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Department of Anthropology
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EDUCATION:

1991 PhD in Biological Anthropology. State University of New York at Albany
The timing of menopause in biological and sociocultural context: a lifespan approach.
1987 MA in Anthropology. State University of New York at Albany
9/84-8/85 18 credits graduate study in Anthropology, Research in Almeria, Spain
University of New Mexico, Albuquerque, NM
1983 BSN, Double major in Nursing and Spanish. Bloomsburg University, Bloomsburg, PA

ACADEMIC EMPLOYMENT EXPERIENCE:

9/05-present Professor, Department of Anthropology, University of Massachusetts Amherst
9/99-8/05 Associate Professor, Department of Anthropology, UMass Amherst
9/93-8/99 Assistant Professor, Department of Anthropology, UMass Amherst.
Courses taught: Anthropology of Aging; Co-evolution: Genes and Culture;
Evolutionary Medicine; Growth and Development; History of Anthropology; Human
Origins and Variation (Intro to Bio Anthro); Human Variation; Medical Anthropology;
Religion, Evolution, and Human Biology; Reproductive Ecology; Women and Health
7/98-8/98 Guest Instructor, College of Osteopathic Medicine, Ohio University.
7/97-8/97 Course taught: Women and Health across Cultures
8/91-5/93 Adjunct Assistant Professor, Department of Anthropology, SUNY-Binghamton.
Courses taught: Human Evolution; Human Genetics; Medical Anthropology
9/90-5/93 Lecturer, Department of Anthropology, SUNY-Albany.
1/88-8/90 Instructor, Department of Anthropology, SUNY-Albany.
Courses taught: Medical Anthropology, Human Population Biology, Anthropology of
Health and Health Care, Physical Growth and Development, Topics Course on Aging,
Introduction to Biological Anthropology
1/90-12/90 Lecturer in the School of Arts and Sciences. SUNY-Utica/Rome, for students at
Hudson Valley Community College. Course taught: Culture, Health and Healing

ACADEMIC HONORS:

2016 Visiting fellow, Institute of Advanced Study, Durham University, UK, August 1-31.
2014 Visiting fellow, Institute of Advanced Study, Durham University, UK, August 1-31.
2012 Institute of Advanced Study Fellowship, Durham University, UK, May 1-31, 2012.
2010-2011 Samuel F. Conti Faculty Fellowship for Excellence in Research, UMass Amherst
2010 UMass Amherst Faculty Convocation Award for Outstanding Accomplishments in
Research and Creative Activity
2009 Elected Fellow of the American Association for the Advancement of Science

2008 Vasomotor Symptoms Research Award. North American Menopause Society/Duramed
 2008-2009 Family Research Scholar in the Center for Research on Families, UMass Amherst.
 2007 College of Social and Behavioral Sciences Outstanding Teacher Award, UMass Amherst.
 2004-2005 Family Research Scholar in the Center for Research on Families, UMass Amherst.
 2003-2004 TEACHnology Fellowship, UMass Amherst.
 1999 Young Investigator Award. North American Menopause Society.
 1999 College of Social and Behavioral Sciences Outstanding Teacher Award, UMass Amherst.
 1999 Honors Appreciation Award for outstanding service to the UMass Honors Program.
 1996 Young Investigator Award. North American Menopause Society.
 1991 Presidential Distinguished Doctoral Dissertation Award, University at Albany, SUNY.

GRANTS:

2014-2015 Center for Teaching, UMass Amherst, "Determinants of hot flashes at midlife: Team-based hands-on research for undergraduates" (\$3000)
 2013-2016 External Advisory Group/Consultant, NSF Award #1245013, "Changing student misconceptions about evolution through an innovative laboratory curriculum in biological anthropology" Susan I. Johnston, PI.
 2012-2017 NSF Grant #BCS-1156368 "Variation in symptoms at midlife: ethnic and rural/urban comparisons" with Laura Huicochea, co-PI, and Daniel E. Brown, co-PI (\$334,336).
 2011-2012 Center for Research on Families, UMass Amherst, Undergraduate Student Research Assistantship in Family Research. "Do breast feeding women experience hot flashes?" with Amanda Otto (\$3000)
 2006-2009 NSF Grant #0548393 "Reproductive aging and symptom experience at midlife among Bangladeshi immigrants, sedentees, and white London neighbors" with Gillian Bentley, co-PI, and Shanthi Muttukrishna, co-PI (\$270,981)
 2005-2006 Subcontract, NIH NCAM 1R43AT003170-01 "Miniaturized, wearable skin conductance monitor" Linda Templeman, PI (subcontract \$29,593)
 2005-2006 Subcontract, NIH R01 AG017578-05 "Therapeutic decisions at menopause: a multi site study" Carla M. Obermeyer, PI (subcontract \$100,301)
 2004-2008 Consultant, NIH (MBRS) "Menopause, symptoms, blood pressure and health risk in Hawaii's multiethnic population" Dan Brown, PI.
 2003 AAAS and Women's International Science Collaboration Program. Travel grant for collaborative work with Mario Carlos Gonzalez on menopause in Paraguay. (\$4000)
 2003 UMass Amherst Faculty Research Grant, "Age at menopause among the Ache and Maka of Paraguay" (\$9,300)
 2002 Wenner-Gren Foundation for Anthropological Research. "Do women who think they know really know? Validating signals of ovulation" (\$21,777)
 2001 World Health Organization. "Women's use of medication: identifying patterns and problematic use, Mexico" with Olga Lazcano Ponce, co-PI (\$9,036)
 2001 World Health Organization. "Women's use of medication: identifying patterns and problematic use, Massachusetts" with Douglas L. Anderton, co-PI (\$14,653)
 1998-2001 NSF Grant # 9805299 "Age and symptom experience at menopause in Puebla, Mexico" (\$172,611)
 1999 Wenner-Gren Foundation for Anthropological Research. "Revisiting the doctor's office: has the medicalization of menopause changed the rules?" (\$14,200)
 1999 Wenner-Gren Foundation for Anthropological Research. "Menopause: Bio-cultural approaches" Conference Grant for Human Biology Association Meetings (\$4,000)
 1999 North American Menopause Society. "Menopause: Bio-cultural approaches" Conference Grant for Human Biology Association Meetings (\$1,800)
 1994 UMASS at Amherst Faculty Seed Grant. "The timing and experience of menopause in

- the Connecticut Valley, Massachusetts” (\$4,509)
- 1989 Benevolent Grant, University at Albany, SUNY. The timing and experience of menopause in Greene County, New York.
- 1988 Benevolent Grant, University at Albany, SUNY. Terminal abstinence.
- 1985 University of New Mexico, Albuquerque. Scholarship for course work in Spain.

BOOKS:

- (Under contract) Sievert LL. *The Evolution of Post-Reproductive Life*. Harvard University Press.
- (2016) Sievert LL, Brown DE (Editors). *Biological Measures of Human Experience across the Lifespan: Making Visible the Invisible*. Springer Press.
- (2006) Sievert LL. *Menopause: A Biocultural Perspective*. Rutgers University Press.

PEER-REVIEWED PUBLICATIONS:

- (2017) Gerber LM, Sievert LL, Schwartz JE. Hot flashes and midlife symptoms in relation to levels of salivary cortisol. *Maturitas* 96:26-32.
- (2017) Huicochea Gómez L, Sievert LL, Cahuich Campos D, Brown DE. An investigation of life circumstances associated with the experience of hot flashes in Campeche, Mexico. *Menopause*. 24(1):52-63.
- (2016) Sievert LL, Begum K, Sharmeen T, Murphy L, Whitcomb BW, Chowdhury O, Muttukrishna S, Bentley GR. Hot flash report and measurement among Bangladeshi migrants, their London neighbors, and their community of origin. *Am J Physical Anthropology* 161(4):620-633.
- (2016) Begum K, Muttukrishna S, Sievert LL, Sharmeen T, Murphy L, Chowdhury O, Kasim A, Bentley GR. Ethnicity or environment: Effects of migration on ovarian reserve among Bangladeshi women in the United Kingdom. *Fertility and Sterility*. 105(3):744-754.
- (2016) Bertone-Johnson ER, Houghton SC, Whitcomb BW, Sievert LL, Zagarins SE, Ronnenberg AG. Association of premenstrual syndrome with blood pressure in young adult women. *Journal of Women's Health* 25(11):1122-1128
- (2016) Dhanoya T, Sievert LL, Muttukrishna S, Begum K, Sharmeen T, Kasim A, Chowdhury O, Bentley GR. Hot flushes and reproductive hormone levels during the menopausal transition. *Maturitas* 89:43-51.
- (2016) Zsakai A, Karkus Z, Utczas K, Biri B, Sievert LL, Bodzsar EB. Body fatness and endogenous sex hormones in the menopausal transition *Maturitas* 87:18-26.
- (2016) Hart V, Sturgeon S, Reich N, Sievert LL, Crawford S, Gold E, Avis N, Reeves KW. Menopausal vasomotor symptoms and incident breast cancer risk in the Study of Women's Health Across the Nation. *Cancer Causes & Control* 27(11):1333-1340.
- (2015) Sievert LL, Masley A. Are menopausal hot flashes an evolutionary byproduct of postpartum warming? *Menopause* 22(4):377-383.
- (2015) Hart V, Reeves KW, Sturgeon SR, Reich NG, Sievert LL, Kerlikowske K, Ma L, Shepherd J, Tice JA, Mahmoudzadeh AP, Malkov S, Sprague BL. The effect of change in body mass index on volumetric measures of mammographic density. *Cancer Epidemiology, Biomarkers & Prevention*. 24(11):1724-30.
- (2014) Sievert LL. Anthropology and the study of menopause: evolutionary, developmental, and comparative perspectives. *Menopause* 21(10):1151-1159.
- (2014) Sievert LL. Menopause across cultures: clinical considerations. NAMS Practice Pearl. *Menopause* 21(4):421-423.
- (2013) Morrison LA, Brown DE, Sievert LL, Reza A, Rahberg N, Mills P, Goodloe A. Voices from the Hilo Women's Health Study: talking story about menopause. *Health Care for Women International* 00:1–20. DOI: 10.1080/07399332.2013.829067.
- (2013) Sievert LL, Murphy L, Morrison LA, Reza AM, Brown DE. Age at menopause and

- determinants of hysterectomy and menopause in a multi-ethnic community: The Hilo Women's Health Study. *Maturitas* 76(4):334-341.
- (2013) Sievert LL. Subjective and objective measures of hot flashes. *Am J Human Bio* 25(5):573-580.
- (2013) Sievert LL, Bertone-Johnson E. Perimenstrual symptoms and symptoms at midlife in Puebla, Mexico. *Climacteric* 16(1):169-178.
- (2013) Sharmeen T, Sievert LL, Begum K, Chowdhury O, Muttukrishna S, Bentley GR. Symptoms at midlife, family structure, and household workloads in Sylhet, Bangladesh. *Anthropological Review* 76(2):199-216.
- (2013) Murphy L, Sievert LL, Begum K, Sharmeen T, Chowdhury O, Muttukrishna S, Bentley GR. Life course effects on age at menopause among Bangladeshi sedentees and migrants to the UK. *Am J Human Biology* 25(1):83-93.
- (2013) Pérez-Alcalá I, Sievert LL, Obermeyer CM, Reher DS. Cross-cultural analysis of factors associated with age at natural menopause among Latin-American immigrants to Madrid and their Spanish neighbors. *Am J Human Bio* 25(6):780-788.
- (2013) Pérez-Alcalá I, Sievert LL, Obermeyer CM, Reher D. Cross-cultural analysis of determinants of hot flashes and night sweats: Latin-American immigrants to Madrid and their Spanish neighbors. *Menopause*, 20(11):1111-1119. [related editorial 20(11):1107-1108]
- (2013) Mishra GD, Anderson D, Schoenaker DAJM, Adami H-O, Avis NE, Brown D, Bruinsma F, Brunner E, Cade JE, Crawford SL, Dobson AJ, Elliott J, Giles GG, Gold EB, Hayashi K, Kuh D, Lee KA, Lee JS, Melby MK, Mizunuma H, Sievert LL, Vainio EW. InterLACE: a new international collaboration for a life course approach to women's reproductive health and chronic disease events. *Maturitas*, 74(3):235-240.
- (2012) Sievert LL, Obermeyer CM. Symptom clusters at midlife: A four-country comparison of checklist and qualitative responses. *Menopause* 19(2):133-144. [related editorial 19(2):121-122]
- (2012) Reza A, Sievert LL, Rahberg N, Morrison L, Brown DE. Prevalence and determinants of headaches in Hawaii: The Hilo Women's Health Study. *Annals of Human Bio* 39(4):305-314.
- (2011) Melby MK, Sievert LL, Anderson D, Obermeyer CM. Overview of methods used in cross-cultural comparisons of menopausal symptoms and their determinants: Guidelines for strengthening the reporting of menopause and aging (STROMA) Studies. *Maturitas*, 70:99-109.
- (2011) Sievert LL, Anderson D, Melby MK, Obermeyer CM. Methods used in cross-cultural comparisons of somatic symptoms and their determinants. *Maturitas*, 70:127-134.
- (2011) Melby MK, Anderson D, Sievert LL, Obermeyer CM. Methods used in cross-cultural comparisons of vasomotor symptoms and their determinants. *Maturitas*, 70:110-119.
- (2011) Anderson D, Melby MK, Sievert LL, Obermeyer CM. Methods used in cross-cultural comparisons of psychological symptoms and their determinants. *Maturitas*, 70:120-126.
- (2011) Anderson D, Sievert LL, Melby MK, Obermeyer CM. Methods used in cross-cultural comparisons of sexual symptoms and their determinants. *Maturitas*, 70:135-140.
- (2011) Rudzik A, Leonard SH, Sievert LL. Determinants of tubal ligation in Puebla, Mexico. *Women and Health* 51(4):365-82.
- (2011) Brown DE, Sievert LL, Morrison LA, Rahberg N, Reza A. Relationship between hot flashes and ambulatory blood pressure: The Hilo Women's Health Study. *Psychosomatic Medicine* 73(2):166-72.
- (2011) Fortner RT, Pekow PS, Whitcomb BW, Sievert LL, Markenson G, Chasan-Taber L. Physical activity and hypertensive disorders of pregnancy among Hispanic women. *Med Sci Sports Exerc* 43(4):639-46
- (2010) Sievert LL, Reza A, Mills P, Morrison L, Rahberg N, Goodloe A, Sutherland M, Brown DE. Diurnal rhythm and concordance between objective and subjective hot flashes: The Hilo Women's Health Study. *Menopause* 17(3):471-479. [related editorial 17(3):450-451]
- (2010) Morrison L, Sievert LL, Rahberg N, Reza A, Brown DE. Relationships between menstrual and menopausal attitudes and associated demographic and health characteristics: The Hilo Women's Health Study. *Women and Health* 50(5):397-413.

- (2010) Stein AB, Fuller TK, Damery DT, Sievert L, Marker LL. Farm management and economic analyses of leopard conservation in north-central Namibia. *Animal Conservation* 13(4):419-427.
- (2009) Brown DE, Sievert LL, Morrison LA, Reza AM, Mills PS. Do Japanese American women really have fewer hot flashes than European Americans? The Hilo Women's Health Study. *Menopause* 16 (5):870-876. [related editorial 16(5):846-847]
- (2008) Sievert LL, Begum K, Sharmeen T, Chowdhury O, Muttukrishna S, Bentley G. Patterns of occurrence and concordance between subjective and objective hot flashes among Muslim and Hindu women in Sylhet, Bangladesh. *Am J Human Biology* 20:598-604.
- (2008) Sievert LL, Saliba M, Reher D, Sahel A, Hoyer D, Deeb M, Obermeyer CM. The medical management of menopause: A four-country comparison of care in urban areas. *Maturitas* 59:7-21.
- (2008) Houghton LC, Sharmeen T, Begum K, Chowdhury OA, Sievert LL, Muttukrishna S, Bentley GR, Chatterton RT. Salivary and serum sampling of progesterone and oestradiol among Bangladeshi and British women. *Society, Biology and Human Affairs* 73(1&2):
- (2007) Sievert LL, Morrison LA, Reza AM, Brown DE, Kalua E, Tefft HAT. Age-related differences in health complaints: The Hilo Women's Health Study. *Women and Health*, 45(3):31-51.
- (2007) Sievert LL, Morrison L, Brown, D, Reza A. Vasomotor symptoms among Japanese and European-American women living in Hilo, Hawaii. *Menopause*, 14(2):261-269.
- (2007) Gerber LM, Sievert LL, Warren K, Pickering TG, Schwartz JE. Hot flashes are associated with increased ambulatory systolic blood pressure. *Menopause*, 14(2):308-315.
- (2007) Obermeyer CM, Sievert LL. Cross-cultural comparisons: midlife, aging, and menopause. *Menopause*, 14(4):663-667.
- (2007) Sievert LL, Obermeyer CM, Saliba M. Symptom groupings at midlife: cross-cultural variation and association with job, home, and life change. *Menopause*, 14(4):798-807.
- (2007) Sievert LL. Variation in sweating patterns: implications for studies of hot flashes through skin conductance. *Menopause*, 14(4):742-751.
- (2007) Obermeyer CM, Price K, Schulein M, Sievert LL, Anderton D. Medication use and gender in western Massachusetts: results of a household survey. *Health Care for Women International*, 28:593-613.
- (2006) Sievert LL, Obermeyer CM, Price K. Determinants of hot flashes and night sweats. *Annals of Human Biology*, 33(1):4-16.
- (2005) Sievert LL, Goode-Null SK. Musculoskeletal pain among women of menopausal age in Puebla, Mexico. *Journal of Cross-Cultural Gerontology* 20:127-140.
- (2005) Sievert LL, Flanagan EK. Geographical distribution of hot flash frequencies: considering climatic influences. *Am J Physical Anthro* 128:437-443.
- (2005) Sievert LL, DuBois C. Validating signals of ovulation: do women who think they know really know? *Am J Human Biology*, 17:310-320.
- (2004) Obermeyer CM, Schulein M, Hardon A, Sievert LL, Price K, Santiago AC, Lazcano O, Kirumira EK, Neuman M. Gender and medication use: an exploratory, multi-site study. *Women and Health*. 39(4):57-73.
- (2004) Sievert LL, Vidovic M, Horak H, Abel M. Age and symptom experience at menopause in the Selška Valley, Slovenia. *Menopause* 11(2):223-227.
- (2004) James GD, Sievert LL, Flanagan E. Ambulatory blood pressure and heart rate in relation to hot flash experience among women of menopausal age. *Annals of Human Biology*. 31(1):49-58.
- (2003) Leidy Sievert L. El envejecimiento reproductivo: la menopausia en Puebla, México. *Estudios de Antropología Biológica*. 11:91-112.
- (2003) Sievert LL, Espinosa-Hernandez G. Attitudes toward menopause in relation to symptom experience in Puebla, Mexico. *Women and Health*, 38(2):93-106.
- (2003) Sievert LL. The medicalization of female fertility: points of significance for the study of menopause. *Collegium Anthropologicum* 27(1):67-78.

- (2003) Mueller KA, Jimenez Zeron Sanchez G, Leidy Sievert L. Sources of information and HRT prescribing practices among gynecologists in Puebla, Mexico. *Maturitas* 45:137-144.
- (2003) Sievert LL, Hautaniemi SI. Age at menopause in Puebla, Mexico. *Human Biology*, 75(2): 205-226.
- (2003) Hautaniemi SI, Leidy Sievert L. Risk factors for hysterectomy among Mexican American women in the US Southwest. *Am J Human Biology*, 15:38-47.
- (2002) Sievert LL, Freedman RR, Zarain Garcia J, Foster JL, Romano MC, Longcope C, Franz C. Measurement of hot flashes by sternal skin conductance and subjective hot flash report in Puebla, Mexico. *Menopause*, 9(5):367-376.
- (2001) Leidy Sievert, L. Menopause as a measure of population health: an overview. *Am J Human Biology*, 13:429-433.
- (2001) Leidy Sievert L, Waddle D, Canali K. Marital status and age at natural menopause: considering pheromonal influence. *Am J Human Biology*, 13:479-485.
- (2001) Brown DE, Leidy Sievert L, Aki SL, Mills PS, Etrata MB, Kohagura RN, James GD. The effects of age, ethnicity and menopause on ambulatory blood pressure: Japanese-American and Caucasian school teachers in Hawaii. *Am J Human Biology*, 13:486-493.
- (2000) Leidy L, Canali C, Callahan W. The medicalization of menopause: implications for recruitment of study participants. *Menopause*, 7(3):193-199.
- (1999) Leidy, L. The effect of exclusion: rates of hysterectomy and comparisons of age at natural menopause. *Am J Human Biology*, 11(5):687-693.
- (1998) Leidy, L. Urinary LH level and hot flash frequency: a preliminary report. *Antropologia Portuguesa*, 15:77-89. (Published in 2000, back dated)
- (1998) Leidy L, Godfrey L, Sutherland M. Is follicular atresia biphasic? *Fertility and Sterility*, 70(5): 851-859.
- (1998) Leidy L. Menarche, menopause, and migration: implications for breast cancer research. *Am J Human Biology*, 10(4):451-7.
- (1997) Leidy, L. Menopausal symptoms and everyday complaints. *Menopause*. 4(3):154-60.
- (1996) Leidy, L. The lifespan approach to the study of human biology: an introduction. *Am J Human Biology*, 8(6):699-702.
- (1996) Leidy, L. The timing of menopause in relation to body size and weight change. *Human Biology*, 68(6):997-1012.
- (1996) Leidy, L. Symptoms of menopause in relation to the timing of reproductive events and past menstrual experience. *Am J Human Biology*, 8(6):761-769.
- (1994) Leidy, L. Biological aspects of menopause: across the lifespan. *Annual Review of Anthropology*, 23:231-53.
- (1994) Leidy, L. The possible role of the pessary in the etiology of toxic shock. *Med Anthro Quarterly*, 8(2):198-208.
- (1993) Leidy, L. The practice of terminal abstinence in Nigeria and Cameroon. *Am J Human Biology*, 5(5):565-573.
- (1990) Leidy, L. Early age at menopause among left-handed women. *Obstetrics and Gynecology*, 76(6):1111-1114.

BOOK CHAPTERS:

- (2017) Sievert LL. Thyroid disorders at midlife: an evolutionary perspective. In: Jasienska G, Sherry DS, Holmes DJ (Eds.) *The Arc of Life: Evolution and Health Across the Life Course*. Springer Press, pp.121-138.
- (2016) Sievert LL, Brown DE. The shrinking black box of human biology. In: Sievert LL, Brown DE (Eds.) *Biological Measures of Human Experience across the Lifespan: Making Visible the Invisible*. Springer Press, pp.311-326.
- (2016) Brown DE, Sievert LL. Making visible the invisible. In: Sievert LL, Brown DE (Eds.)

- Biological Measures of Human Experience across the Lifespan: Making Visible the Invisible*. Springer Press, pp.1-10.
- (2016) Sievert LL and Brown DE. Symptoms at menopause: risk factors for chronic health concerns. In: Vidovic M (Ed.) *Anthropology and Public Health*. Ljubljana, Slovenia: National Institute of Public Health. 2016:181-194.
- (2015) Sievert LL. Human senescence. In: Muehlenbein MP (Editor). *Basics in Human Evolution*. Elsevier Press, pp. 309-320.
- (2011) Sievert LL. The evolution of post-reproductive life: adaptationist scenarios. In: Mascie-Taylor CGN, Rosetta L. (Eds.) *Reproduction and Adaptation*, Cambridge University Press, pp.149-170.
- (2008) Sievert LL. Should women menstruate? an evolutionary perspective on menstrual suppressing oral contraceptives. In: Trevathan WR, Smith EO, McKenna JJ. (Eds.) *New Perspectives in Evolutionary Medicine*, Oxford University Press, pp.181-195.
- (2003) Leidy Sievert L. Monitored growth: anthropometrics and health history records at a private New England middle school, 1935-1960. In: Herring DA, Swedlund AC. (Eds.) *Human Biologists in the Archives*. Cambridge University Press, pp.130-158.
- (2001) Leidy Sievert, L. Aging and reproductive senescence. In: Ellison, P. (Ed.) *Reproductive Ecology and Human Evolution*. Hawthorne, New York: Aldine de Gruyter, pp.267-292.
- (1999) Leidy, L. Menopause in evolutionary perspective. In: Trevathan WR, Smith EO, McKenna JJ. (Eds.) *Evolutionary Medicine*, Oxford University Press, pp.407-427.
- (1996) Leidy, L. R.V. Pierce and the Invalids' Hotel: mechanical progress and the business of medicine. In: Sentz, L. (Ed.) *Medical History in Buffalo 1846-1996: Collected Essays*. Buffalo, NY: State University of New York at Buffalo, pp.71-92.

ENCYCLOPEDIA ENTRIES, EDITORIALS, COMMENTARIES, and OTHER PUBLICATIONS:

- (2018, in press) Sievert LL, Kiely D. Menopause. *The International Encyclopedia of Biological Anthropology*. Wenda Trevathan (ed.) John Wiley & Sons, Inc.
- (2017) Sievert, L. Setting the second stage: the evolution of menopause & post-reproductive life. In: The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London (online at <https://hstalks.com/bs/3457/>) Made available 3/2/17.
- (2017) Sievert LL. Why don't men have menopause? Invited blog post for the North American Menopause Society. <http://www.menopause.org/for-women/menopause-take-time-to-think-about-it>. Posted 3/8/17.
- (2016) Sievert LL. Evolution and human life histories. Kliman RM (Editor). *Encyclopedia of Evolutionary Biology*. Vol 2, Oxford: Academic Press, 236-241.
- (2015) Sievert LL. Animal models in menopause research. Invited commentary on "Evidence-Based Medicine, Postmenopausal Hormone Therapy (PHT), and the Women's Health Initiative" *Women's Reproductive Health*. 2(1):29-32.
- (2015) Sievert LL. Menopause (evolution). In: Whelehan P, Bolin A (Editors in Chief). *The Encyclopedia of Human Sexuality*, Wiley-Blackwell. DOI: 10.1002/9781118896877.wbiehs299
- (2015) Sievert LL. Comment on "Stain in life: The meaning of urinary incontinence in the context of Muslim postmenopausal women through hermeneutic phenomenology" *First to Know*, E-newsletter of the North American Menopause Society, April 28, 2015, p.3-4.
- (2015) Gass MLS, Maki PM, Shifren JL, Schnatz PF, Kaunitz AM, Shapiro M, Sievert LL. NAMS supports judicious use of systemic hormone therapy for women aged 65 years and older [Editorial]. *Menopause* 22(7):685-686.
- (2014) Sievert LL. Advantages, limitations, and opportunities in the use of national databases. [Invited Editorial] *Menopause*, 21(3):209-210.
- (2013) Sievert LL. Comment on "Health & social factors affecting age at menopause in SWAN study" *First to Know*. E-newsletter of The North American Menopause Society, July 23, 2013, p.2.
- (2013) Sievert LL. Comparisons of symptom experience across country and class. [Invited Editorial]

- Menopause*, 20(6):594-595.
- (2012) Sievert LL. Choosing the gold standard: subjective report vs. physiological measure. *Insights Institute of Advanced Study*, Durham University, UK, 5(3), e1-18.
- (2012) Sievert LL. Cross-cultural comparisons: methodological concerns [Invited Editorial] *Menopause*, 19(12):1289-1290.
- (2009) Sievert LL. Age cohorts in historical context [Invited Editorial] *Menopause*, 16(6):1087-1088.
- (2008) Sievert LL. Reassurance from Seattle [Invited Editorial] *Menopause*, 15(6):1048-1049.
- (2005) Sievert LL. Recalling age at menopause [Invited Editorial] *Menopause*, 12(3):248-249.
- (2001) Leidy Sievert, L. Menopause in Puebla, Mexico: fieldwork details and preliminary results. *Association for Anthropology and Gerontology Newsletter*, 22(3):9-10.
- (2000) Leidy, L. Medicine and menopause: Why it's becoming harder to study human biology. *The Chronicle of Higher Education*, 47(8), October 20:B15.
- (1998) Leidy, L. Human biology, biomedicine, and the study of menopause. *Association for Anthropology and Gerontology Newsletter*, 20 (2):2-4
- (1998) Leidy, L. Menopause. In: Ulifaszek SJ, Johnston FE, Preece MA (eds.) *Cambridge Encyclopedia of Growth and Development*, Cambridge University Press, pp.422-4.
- (1990) Leidy, L. Comparison of body size and age at menopause between Mexican-American and White American women [Extended abstract]. In Flint M, Kronenberg F, and Utian W. (Eds.) *Multidisciplinary Perspectives on Menopause*. Annals of the New York Academy of Sciences, 592:443-444.
- (1990) Leidy, L. The Timing of Menopause. *Association for Anthropology and Gerontology Newsletter*, 11(3):6-9.

BOOKS REVIEWED:

- (2006) Grandmotherhood: The Evolutionary Significance of the Second Half of Female Life. *Anthropology & Aging Quarterly*, 27(1):21-22.
- (2004) Physiology of the Graafian Follicle and Ovulation, by R.H.F. Hunter. *Am J Human Biology*, 16(2):172-173.
- (2003) Female Fertility and the Body Fat Connection, by Rose E. Frisch. *Human Biology*, 75(6):951-952.
- (2002) Sex, Gender and Health, by Tessa M. Pollard and Susan Brin Hyatt (eds.). *Human Biology*, 74(3):497-500.
- (1999) Guns, Germs, and Steel. by Jared Diamond. *Am J Human Biology*, 11(4):565-6.
- (1998) Human Nature: A Critical Reader. by Laura Betzig (ed.), *Am J Human Biology*, 10(2):270-1.
- (1997) Dynamics of Human Reproduction: Biology, Biometry, Demography. by James Wood, *Medical Anthro Quarterly*, 11(1):123-5.
- (1995) Fundamentals of Biological Anthropology by John H. Relethford, *Annals of Human Biology*, 22(5):467.
- (1995) A Guide to Reproduction: Social Issues and Human Concerns by Irina Pollard, *Am J Human Biology*, 7(4):547-48.
- (1994) 1992/93 Annual Editions: Physical Anthropology. *Human Biology*, 66(1):160-3.
- (1991) In Search of Ourselves: An Introduction to Physical Anthropology. *Human Biology*, 63(1): 99-100.

OTHER WORK IN PROGRESS/SUBMITTED:

- (In progress) Kyweluk MA, Sievert LL, Huicochea-Gomez L, Cahuich-Campos D, McDade T, Brown DE. Variation in levels of AMH across the menopausal transition in Campeche, Mexico
- (In progress) Huicochea Gómez L, Sievert LL, Cahuich Campos D, Brown DE. Utilization of health care by women at midlife in the state of Campeche, Mexico. for *Medical Anthropology*

(In progress) Sievert LL, Jaffe N. Age at menopause: review. Invited for *Women's Midlife Health*.
 (In progress) Mishra GD, Schoenaker DAJM, Anderson D, Sievert LL. Variations in reproductive characteristics across the life course of women from nine nations: a pooled analysis from the International collaboration for a Life course Approach to reproductive health and chronic disease Events (InterLACE).
 (In progress) Bentley GR, Begum K, Muttukrishna S, Sharmeen T, Murphy L, Nunez-de la Mora A, Kasim A, Chowdhury O, Sievert LL. Plasticity extends through childhood.
 (In progress) Murphy L, Sievert LL, Gonzalez MC. Age and symptom experience at menopause in Asunción, Paraguay.

PUBLISHED ABSTRACTS:

- (2017) DE Brown, A Potochney, R Namnama, N Garcia, H McKeague, A Ching, LL Sievert. Relation between hot flash experience and brown adipose tissue measured by infrared thermography in a pilot study of women at mid-life. *Am J Human Bio* 29(2):e22974, P56.
- (2017) DE Brown, LL Sievert, L Huicochea Gomez, D. Cahuich Campos. Relations of hot flash severity, stress and socioeconomic status among Mayan and non-Mayan women in Campeche, Mexico. *Am J Physical Anthro*
- (2017) M Kyweluk, LL Sievert, L Huicochea Gómez, D Brown, Diana Cahuich. Variation in levels of AMH across the menopausal transition in Campeche, Mexico. *Am J Human Bio* 29(2): e22974, P22.
- (2017) MC Freed, LL Sievert, A Nuñez-de la Mora, S Muttukrishna, K Begum, T Sharmeen, L Murphy, RT Chatterton, O Chowdhury, R Gunu, GR Bentley. No association of reproductive steroid hormones with partnership and parity among pre-menopausal Bengali and European women. *Am J Human Bio* 29(2): e22974, P47.
- (2016) LL Sievert, J Kent, L Huicochea Gomez, D Cahuich Campos, DE Brown. Grip strength and rapid foot-tapping in relation to the menopausal transition in Campeche, Mexico. *Menopause* 23(12):1391.
- (2016) LL Sievert, L Huicochea Gomez, D Cahuich Campos, DE Brown. Objective measures and perception of hot flashes among women in the city of Campeche and in the rural municipalities of Hopelchén and Calakmul. *Am J Human Bio* 28(2):296.
- (2016) LM Gerber, LL Sievert, AE Giambrone, M Verjee. Obesity and the risk of hot flashes in midlife Arab women living in Qatar. *Am J Human Bio* 28(2):278.
- (2015) LL Sievert, L Huicochea Gomez, D Cahuich Campos, DE Brown. Objective and subjective hot flashes in the city of Campeche, Mexico. *Menopause*, 22(12):1372.
- (2014) LL Sievert, L Huicochea Gomez, D Cahuich Campos, DE Brown. Prevalence and determinants of urinary stress incontinence in the city of Campeche, Mexico. *Menopause*, 21(12):1341.
- (2014) LL Sievert, A Masley. Do women experience menopausal-type hot flashes during the post-partum period? *Am J Physical Anthro*, suppl 58:239.
- (2014) LL Sievert, L Huicochea Gomez, D Cahuich Campos, G O'Connor, DE Brown. The frequency and determinants of stress incontinence among women at midlife in Campeche, Mexico. *Am J Human Bio*, 26(2):281.
- (2013) J Mortin-Martín, T Cárdenas-Becerril, L Pérez-Cañas, LL Sievert. Prevalence and determinants of risk for low bone mineral density and osteoporosis in a private practice population in Mexico City. *Menopause*, 20(12):1344.
- (2013) LL Sievert, A Masley. Are menopausal hot flashes an evolutionary byproduct of post-partum "warming"? *Menopause*, 20(12):1319.
- (2013) LL Sievert, L Huicochea Gomez, DE Brown, P Ruiz Becerra. The characterization of hot flashes among women in Campeche, Mexico. *Am J Human Biology*, 25(2):274-275.
- (2012) LL Sievert, L Huicochea Gomez, DE Brown, P Ruiz Becerra. Understanding the context of menopause: urban/rural differences in the state of Campeche, Mexico. *Menopause*, 19(12):1397.

- (2012) LL Sievert, JE Schwartz, LM Gerber. A comparison of salivary cortisol levels between symptomatic and non-symptomatic women at midlife. *Menopause*, 19(12):1397.
- (2012) LM Gerber, LL Sievert, JE Schwartz. Hot flashes and midlife symptoms in relation to levels of salivary cortisol. *Am J Human Bio*, 24(2):225.
- (2012) DE Brown, LL Sievert, LA Morrison. Japanese-Americans show increased frequency of diary reports of negative moods compared to other ethnic groups during the peri-menopause: the Hilo Women's Health Study. *Am J Physical Anthro*, suppl 54:107.
- (2011) LL Sievert, E Bertone-Johnson. Menstrual experience and midlife symptoms in Puebla, Mexico. *Menopause*, 18(12):1370.
- (2011) LL Sievert, K Begum, T Sharmeen, L Murphy, S Muttukrishna, O Chowdhury, GR Bentley. Estimating ovarian reserve: the contribution of one-time hormonal measurements and STRAW stages. *Menopause*, 18(12):1376.
- (2011) LL Sievert, K Begum, T Sharmeen, L Murphy, S Muttukrishna, O Chowdhury, GR Bentley. Frequency and determinants of self-reported diabetes among Bangladeshi women in Bangladesh and London. *Am J Human Bio*, 23(2):277.
- (2011) L Murphy, LL Sievert, K Begum, T Sharmeen O Chowdhury, S Muttukrishna, GR Bentley. Younger age at menopause among middle class Bangladeshi women exposed to cyclones in early life. *Am J Human Bio*, 23(2):268-269.
- (2011) A Reza, LL Sievert, LA Morrison, N Rahberg, DE Brown. Headache frequency of women in Hilo, Hawaii, the Hilo Women's Health Study. *Am J Human Bio*, 23(2):274.
- (2011) LL Sievert. Thyroid disease at midlife: byproduct of adaptations for successful pregnancy outcome? Invited presentation for the AAPA symposium "Evolution and health over the life course." *Am J Physical Anthro*, suppl 52:274-275.
- (2010) LL Sievert, LA Morrison, N Rahberg, AM Reza, P Mills, DE Brown. Lack of ethnic variation in hot flash experience at midlife in Hilo, Hawaii. *Am J Human Bio*, 22(2):270.
- (2010) K Begum, GR Bentley, LL Sievert, T Sharmeen, O Chowdhury, S Muttukrishna. Lower ovarian reserve among Hindu versus Muslim women in Bangladesh. *Am J Human Bio*, 22(2):246.
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- (2009) DE Brown, LL Sievert, LA Morrison, NJ Rahberg, AM Reza. Hot flashes precede transient elevated ambulatory systolic blood pressure: The Hilo Women's Health Study. *Menopause*, 16(6):1244.
- (2009) LL Sievert, Murphy L, K Begum, T Sharmeen, O Chowdhury, S Muttukrishna, G Bentley. Ambulatory hot flashes among Bangladeshi immigrants in London, their white British neighbors, and Bangladeshi sedentees *Menopause*, 16(6):1255
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- (2009) LL Sievert, CM Obermeyer. Frequencies and clustering of somatic symptoms at midlife: comparing quantitative and qualitative responses. *Am J Human Biology*, 21(2):268-269
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- (2009) AM Reza, LL Sievert, DE Brown, LA Morrison, N Rahberg. Symptom experience, discontent and desire to change: The Hilo Women's Health Study. *Am J Human Biology*, 21(2):266.
- (2009) GR Bentley, LL Sievert, K Begum, T Sharmeen, A Nunez de la Mora, S Muttukrishna. Changing environments, developmental plasticity and life history traits. *Am J Phys Anthro*, suppl 48:89.
- (2009) LA Morrison, LL Sievert, DE Brown, AM Reza, N Rahberg, AN Goodloe. A quantitative and qualitative assessment of attitudes toward menstruation and menopause: The Hilo Women's Health Study. *Am J Human Biology*, 21(2):261.
- (2009) K Begum, S Muttukrishna, T Sharmeen, LL Sievert, O Chowdhury, G Bentley. The effect of migration on ovarian reserve in adult Bangladeshi women. *Am J Human Biology*, 21(2):245-246.
- (2008) LL Sievert, T Sharmeen, K Begum, O Chowdhury, S Muttukrishna, G Bentley. Household workloads and symptoms at midlife among Bangladeshis in London, UK, and Sylhet, Bangladesh. *Menopause* 15(6):1206.
- (2008) DE Brown, LL Sievert, LA Morrison, AM Reza, PS Mills. Do Japanese-American women really have fewer hot flashes than European Americans? The Hilo Women's Health Study. *Menopause* 15(6):1213.
- (2008) LL Sievert, T Sharmeen, K Begum, O Chowdhury, S Muttukrishna, G Bentley. Subjective and objective hot flash experience in Sylhet, Bangladesh. *Am J Human Biology*, 20(2):233.
- (2008) LL Sievert, A Reza, P Mills, D Brown. Circadian rhythms and levels of concordance between measures of objective and subjective hot flashes in a multiethnic population. *Am J Phys Anthro*, suppl 46:194.
- (2008) T Sharmeen, LL Sievert, K Begum, S Muttukrishna, G Bentley. A comparison of menopausal symptoms among women in Sylhet, Bangladesh and Sylheti migrants in London, UK. *Am J Phys Anthro*, suppl 46:190.
- (2007) Evolutionary medicine and reproductive senescence. Invited Plenary Presentation for the North American Menopause Society, 10/4/07. *Menopause*, 14(6):1074.
- (2007) LL Sievert, K Begum, T Sharmeen, O Chowdhury, S Muttukrishna, G Bentley. Patterns of sweating and hot flashes measured by sternal skin conductance in Sylhet, Bangladesh. *Menopause*, 14(6):1102.
- (2006) LL Sievert, DE Brown, LA Morrison, AM Reza. Age at menopause in Hilo, Hawaii: The Hilo Women's Health Study. *Menopause*, 13(6):1013.
- (2006) LL Sievert, CM Obermeyer, RF Reynolds. Cross-cultural variation in symptoms at midlife and their association with job, home, and life change. *Am J Human Biology*, 18(2):273-274.
- (2006) LM Morrison, DE Brown, LL Sievert, AM Reza, HAT Tefft. Age-related differences in health-related complaints: The Hilo Women's Health Study. *Am J Human Biology*, 18(2):263.
- (2006) LL Sievert, AEF Rudzik. Determinants of tubal ligation in Puebla, Mexico. *Am J Phys Anthro*, suppl 42:165.
- (2005) LL Sievert, LA Morrison, AM Reza, DE Brown. Hot flash experience among Japanese and Caucasian women living in Hilo, Hawaii. *Menopause*, 12(6):807.
- (2005) LL Sievert, J Zarain. The use of skin conductance and body diagrams to study hot flashes in Puebla, Mexico. *Am J Human Biology*, 17(2):255-256.
- (2005) C DuBois, K Kennedy, LL Sievert, GR Bentley. Variation in ovulatory signals between women who either do or do not use natural fertility methods. *Am J Human Biology*, 17(2):239.
- (2005) LM Gerber, LL Sievert, TG Pickering, JE Schwartz. Hot flashes are associated with increased systolic blood pressure. *Am J Human Biology*, 17(2):241-242.
- (2005) K Kennedy, C DuBois, H McGarrigle, LL Sievert, GR Bentley. Qualitative vs. quantitative assessments of self-reported ovulation in London women. *Am J Human Biology*, 17(2):246-247.
- (2005) LL Sievert, MC Gonzalez, AM Hurtado. The experience of menopause in Paraguay. *Am J Phys Anthro*, suppl 40:190-191.
- (2004) LL Sievert, MC Gonzalez, MD Gomez. Factors associated with hot flashes in Asunción, Paraguay. *Menopause*, 11(6):684.

- (2004) LL Sievert, MC Gonzalez, AM Hurtado, E Gonzalez de Troche. Peri-menopausal FSH and estradiol levels among the Maká of Paraguay. *Menopause*, 11(6):684.
- (2004) LL Sievert and C DuBois. Validating subjective signals of ovulation. *Am J Phys Anthro*, suppl 38:181-182.
- (2004) C DuBois and LL Sievert. Windows of opportunity: how women think they know when they ovulate. *Am J Human Biology*, 16(2):201-202.
- (2003) LL Sievert and E Flanagan. Geographical distribution of hot flash frequencies: considering climatic influences. *Am J Phys Anthro*, suppl 36:191.
- (2003) L Leidy Sievert. Hot flashes and phytoestrogenic comfort food in Puebla, Mexico. *Am J Human Biology*, 15(2):270.
- (2002) L. Leidy Sievert and G. Espinosa-Hernandez. How does a woman feel during menopause? attitudes and symptom experience in Puebla, Mexico. *Menopause*, 9:478-479.
- (2002) L Leidy Sievert, E Flanagan, GD James. Ambulatory blood pressure and heart rate in relation to hot flash experience among women of menopausal age. *Am J Human Biology*, 14:121.
- (2002) LL Sievert, SI Hautaniemi Age at menopause in Puebla, Mexico: methodological considerations. *Am J Phys Anthro*, suppl 34:141.
- (2001) L Leidy Sievert. Considering a relationship between breast feeding and hot flashes. *Am J Human Biology*, 13:128-129.
- (2001) SK Goode-Null, L Leidy Sievert. Musculoskeletal pain in women of menopausal age. *Am J Phys Anthro*, suppl 32:71-72.
- (2000) LE Leidy, RR Freedman, J Zarain Garcia, JL Foster, Perimenopausal hot flashes in Puebla, Mexico. *Menopause*, 7(6):439.
- (2000) LE Leidy, KL Pearce. Childhood milk consumption and age at natural menopause: a lifespan perspective. *Am J Phys Anthro* suppl 30:209.
- (2000) LE Leidy, RR Freedman, J Zarain Garcia, JL Foster. Measurement of perimenopausal hot flashes in Puebla, Mexico. *Am J Human Biology*, 12(2):280.
- (1999) L Leidy, K Pearce. Age at menopause in relation to milk consumption: a lifespan perspective. *Menopause*, 6(4):343.
- (1999) LE Leidy Menopause: Bio-Cultural Approaches. Plenary Session. *Am J Human Biology*, 11(1):103.
- (1999) LE Leidy. The evolution of human menopause. *Am J Human Biology*, 11(1):119.
- (1999) LE Leidy Monitored growth: anthropometrics and health history records at a New England middle school, 1935-1960. *Am J Phys Anthro*, suppl 28:181.
- (1998) LE Leidy, C.Canali, W.E. Callahan. Reconsidering the assumption that clinical populations are nonrepresentative for studies of menopause: initial inquiries. *Menopause*, 5(4):255.
- (1998) LE Leidy. Accessory eggs, follicular atresia, and the evolution of human menopause. *Am J Phys Anthro*, suppl 26:148-9.
- (1998) LR Godfrey, LE Leidy, and MR Sutherland. Measuring "rates" of follicular atresia: a cautionary tale. *Am J Phys Anthro*, suppl 26:101.
- (1997) LE Leidy, LR Godfrey, MR Sutherland. Is follicular atresia biphasic? *Menopause*, 4:253.
- (1997) LE Leidy. Hot flash frequency in relation to urinary luteinizing hormone levels: a preliminary report. *Am J Phys Anthro*, suppl 24:152-3.
- (1997) LE Leidy. Menopausal symptoms and everyday complaints. *Am J Human Biology*, 9(1):134-5.
- (1996) LE Leidy. Menstruation, menopause, and everyday discomforts: testing "the complainer" hypothesis. *Menopause*, 3(4):226-7.
- (1996) LE Leidy. Characteristics associated with history of hysterectomy: who is excluded from studies of natural menopause? *Am J Human Biology*, 8(1):119-20.
- (1996) LE Leidy. Considering the effect of marriage on variation in age at menopause. *Am J Phys Anthro*, suppl 22:147.
- (1995) LE Leidy. Correlation in ages at menarche and menopause among Cuban-American and Puerto Rican women. *Am J Phys Anthro*, suppl 20:132-133.

- (1994) LE Leidy. Age at menopause and reproductive history: Risk factor relationships. *Menopause*, 1(3):143.
- (1994) LE Leidy. The lifespan approach: but isn't it too broad? *Am J Phys Anthro*, suppl 18:128.
- (1993) LE Leidy. Age at menopause and reproductive history. *Am J Phys Anthro*, suppl 16:132.
- (1992) LE Leidy. Terminal abstinence in Cameroon and Nigeria. *Am J Phys Anthro*, suppl 14:107.
- (1991) LE Leidy. The timing of menopause in relation to weight change: a lifespan perspective. *Am J Phys Anthro*, suppl 12:112-113.
- (1991) LE Leidy. Age at menopause and severity of menopausal symptoms in relation to body size, exercise, and smoking habits. *Am J Human Biology*, 3(1):65-66.
- (1990) LE Leidy. Handedness and ages at menarche and menopause among Mexican-American women. *Am J Phys Anthro*, 81(2):257.
- (1990) LE Leidy. Predicting age at menopause from indicators of nutritional status. *Am J Human Biology*, 2(2):195.
- (1989) LE Leidy. Variation in age at menarche and menopause with regard to measures of weight, fatness and height. *Am J Phys Anthro*, 78(2):259.

ADDITIONAL PAPERS PRESENTED/INVITED TALKS:

- (2017) Measurement of hot flashes: cross-cultural research highlights the challenges. Invited presentation for a Workshop on Menopause, Health and Culture, London School of Economics, 5/24/17.
- (2017) Is it Hot in Here? Thinking About the Evolution of Menopause. Invited presentation for the Organismic and Evolutionary Biology Science Café, Amherst, MA. Community lecture, 3/9/17.
- (2017) Variation in age at menopause and symptom experience at midlife. Invited presentation for the Indian Science Congress, Sri Venkateswara University, Tirupati, India, 1/4/17.
- (2016) Setting the second stage: the evolution of menopause and post-reproductive life. Invited paper for the session From Paleo to Postmodern, Annual meeting of the Gerontological Society of America, New Orleans, 11/19/16.
- (2016) Cross-cultural menopause symptoms. Invited Plenary Lecture, North American Menopause Society, 10/6/16, *Menopause* 23(12):
- (2016) Symptom experience at midlife across cultures. Invited presentation for the “Meet the Experts” breakfast series. North American Menopause Society, 10/7/16, Orlando, FL.
- (2016) Let’s talk about sexuality, menopause, and aging. Community lecture, Adam & Eve, Greenfield, MA, 4/24/16.
- (2016) Women’s health at midlife from the perspective of developmental origins of health and disease (DOHaD). Invited lecture for the Biomedical Anthropology Speaker Series, Binghamton University, 3/14/16.
- (2016) Women’s health at midlife: three perspectives. Invited lecture for the Developmental Psychology Colloquium, UMass Amherst, 3/10/16.
- (2016) Session organizer and Speaker for “Global variation in health and aging: cultural contexts and quality of life” for the Annual Meeting of the AAAS. Title of talk: “Cultural contexts and cross-population comparisons of symptoms at midlife.” Proceedings, pp. 43-44. Washington, D.C., 2/14/16.
- (2015) Early events, later effects: Women’s health across the lifespan. Invited lecture for the American University of Beirut, 5/15/15.
- (2014) Highlights of biocultural research. Invited as part of “The Biocultural Perspective at UMass: Reflections on its Origins and Development.” Panel discussion, UMass Amherst, 10/27/14.
- (2014) Cross-cultural perspectives on symptom experience at midlife. Invited presentation for the “Meet the Experts” breakfast series. North American Menopause Society, 10/17/14, Washington, D.C.
- (2014) Perspectivas para el estudio de la menopausia. Invited 6-hour seminar, Instituto de Investigaciones Psicológicas, Universidad Veracruzana, Xalapa, Veracruz, Mexico 9/9/14.

- (2014) Menopausia y cultura. Invited lecture, Instituto de Investigaciones Psicológicas, Universidad Veracruzana, Xalapa, Veracruz, Mexico, 9/8/14.
- (2014) Measuring hot flashes: comparing results from qualitative interviews, survey questionnaires, and ambulatory monitors. International Menopause Society, Cancun, Mexico. 5/3/14.
- (2014) Hot flashes across cultures. Invited presentation for the panel “Coping with Menopause.” Tay Gavin Erickson Lecture Series, Center for Research on Families, UMass Amherst, 4/24/14.
- (2014) Biocultural effects of menopause. Invited presentation for the Anthropology Colloquium, University of Wisconsin, Milwaukee, 3/7/14.
- (2014) Variation in the menopausal transition: Hawaii, Mexico, and Bangladesh. Invited for session: Comparative advantage: Global perspectives on human biology and health (Thomas McDade and William Leonard). AAAS, Chicago, 2/16/14.
- (2013) L Huicochea Gomez, D Cahuich Campos, LL Sievert, DE Brown. Factores socioculturales y experiencias de vida de mujeres que viven bochornos fisiológicos en Campeche México. XVII Coloquio Internacional de Antropología Física Juan Comas, Colima, Mexico, 11/15/2013.
- (2013) LL Sievert, L Huicochea Gomez, D Cahuich-Campos, DE Brown. La frecuencia y los determinantes de los bochornos (calores) de la menopausia en Campeche, México. XVII Coloquio Internacional de Antropología Física Juan Comas, Colima, Mexico, 11/15/2013.
- (2013) Cross-cultural perspectives on menopause. Invited presentation for the “Meet the Experts” breakfast series. North American Menopause Society, 10/11/13, Dallas, TX.
- (2013) The physiology and diurnal rhythm of hot flashes. Hormones for Breakfast Seminar Series, UMass Amherst, 1/30/13.
- (2012) Menopause in the context of lifespan, family, and culture. Invited presentation for the Center for Research on Families Annual Research Forum and Awards Dinner. UMass Amherst, 11/29/12.
- (2012) Percepción subjetiva y medidas objetivas de los bochornos: consideraciones metodológicas. Invited presentation for the XX Congress of the Asociación Mexicana para el Estudio del Climaterio (AMEC), 10/19/21.
- (2012) Terapia hormonal: posicionamiento de NAMS-AMEC. Invited presentation for the XX Congress of the Asociación Mexicana para el Estudio del Climaterio (AMEC), with Dra. Miriam C. Negrin Pérez, 10/19/21.
- (2012) Menopause across Cultures. Invited presentation for the “Meet the Experts” breakfast series. North American Menopause Society, 10/5/12, Orlando, FL.
- (2012) The alpha and omega of female reproduction: menarche, menopause, and women’s health. [with Noel Cameron] Ustinov College Cafe Scientifique, Durham University, UK 5/17/12.
- (2012) Why men don’t have menopause. Public lecture for the Institute of Advanced Study, Trevelyan College, Durham University, UK, 5/15/12.
- (2012) Bridging two literatures: the evolution of religion and women’s health. Work-in-progress seminar for the Institute of Advanced Study, Durham University, UK 5/14/12.
- (2012) How to explain post-reproductive life without grandmothers. Department of Anthropology, Durham University, UK, 5/8/12.
- (2012) Session organizer and Discussant for “Making the invisible visible” for the Annual Meeting of the AAAS, Proceedings page 65, Vancouver, Canada, 2/19/12.
- (2011) Cross-cultural variation in reproductive aging and symptoms at midlife. Invited presentation as part of the Endocrinology seminar series, Northwestern University, 12/15/11.
- (2011) La frecuencia y los determinantes de diabetes entre las mujeres Bangladeshi en Bangladesh y Londres. XVI Coloquio Internacional de Antropología Física Juan Comas, Oaxaca, Mexico 11/14/2011.
- (2011) Cross-cultural studies of menopause. Invited presentation for the “Meet the Experts” breakfast series. North American Menopause Society, 9/23/11, Washington, D.C.
- (2011) La menopausia: los síntomas en el contexto de clima, dieta, religion, y otros factores culturales. Invited presentation for El Colegio de la Frontera Sur, Campeche, Mexico, 7/1/11.

- (2011) Envejecimiento reproductivo. Invited presentation for the Instituto Universitario Carl Rogers, Puebla, Mexico, 6/27/11.
- (2011) Menopause and pelvic floor disorders, cross-cultural perspectives. Invited seminar for Proctor and Gamble, Cincinnati, Ohio, 1/20/11.
- (2010) LL Sievert, A Kohr, MC Gonzalez. Las oleadas de calor con la menopausia en Asunción, Paraguay. XI Congreso de la Asociación Latinoamericana de Antropología Biológica, Bogota, Colombia, 10/23/10.
- (2010) Reproductive ecology and the adaptationist perspective. Invited seminar, Department of Anthropology, University of Adam Mickiewicz, Poznan, Poland, 9/3/10.
- (2010) Symptom experience at menopause as an aspect of human variation. Keynote presentation for the European Anthropological Association, 8/31/10.
- (2010) A migration study of hormone levels and symptom frequencies at midlife: Bangladeshi women in London and Bangladesh. Invited presentation for the Comparative Medicine Seminar Series, Wake Forest University Primate Center, 5/27/10.
- (2009) LE Sievert, D Brown, L Morrison, A Reza. Metodos subjetivos y objetivos dan respuestas diferentes. XV Coloquio Internacional de Antropologia Fisica Juan Comas, Merida, Yucatan, 10/22/09.
- (2008) Hot flashes at midlife: human variation and my search for a “culture-free” variable. Invited presentation for Dept. Anthropology Colloquium, The University of Pennsylvania, 11/3/08.
- (2008) Menopause and women’s health across cultures. Invited presentation for video conference between UMass Amherst and Tabriz University, Iran. 10/8/08.
- (2008) Results of the Hilo Women’s Health Study. Invited talk for the general community at the University of Hawaii at Hilo, 5/29/08.
- (2008) Sievert LL, DuBois Z, Murphy L, Bentley GR, Muttukrishna S, Sharmeen T, Begum K, Chowdhury O, Zarain J. An ecological approach to the study of hot flashes among women at midlife. Northeast Anthropological Association, UMass Amherst, 3/8/08
- (2007) Andropause and menopause. Invited presentation for the Parkes Foundation Conference on Reproduction and Adaptation, Department of Biological Anthropology, University of Cambridge, UK, 9/18/07
- (2007) Biology, climate, and culture: an ecological approach to the study of menopausal complaints. Keynote presentation for the German Anthropological Society, Freiburg, Germany, 9/12/07
- (2007) Evolutionary Medicine and menstrual suppressing oral contraceptives. Society for Menstrual Cycle Research, Vancouver, Canada, 6/7-9/07
- (2007) Monitoring hot flashes in Sylhet, Bangladesh. Invited presentation for the Workshop on Menopause and Aging in Spain and Morocco: Challenges and Possibilities for Future Research. Madrid, Spain, 5/11/07.
- (2007) Comparative studies of menopause: common themes and divergences. Invited presentation for the Workshop on Menopause and Aging in Spain and Morocco: Challenges and Possibilities for Future Research. Madrid, Spain, 5/10/07.
- (2006) Menopause: Results of the Hilo Women’s Health Study. Invited talk for the general community at the University of Hawaii-Hilo, 8/16/06.
- (2006) Cultural differences of the menopause. Invited guest on Woman’s Journal, BBC Radio 4, London, 7/10/06
- (2006) A brief history of cross-cultural studies in anthropology. Invited presentation for a workshop on “Cross-Cultural Comparisons of Midlife and Aging,” Boston, MA 5/10/06
- (2006) Measuring hot flashes through skin conductance: cross-population concerns. Invited presentation for a workshop on “Cross-Cultural Comparisons of Midlife and Aging,” Boston, MA 5/11/06
- (2005) Cómo medir estrés que puede afectar la edad de la menopausia? XII Coloquio Internacional de Antropologia Fisica “Juan Comas”, Campeche, Mexico. 11/05
- (2005) Climate, culture and hormones: Variation in menopausal hot flashes. Invited presentation for the

- Biological Anthropology Seminar Series, University College London, 2/22/05.
- (2004) LL Sievert and MC Gonzalez. La experiencia de la menopausia en Asunción, Paraguay. VII Congreso de la Asociación Latinoamericana de Antropología Biológica “Adelaida de Díaz Ungria”, Caracas, Venezuela, 10/04.
 - (2004) Symptoms at the change of life: an anthropologist’s perspective on menopause. Invited presentation for the Minority Biomedical Research Support Program, University of Hawaii at Hilo, 8/30/04
 - (2004) J Zarain Garcia and LL Sievert. Factores asociados con bochornos en Puebla, Mexico. Tercero Curso de Climaterio y Osteoporosis, Asociación Poblana para el Estudio del Climaterio, 8/28/04.
 - (2004) MC Gonzalez, LL Sievert, AM Hurtado. Symptom frequencies among women of menopausal age. Primero Encuentro Latinoamericano de Investigación en Climaterio, Cuzco, Peru 5/29/04.
 - (2004) Determinants of hot flashes. Invited presentation for the workshop “Therapeutic Decisions at Menopause: Results of the DAMES study in Lebanon, Morocco, Spain, and the US”, Beirut, 4/5/04.
 - (2004) Menopausal hot flashes: cross-cultural variation and etiologic clues. Invited presentation for the Organismic and Evolutionary Biology Seminar Series, UMass Amherst, 4/2/04.
 - (2004) Menopausal hot flashes: climate, biology, and cultural context. Invited presentation for the Anthropology Seminar Series, Yale University, 3/4/04.
 - (2003) LL Sievert and EK Flanagan. La relación entre la frecuencia de bochornos o calores en mujeres climatéricas con la latitud, altura sobre el nivel del mar y la temperatura media anual. Coloquio Internacional de Antropología Física “Juan Comas”, Tlaxcala, Mexico 11/03.
 - (2002) Menopause in Society. Guest on Commonwealth Journal, WUMB Radio, UMass Boston, Program 2002-46.
 - (2002) Menopause: making sense of human variation. Invited presentation for the Biomedical Seminar Series, University of Hawaii at Hilo, 11/14/02.
 - (2002) La relación entre el índice de masa corporal y la experiencia de los bochornos (calores): la consideración de dos hipótesis VII Congreso Internacional de la Asociación Latinoamericana de Antropología Biológica, Mexico City, 10/22/02.
 - (2002) Biology and culture in understanding menopause: the Mexican example. Invited presentation for the Derald H. Ruttenberg Cancer Center, Mount Sinai School of Medicine , 8/2/02.
 - (2002) Recent Work and Future Directions in Studies of Reproductive Aging. Invited presentation for Changing International Developments and Perspectives in Human Biology: Research and Programmatic Issues, Symposium/Workshop, International Assoc. of Human Biology, Buffalo, NY, 4/12/02.
 - (2002) Hot flashes and bone pain: The assessment of menopausal symptoms in Puebla, Mexico. Invited presentation for Anthropological Approaches to Health Research Symposium, Yale University, 4/6/02.
 - (2001) Workshop: Medications, gender, and “irrational” use: findings of pilot studies. Invited participant, World Health Organization, Geneva, 12/5-7/01
 - (2001) Aspectos Sociales y Biológicos de la Reproducción Humana: Un Seminario. Invited week-long seminar presented to La Escuela Nacional de Antropología e Historia, Mexico City, 10/1-5/01.
 - (2001) El envejecimiento reproductivo: perspectivas biológicas y culturales. Invited plenary address for the Mexican Biological Anthropology Association (AMAB) Coloquio Internacional de Antropología Física “Juan Comas”, Orizaba, Veracruz, Mexico 9/26/01.
 - (2001) Symptoms associated with reproductive aging in Puebla, Mexico. Invited plenary address for the Society for Menstrual Cycle Research, Avon, Connecticut, 6/8/01.
 - (2001) Is a hot flash different in Mexico? Invited poster presentation in association with a community-based art exhibition “Menopause, Second Spring”. Burnett Gallery, Jones Library, Amherst, MA, 3/10-3/28/01.
 - (2001) Peri-menopausal hot flashes in Puebla, Mexico. Invited presentation for the Ecology of

- Reproductive Aging workshop, Universidad Autonoma de Madrid, 1/18/01.
- (2000) Menopause: Life history and lifespan perspectives. Invited presentation for the Friday colloquia, Harvard's Biological Anthropology Wing, 12/3/00.
 - (2000) Menopausal symptoms in the context of culture. Invited presentation for the United Health Services, Binghamton, NY. CME credit for MD's. 11/17/00.
 - (2000) L Leidy, R Freedman, J Zarain Garcia, J Foster. Los sintomas de la menopausia en Puebla, Mexico. VI Congreso de la Asociacion Latinoamericana de Antropologia Biologica, Uruguay, 10/2000.
 - (1999) Can we leave medicine out of this? Human biology and the study of menopause. Invited presentation for the American Anthropological Association, Chicago, 11/19/99.
 - (1999) Discussant for session entitled The Medicalization of Menopause: Professional and Lay Models, American Anthropological Association, Chicago, 11/20/99.
 - (1999) The evolution of human menopause. Invited presentation for the Women's Health Seminar Series, Wake Forest University Baptist Medical Center, 9/9/99.
 - (1999) Wealth and growth: stature and maturation at a New England middle school, 1935-1960. Presented at the Fourth International Congress of Ales Hrdlicka, Prague, Czech Republic. 9/3/99.
 - (1998) Bio-cultural studies of menopause: variation without medicalization? Invited presentation for the Hispanic Health Council, Hartford, Conn. 5/29/98.
 - (1997) Los bochornos de la menopausia. Presented at the IX Coloquio Internacional de Antropologia Fisica, Juan Comas. Queretaro, Mexico. 11/6/97.
 - (1997) Variation in age and experience at menopause. Invited as part of a speaker series. New York Chiropractic College, Seneca Falls, NY, 2/26/97.
 - (1997) Menopause and evolution. Invited presentation for the Organismic and Evolutionary Biology program, UMass at Amherst, 2/20/97.
 - (1996) Marketing the Invalids' Hotel: R.V. Pierce and the (inadvertent) popularization of medical progress. Presented at the 69th Annual Meeting of the American Association for the History of Medicine, Buffalo, 5/96.
 - (1995) Social roles and uterine position: the prevention and correction of displacement in the nineteenth century. Invited H.Davis Lecture and Grand Rounds, Obstetrics and Gynecology, The University of Illinois at Chicago College of Medicine, 11/95.
 - (1995) World hunger and women's health. Invited presentation for the MassPIRG Hunger Banquet, University of Massachusetts at Amherst, Nov. 15, 1995. (retitled by MassPIRG program, "Nutrition as a woman's issue")
 - (1995) Social roles and uterine position: The prevention and correction of displacement in the nineteenth century. Presented at the 68th Annual Meeting of the American Association for the History of Medicine, Pittsburgh, 5/95.
 - (1993) Changing fears: mothers' psychosis, daughters' osteoporosis. Presented at the 4th Annual Meeting of the North American Menopause Society, San Diego, 9/93.
 - (1993) The pediatric challenge of the 90's: caring across cultures. Invited by the Center for Women and Children's Services at St. Peter's Hospital, March 24, 1993
 - (1992) Age at menopause in relation to weight change: altering the rate of atresia. Presented at the Meeting of the North American Menopause Society, 9/92.
 - (1991) The timing of menopause in biological and socio-cultural context: When is "early"? Presented at the Meeting of the North American Menopause Society, 9/91.
 - (1989) Cultural baggage: expectations about health, illness, and health care carried abroad by college students. Invited paper for the National Association for Foreign Student Affairs, Region X Conference, Albany, NY 11/89.

PROFESSIONAL SERVICE:

University of Massachusetts at Amherst:

2017	Search Committee for the Darwin Postdoc, Organismic and Evolutionary Biology
2015-2016	<u>Interim co-Director</u> , Center for Research on Families
2015	University Research IT Strategic Planning Committee
2013	University Research Strategic Planning Committee
2013	Sub-Committee URSPC, Excellence in Research and Scholarly Activity
2012-2013	Instructional Innovation Advisory Council, College of Social and Behavioral Sciences
2011-2013	University Doctoral Program Review Committee
2011-present	University IRB Committee (<u>Chair 2013 - present</u>)
2010-2015	Research Council, College of Social and Behavioral Sciences
2009-2011	Steering Committee, Center for Research and Education in Women's Health
2008-2010	Chair, Executive Committee, College of Social and Behavioral Sciences
2008-2009	Research Library Council Task Force on Implications & Impacts of Digital Scholarship
summer 2008	Acting Chair, Department of Anthropology
2007-2013	Undergraduate Program Director, Department of Anthropology
2007-2017	Steering Committee, Center for Research on Families
2005-2007	Executive Committee, College of Social and Behavioral Sciences
2005-2006	Chair, University Research Policy Committee
2004-2010	University Research Council
2004-2005	Search Committee for the Director of University Libraries
2003-2004	Research Council, College of Social and Behavioral Sciences
2002-2006	Steering Committee, Graduate Program in Organismic and Evolutionary Biology
2001-2006	Undergraduate Program Director, Department of Anthropology
2000-2001	Executive Committee, College of Social and Behavioral Sciences
1998-2002	Seminar Committee, Graduate Program in Organismic and Evolutionary Biology
1997-2004	Steering Committee, Center for Research and Education in Women's Health
1996-2003	Coordinator, Honors Program, Department of Anthropology

Five Colleges:

1998-2001	Coordinator, Five College Program in Culture, Health, and Science
1994-2004	Steering Committee, Five College Program in Culture, Health, and Science

Professional:

2016-2018	Review panel, Wenner-Gren Foundation for Anthropological Research
2013-2019	<u>Editor-in-Chief</u> , <i>American Journal of Human Biology</i>
2002-2013	Editorial Board, <i>American Journal of Human Biology</i> , Human Biology Association
1996-present	Editorial Board, <i>Menopause</i> , North American Menopause Society
2012-2015	Editorial Board, <i>Anthropological Review</i> , Polish Anthropological Society
2013-present	Editorial Board, <i>Women's Reproductive Health</i> , Society for Menstrual Cycle Research
2017-present	Editorial Board, <i>Women's Midlife Health</i>
2010	Editorial Board, <i>Life Course, Culture, and Aging: Global Transformation</i> . Berghahn Publishers. Jay Sokolovsky (Ed.)
2012	Nominations Committee, American Association of Physical Anthropologists
2012	Abstract Review Committee for the North American Menopause Society
2011-2014	Electorate Nominating Committee of the Section on Anthropology (H), AAAS
2011-2012	Research Affairs Committee of the North American Menopause Society
2011-2012	NSF Panel, Graduate Research Fellowship Program
2010-2016	<u>Board of Trustees</u> , North American Menopause Society
2008-2009	Abstract Review Committee for the North American Menopause Society
2006-2009	Electorate Nominating Committee of the Section on Anthropology (H), AAAS

2005-2006 Program Committee for the North American Menopause Society
 2004-2008 Executive Committee, Human Biology Association
 2004-2006 NSF Panel, Minority Post-doctoral Fellowships
 2002-2006 Abstract Review Committee for the North American Menopause Society (Chair 2005)
 2002-2004 Program Committee for the American Association of Physical Anthropologists
 2001-2003 Basker Prize Committee, Society for Medical Anthropology
 2001-2003 Nominations and Elections Committee, Human Biology Association (Chair 2002-2003)
 1996-2000 Secretary/Treasurer, Human Biology Association
 Ad hoc reviewer for *American Journal of Physical Anthropology*, *Annals of Human Biology*,
Anthropology and Aging Quarterly, *Climacteric*, *Human Biology*, *Human Nature*, *Human*
Reproduction, *Journal of Cross-Cultural Gerontology*, *Journal of the American Aging*
Association, *Journal of Biosocial Science*, *Physiology and Behavior*, *PLOS ONE*, *Maturitas*,
Psychophysiology, *Social Science and Medicine*, *Women and Health*, *Yearbook of Physical*
Anthropology
 Reviewer of grant proposals for NSF and Wenner-Gren Foundation

PROFESSIONAL MEMBERSHIPS:

American Association for the Advancement of Science, 2002-present
 American Association of Physical Anthropologists, 1988-present
 Asociación Latinoamericana de Antropología Biológica, 1999-present
 Asociación Mexicana de Antropología Biológica, 2001-present
 Human Biology Association, 1989-present
 North American Menopause Society, 1989-present
 Society for the Study of Human Biology, 2003-present
 Society for Menstrual Cycle Research, 2001-present

NURSING and OTHER EXPERIENCE:

10/07-1/17 Volunteer Nondenominational Chaplain, Franklin Medical Center, Greenfield, MA
 10/09-4/10 Chaplain Intern, CPE program, Baystate Medical Center, Springfield, MA.
 10/07-4/08 Chaplain Intern, CPE program, Baystate Medical Center, Springfield, MA.
 6/88-1/91 Charge Nurse, RN. Eden Park Nursing Home, Catskill, NY.
 11/85-12/87 Staff Nurse, RN. Kingston Hospital, Kingston, NY. Medical, Oncology, Detox Unit.
 1/84-10/85 Staff and Charge Nurse, RN. St. Joseph Hospital, Albuquerque, NM. Medical floor.
 Summer/82 Volunteer Nurse. Maternity Ward, Hospital Civil, Xalapa, Veracruz, Mexico.

FIELD EXPERIENCE

Campeche, Mexico

2012-2016. Supervising and participating in collection of data to assess objective and subjective hot flash experience among rural and urban Mayan women compared with rural and urban Mestizo women in the state and city of Campeche. In collaboration with Laura Huicochea, Diana Cahuich, and Daniel E. Brown.

London, UK and Sylhet, Bangladesh

2006-2009. Supervised collection of data to determine variation in age at menopause, symptom experience, and hormone levels among Bangladeshi immigrants in London, their white London neighbors, and Bangladeshis living in Sylhet, Bangladesh. Fieldwork in Bangladesh, Spring, 2007. In collaboration with Gillian Bentley and Shanthi Muttukrishna.

Hilo, Hawaii

2004-2008. Consultant, supervised multiethnic survey of women's health and menopause in Hilo

- Hawaii (n=1824). Cross-sectional clinical study of blood pressure and hot flashes (n=202). In collaboration with Dan Brown and Lynn Morrison.
- Puebla, Mexico
 summer 2004. Puebla, Mexico. Study of heat flow during hot flashes using sternal and nuchal skin conductance as well as diagrams of female figures.
 1995-2000. Six summers, 2 January terms. Puebla, Mexico. Age at menopause, symptom experience, and treatment choices. Collaborative work with two menopause clinics and University of the Americas, Puebla. Clinical measurement of hot flashes using sternal skin conductance.
- Asunción and Mbaracayu, Paraguay.
 summer 2003. Study of age at menopause and symptom experience among the Ache and Maka, and among Paraguayan women in Asunción, Paraguay. Survey research, anthropometry, FSH and estradiol levels, in collaboration with Mario Carlos Gonzales and Magdalena Hurtado.
- Selška Valley, Slovenia.
 summer 2002. Study of age at menopause, symptom experience, and treatment choices in four mountain and two valley villages. Collaborative work with Maruška Vidovic, Institute of Public Health of the Republic of Slovenia.
- Western Massachusetts.
 summer 2001. Pilot study of ambulatory blood pressure and menopausal symptoms. Collaborative work with Gary James, Binghamton University.
 1995-2001. Western Massachusetts. Age and symptom experience at menopause. Anthropometric measures, urine testing for LH, survey data collected from women ages 40-60. Breast Health Project participants, exercise groups, school districts, community groups, shopping mall. Comparison project with patients from a doctor's office. Longitudinal telephone follow up.
- Greene County, NY.
 1989-1990 Age and symptom experience at menopause. Anthropometric measures and survey data collected from women, ages 40-65, in 5 school districts, county medical center, county offices, a factory, churches, garden and quilting clubs and other community organizations.
- Almeria, Spain.
 summer, 1985 Investigated grandparenting styles and care of the elderly.
- Harrisburg, PA.
 Fall, 1983. Internship with the Harrisburg Crisis Intervention Center. Investigated health care needs of the Spanish-speaking community.
- Jalapa, Veracruz, Mexico.
 summer, 1982. Volunteer work as a nurse on the Maternity Ward of Hospital Civil. Visited area hospitals, clinics, sanitariums, midwife clinics, and nursing homes.