chowdhury O, **Bentley GR** (2011) Frequency and determinants of self-reported diabetes among Bangladeshi women in Bangladesh and London. Poster presented at the annual meeting of the Human Biology Association, Minneapolis, USA.
- GR Bentley**, S Muttukrishna, A Nunez de la Mora, K Begum, KS Magid, T Sharmeen, RT Chatterton, O Chowdhury, LL Sievert (2011) A life course perspective on reproductive health among Bangladeshi migrants in the UK. Paper presented at the Annual Meetings of the American Association of Physical Anthropologists, Minneapolis, USA.
- L Murphy, LL Sievert, K Begum, T Sharmeen, O Chowdhury, S Muttukrishna, **GR Bentley** (2011) Younger age at menopause among middle class Bangladeshi women exposed to cyclones in early life. Poster presented at the annual meeting of the Human Biology Association, Minneapolis, USA.
- KS Magid, HR Johnston, RT Chatterton, **GR Bentley** (2011) Environmental effects on salivary cortisol levels among Bangladeshi male migrants to the UK. Poster presented at the annual meeting of the Human Biology Association, Minneapolis, USA.
- Sievert LL, Begum K, Sharmeen T, Murphy L, Muttukrishna S, Chowdhury O, **Bentley GR** (2011) Frequency and determinants of self-reported diabetes among Bangladeshi women in Bangladesh and London. Poster presented at the annual meeting of the Human Biology Association, Minneapolis, USA.
- Sievert LL, Begum K, Sharmeen T, Murphy L, Muttukrishna S, **Bentley GR** (2010) Are cross-population differences in hot flash frequency due to variation in women's awareness of hot flashes? Poster presented at the annual meeting of the American Association of Physical Anthropologists, Albuquerque USA (April).
- Begum K, **Bentley GR.**, Sievert LL, Sharmeen T, Chowdhury O, Muttukrishna S (2010) Lower ovarian reserve among Hindu versus Muslim women in Bangladesh. Poster presented at the annual meeting of the Human Biology Association, Albuquerque USA (April).
- E McClure, LJ Ells, **GR Bentley** (2010) A systematic review of childhood obesity and socioeconomic status in South Asians: the literature. Poster presented at the annual meeting of the Human Biology Association, Albuquerque USA (April).
- CE O'Connor, LJ Ells, **GR Bentley** (2010) The effect of childhood overweight on female pubertal development: a systematic review.. Poster presented at the annual meeting of the Human Biology Association, Albuquerque USA (April).
- VJ McGowan, LJ Ells, **GR Bentley** (2010) School meals in the UK: dinner ladies and the resistance movement to junk food. Poster presented at the Human Biology Association meeting, Albuquerque USA (April).