

CURRICULUM VITAE

Susan R. Sturgeon
University of Massachusetts Amherst
Department of Biostatistics and Epidemiology
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CURRENT POSITION

Professor, Department of Biostatistics and Epidemiology, School of Public Health and Health Sciences, University of Massachusetts Amherst

Research Interests: Hormones and Cancer in Women, Nutritional Interventions for Cancer Prevention in Women, Epigenetic Epidemiology of Breast Cancer

EDUCATION

DrPH in Cancer Epidemiology, Columbia University, New York, NY
MPH in Chronic Disease Epidemiology, Yale University, New Haven, CT
BA in Biology from University of Connecticut, Storrs, CT

ACADEMIC POSITIONS

- 2017- Professor, School of Public Health and Health Sciences, Department of Biostatistics and Epidemiology, University of Massachusetts, Amherst
- 1999-2016 Associate Professor, School of Public Health and Health Sciences, Department of Biostatistics and Epidemiology, University of Massachusetts, Amherst [tenure decision date: 2004]
- 2008 Division Director (Acting), Division of Biostatistics and Epidemiology, Department of Public Health, School of Public Health and Health Sciences
- 2005-2007 Department Chair, Department of Public Health, School of Public Health and Health Sciences
- 2004 Graduate Program Director, Biostatistics and Epidemiology Concentration
- 1995-1999 Senior Staff Fellow, Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda, MD
- 1992-1994 Staff Fellow, Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda, M

AWARDS

- 2010 Outstanding Teaching Award Nominee, School of Public Health and Health Sciences, University of Massachusetts Amherst
- 2006 Delta Omega Honor Society – Rho Chapter
- 2006 Technology Fellowship, University of Massachusetts, Amherst
- 2004 Admitted Fellow, American College of Epidemiology
Distinguished Teaching Award Nominee, University of Massachusetts, Amherst
Outstanding Teaching Award Nominee, School of Public Health and Health Sciences, University of Massachusetts Amherst
- 1999 1998 Outstanding Paper Published by a Fellow (NCI Award)

JOURNAL ARTICLES AND CHAPTERS

Essa AR, Browne EP, Punska EC, Perkins K, Boudreau E, Wiggins H, Anderton DL, Sibeko L, **Sturgeon SR**, Arcaro KF. Dietary intervention to increase fruit and vegetable consumption in breastfeeding women: A pilot randomized trial measuring inflammatory markers in breast milk. *J Acad Nutr Diet*, In press

Kiridly-Calderbank JF, **Sturgeon SR**, Kroenke CH, Reeves KW. Antidepressant use and risk of colorectal cancer in the Women's Health Initiative. *Cancer Epidemiol Biomarkers Prev* 2018 May 22. doi: 10.1158/1055-9965.EPI-17-1035.

Perez-Caraballo, AM*, Ma Y, Ockene JK, Reeves KW, Balasubramanian R, Stanczyk FZ, Allison MA, Chen C, Wang L, Manson JE, **Sturgeon SR**. Urinary levels of 6-sulfatoxymelatonin (aMT6s) and risk of incident hypertension. *Chronobiol Int* 2018: May 11:1-7. doi: 10.1080/07420528.2018.1461109.

Sturgeon SR, Pilsner R, Wu H*, Chopra-Tandon N*, Arcaro KF, Balasubramanian R, Schairer C, Ziegler R, Reckow D. White blood cell DNA methylation and risk of breast cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial (PLCO). 2017: 19:94. doi: 10.1186/s13058-017-0886-6.

Chopra-Tandon N*, Wu H, Arcaro K, **Sturgeon SR**. Relationships between global DNA methylation in circulating white blood cells and breast cancer risk factors. *Journal of Cancer Epidemiology* 2017; <https://doi.org/10.1155/2017/2705860>.

Hart V*, **Sturgeon SR**, Reich N, Sievert LL, Crawford SL, Gold EB, 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* 2016: 27:1333-1340.

Sturgeon SR, Flynn D*, Kaiser A*, Reeves KW. Urinary levels of phthalates and risk of cardiovascular disease mortality (NHANES 1999-2008). *Int J Hyg Environ Health* 2016, Volume 219, Issue 8, November 2016, Pages 876–882

Ma Y, Persuitte G, Andrews C, Hovey K, LaMonte MJ, Culver AL, Manson JE, Phillips LS, Liu S, Eaton C, Martin L, Howard BV, Balasubramanian R, Bird CE, Ockene IS, **Sturgeon SR**, Ockene JK, Tinker L, Nassir R, Rossouw J. Impact of incident diabetes on atherosclerotic cardiovascular disease according to statin use history among postmenopausal women. *Eur J Epidemiology* 2016, May 17.

Kapoor R*, Ronnenberg A, Puleo E, Chatterton RT, Dorgan JF, Seeram NP, **Sturgeon SR**. Effects of pomegranate juice on hormonal biomarkers of breast cancer risk. *Nutr Cancer* 2015; 67:1113-9

Hart V*, Reeves KW, Sturgeon SR, Reich NG, Sievert L, Kerlikowske, Ma L, Shepherd J, Tice JA, Ma L, Mahmoudzadeh AP, Malkov S, Sprague BL. The effect of change in body mass index on volumetric measures of mammographic density. *Cancer Epidemiol Biomarkers Prev* 2015;24(11):1724-30.

Wu H*, Reeves KW, Qian J, **Sturgeon SR**. Coffee, tea, and melanoma risk among postmenopausal women. *Eur J Cancer Prev* 2015 24: 347-52

Iacolo EK*, Marari-Judson G, Mertens W, Katz D, **Sturgeon SR**, Bigelow C, Reeves KW. Perceived recurrence risk and health behavior change among breast cancer survivors. *Journal of Women's Health and Gynecology* 2014;1: 1-18.

Houghton SC*, Reeves KW, Hankinson SE, Crawford L, Lane D, Wactawski-Wende J, Thomson CA, Ockene JK, Hankinson S. **Sturgeon SR**. Perineal powder use and risk of ovarian cancer: Women's Health Initiative Observational Cohort Study. *J Natl Cancer Inst* 2014;106: (<http://jnci.oxfordjournals.org/content/106/9/dju208>)

Sturgeon SR, Doherty A*, Reeves KW, Bigelow C, Stanczyk FZ, Ockene JK, Liu, Manson JE, Neuhaus ML. Urinary levels of melatonin and risk of postmenopausal breast cancer: Women's Health Initiative Observational Cohort. *Cancer Epidemiol Biomarkers Prev* 2014; 23:629-37.

Schneider SS, Aslebagh R, Wetie Ngounon AG, **Sturgeon SR**, Darie CC, Arcaro KF. Using breast milk to assess breast cancer risk: The role of mass spectrometry-based proteomics. *Adv Exp Med Biol* 2014;806:399-408.

Sturgeon SR, Arcaro KF, Johnson MA, Balasubramanian R, Zorn M, Jerry DJ, Schneider SS. DNA methylation in paired breast epithelial and white bloods from women undergoing reduction mammoplasty. *Anticancer Research* 2014;34:2985-90.

Gamba CA, Swetter SM, Stefanik ML, Kubo J, Desai M, Spaunhurst KM, Sinha AA, Asgari MM, **Sturgeon S**, Tang JY. Aspirin is associated with lower melanoma risk among postmenopausal Caucasian women: The Women's Health Initiative. *Cancer* 2013;119: 1562-9.

Sturgeon SR and Kroll A*. Epidemiology of Endometrial Cancer. In: Senie RT (ed): The Epidemiology of Women's Health. Jones and Bartlett Publishing, Boston, 2013

Crawford L*, Reeves KW, Luisi N, Balasubramanian R, **Sturgeon SR**. Perineal powder use and risk of endometrial cancer in postmenopausal women. *Cancer Causes Control* 2012; 23:1673-80.

Sturgeon SR, Balasubramanian R, Schairer C, Muss HB, Ziegler RG, Arcaro K. Detection of promoter methylation of tumor suppressor genes in serum DNA of breast cancer cases and benign breast disease controls. *Epigenetics* 2012;7:1258-67.

Sturgeon SR, Luisi N*, Balasubramanian R, Reeves KW. Sleep duration and endometrial cancer risk. *Cancer Causes Control* 2012; 23:547-53.

Giri A*, **Sturgeon SR**, Luisi N*, Bertone-Johnson E, Balasubramanian R, Reeves KW. Caffeinated coffee, decaffeinated coffee and endometrial cancer risk: a prospective cohort study among US postmenopausal women. *Cancer Causes Control* 2011; 23:1673-80.

Sturgeon SR, Volpe SL, Puleo E, Bertone-Johnson ER, Heersink J*, Sabelawski S, Wahala K, Bigelow C, and Kurzer MS. Dietary intervention study of flaxseed: Effects on serum levels of IGF-1, IGF-BP3, and c-peptide. *Nutrition and Cancer* 2011; 63:375-80.

Sturgeon SR, and Ronnenberg A. Pomegranate and breast cancer: Possible mechanisms of prevention. *Nutrition Reviews* 2010;8:122-98.

Sturgeon SR, Volpe SL, Puleo E, Bertone-Johnson ER, Heersink J, Sabelawski S, Wahala K, Effect of dietary flaxseed on urinary levels of estrogen metabolites and androgens in postmenopausal women. *Nutrition and Cancer* 2010;62:175-80.

Sturgeon SR, Heersink JL, Volpe SL, Bertone-Johnson ER, Puleo E, Stanczyk FZ, Sabelawski S., Wahala K, Kurzer MS, Bigelow C. Effect of dietary flaxseed on serum levels of estrogens and androgens in postmenopausal women. *Nutrition and Cancer* 2008;60:612-8

Falk RT, Brinton LA, Madigan MP, Potischman N, **Sturgeon SR**, Malone KE, Daling JR. Interrelationships between serum leptin, IGF-1, IGFBP3, C-peptide and prolactin and breast cancer risk in young women. *Breast Cancer Res Treat* 2006;98:157-65.

Koralek DO, Bertone-Johnson ER, Leitzmann MF, **Sturgeon SR**, Lacey JV, Schairer C, and Schatzkin A. The relationship between calcium, lactose, Vitamin D, and dairy products and ovarian cancer. *Nutrition and Cancer*. 2006;56:22-30.

Adly L, Hill D, Sherman ME, **Sturgeon SR**, Fears T, Mies C, Ziegler RG, Hoover RN, Schairer C. Serum concentrations of estrogens, sex hormone binding globulin and androgens and risk of breast cancer in postmenopausal women. In *J Cancer* 2006;119:2402-7.

Baik I*, Liu Q, **Sturgeon SR**, Stanek EJ III, Okulucz W, Hsieh CC. Reproducibility of assay for steroid hormones, prolactin, and insulin-like growth factor-I in umbilical cord blood. *Paediatric and Perinatal Epidemiology* 2006;20:79-86

Rusiecki JA, Matthews A, **Sturgeon S**, Sinha R, Pellizzari E, Zheng T, and Baris D. A correlation study of organochlorine levels in serum, breast adipose and gluteal adipose tissue among breast cancer cases in India. *Cancer Epidemiol Biomarkers Prev* 2005;14:1113-24.

Baik I*, DeVito WJ, Ballen K, Becker PS, Okulicz W, Liu Q, Delpap E, Laggiou P, **Sturgeon SR**, Trichopoulos D, Quesenberry, Hsieh C-C. Association of fetal hormone levels with stem cell potential: evidence for early life roots of human cancer. *Cancer Res* 2005;65:358-63.

Schairer C, Hill D, **Sturgeon SR**, Fears T, Mies C, Ziegler RG, Hoover RN and Sherman ME. Serum concentrations of estrogens, sex hormone binding globulin, and androgens and risk of breast hyperplasia in postmenopausal women. *Cancer Epidemiol Biomarkers Prev* 2005;14:1660-5.

Sturgeon SR, Graubard BI, Schairer C, McAdams M, Hoover RN, Gail MH. Population density and county level variation in breast cancer mortality rates among white women residing in the northeastern and southern United States. *Cancer Causes and Control* 2003;14:923-931.

Schairer C, Hill D, **Sturgeon SR**, Fears T, Pollak, Mies C, Ziegler RG, Hoover RN, Sherman ME. Serum concentrations of IGF-I, IGFBP-3, and c-peptide and risk of breast hyperplasia and cancer in post-menopausal women. *Int J Cancer* 2004;108:773-9.

Sturgeon SR, Potischman N, Malone KE, Dorgan JF, Daling J, Schairer C, and Brinton LA. Serum levels of sex hormones and breast cancer risk in premenopausal women: A case-control study. *Cancer Causes and Control* 2004;25:45-53.

Sturgeon SR, Schairer C, Grauman D, El ghormili L, Devesa S. Trends in breast cancer mortality rates by region in the United States, 1950-99. *Cancer Causes and Control* 2004; 15:987-95.

Sturgeon S. When is interaction really interaction? [letter] *Epidemiology* 2003; 14:632.

Sturgeon SR, Sherman ME. *Cancer Epidemiology: VIN3 and Vulvar Cancer*. In: Luesly DM (ed): Cancer and Pre-Cancer of the Vulva. Oxford University Press, New York 2000.

Schairer C, Lubin J, Troisi R. **Sturgeon S**, Brinton L, Hoover R. Menopausal estrogen and estrogen-progestin replacement therapy and breast cancer risk. *JAMA* 2000; 283: 485-91.

Schairer C, Lubin J. Troisi R. **Sturgeon S**, Brinton L, Hoover R. Re: Menopausal estrogen and estrogen-progestin replacement therapy and breast cancer risk. [letter] *JAMA* 2000; 284:691-4.

Schairer C, Gail M, Byrne C, Rosenberg PS, **Sturgeon SR**, Brinton LA, Hoover RN. The relationship between estrogen replacement therapy and breast cancer survival. *J Natl Cancer Inst* 1999;91:264-70.

Zelmanowicz A, Hildesheim A, Sherman ME, **Sturgeon SR**, Kurman RJ, Barrett RJ, Berman ML, Twiggs LA, Wilbanks GD, Brinton LA. Evidence for a common etiology for endometrial cancer and mixed mullerian tumors. *Gynecol Oncol* 1998;69:253-7.

Sturgeon SR, Sherman M, Kurman RA, Berman ML, Mortel R, Twiggs LB, Barrett RJ, Wilbanks GD, Brinton LA. Analysis of histopathologic features of endometrioid uterine carcinomas and epidemiologic risk factors. *Cancer Epidemiol Biomarkers Prev* 1998;7:231-5.

Sturgeon SR, Brock JW, Potischman N, Needham LL, Rothman N, Brinton LA, Hoover RN. Serum concentrations of organochlorines compounds and endometrial cancer risk. *Cancer Causes Control* 1998;9:417-24.

Sturgeon SR, Brinton LA, Berman ML, Mortel R, Twiggs LB, Barrett RJ, Wilbanks GD, Lurain JR. Intrauterine device use and endometrial cancer risk. *Int J Epidemiol* 1997;26:496-500.

Sherman ME, **Sturgeon S**, Brinton LA, Potischman N, Kurman RJ, Berman ML, Mortel R, Twiggs LB, Barrett RJ, Wilbanks GD. Risk factors and hormone levels in patients with serous and endometrioid uterine carcinomas. *Modern Path* 1997;10:963-8.

Sturgeon SR, Curtis RE, Johnson K, Ries L, Brinton LA. Second primary cancers after vulvar and vaginal cancer. *Am J Obstet Gynecol* 1996;174:929-33.

Sturgeon SR, Schairer C, Brinton LA, Pearson T, Hoover RN. Evidence of a healthy estrogen user effect. *Epidemiology* 1995;6:227-31.

Sturgeon SR, Schairer C, Gail M, McAdams M, Brinton LA, Hoover RN. Geographic variation in mortality from breast cancer among white women. *J Natl Cancer Inst* 1995;87:1846-53.

Sherman ME, **Sturgeon S**, Brinton LA, Kurman RJ. Endometrial cancer chemoprevention: Implications of diverse pathways of carcinogenesis. *J Cell Biochem* 1995;23:160-4.

Sturgeon SR, Hartge P, Silverman D, Kantor A, Linehan M, Lynch C, Hoover R. Associations between bladder cancer risk factors and tumor stage and grade at diagnosis. *Epidemiology* 1994;55:218-25.

Schairer C, Byrne C, Keyl P, Brinton LA, **Sturgeon SR**, Hoover RN. Menopausal estrogen and estrogen-progesterone replacement therapy and risk of breast cancer (United States). *Cancer Causes Control* 1994;5:491-500.

Sturgeon SR, Brinton LA, Berman ML, Mortel R, Twiggs LB, Barrett RJ, Wilbanks GD. Past and present physical activity and endometrial cancer risk. *Br J Cancer* 1993;68:584-9.

Sturgeon SR, Brinton LA, Devesa SS, Kurman R. In situ and invasive vulvar cancer incidence trends (1973-1987). *Am J Obstet Gynecol* 1992;166:1482-5.

Schwartz E, Kofie VY, **Sturgeon SR**. Racial differences in ill defined cancer mortality in the United States. *J Epidemiol Community Health* 1992;46:390-3.

Winn RJ, Miransky J, Kerner JF, Kennelly L, Michaelson RA, **Sturgeon S**. An evaluation of physician determinants in the referral of patients for cancer clinical trials in the community setting. *Prog Clin Biol Res* 1984;156:63-73.

Miransky J, Kerner JF, **Sturgeon S**, Zauber A, Strickman N, Zauber A, Senie RT, Anderson R. A comparison of primary breast cancer management in small, intermediate, and large community hospitals versus a comprehensive cancer center. In: Engstrom PF, Anderson PN, Mortenson LE, eds. Prog Clin Biol Res 1984;156:87-96.

Kerner JF, Mortenson LE, Anderson PN, Enck R, **Sturgeon S**. Utilization of local patient management guidelines and protocols in CHOP hospitals. In: Engstrom PF, Anderson PN, Mortenson LE, eds. Prog Clin Biol Res 1986;216:216-7.

Mortenson LE, Kerner JF, Anderson PN, **Sturgeon S**, Owen DM, Kuenn JW, Karrer FW, Walton VM, Link JS, Steinhart S. Changes in the patterns of patient work-up in community hospital oncology programs and in comparison hospitals. In: Engstrom PF, Anderson P, Mortenson LE, eds. Prog Clin Biol Res 1986;216:105-15.

Sturgeon S, Kerner JF, Mortenson LE. The impact of CHOP on the quality of data reporting. In: Engstrom PF, Anderson PN, Mortenson LE, eds. Prog Clin Biol Res 1986;216:131-41.

Boyd JH, Derr K, Grossman B, Lee C, **Sturgeon S**, Lacock DD, Bruder CI. Different definitions of alcoholism, II: A pilot study of ten definitions in a treatment setting. Am J Psych. 1983;140:1314.

GRANTS

Pending

7/1/2018-6/30/23 PI (Sturgeon, Arcaro)
NIHR01CA23047 (review, Spring 2017)
Fruit and Vegetable Intervention in Lactating Women to Reduce Breast Cancer Risk: Effects on Breast Cell DNA Methylation, Breast Inflammation, and Weight

Current

9/1/16-8/31/2018 PI (Sturgeon, Arcaro)
NIH 1R56ES026177
BPA and phthalates: Effects on Inflammatory Markers in the Breast and Breast Density in Young Women
Total Award: \$300,000

4/1/16-9/1/2018 PI (Sturgeon)
Baystate Rays of Hope
BPA and phthalates: Effects on Breast Density in Young Nulliparous Women
Total Award: \$50,000

9/01/14-4/31/2018 PI (Sturgeon)
1U01CA 184910-01A1 NIH/NCI

Validation of findings from the Epigenome-Wide Association Study of Breast Cancer
Total Award: \$760,462

8/01/14-7/31/2015 PI (Reckhow), Co-Investigator (Sturgeon)
National Science Foundation
MRI: Acquisition of A Versatile High Resolution MS System for Determination of Small Molecules of Environmental and Health Concern
Total Award: \$500,0000

4/01/13-3/31/2017 PI (Sturgeon)
R15CA170111 NIH/NCI
Epigenotyping of WBC DNA and Risk of Breast Cancer
Total Award: \$414,801

Completed

7/1/12-6/30/2013 PI (Sturgeon)
HRSA Public Health Traineeship
Provides award to graduate students in public health
Total Award: \$10,460

4/1/12-3/31/2013 PI (Arcaro)
Keep a Breast Foundation
Dietary Intervention in Hispanic Women
Total Award: \$10,000

2012 Center for Teaching Professional Development in Teaching Grant (Attended Workshop on Teaching Research Ethics at the University of Indiana, May 2012)

8/1/10-7/31/2012 PI (Sturgeon)
National Cancer Institute 1R03 CA 153078-01
Urinary Levels of Melatonin and Risk of Breast Cancer
Total Award: \$197,999

1/01/11-12/31/2012 PI (Sturgeon)
American Institute of Cancer Research
Effects of Pomegranate Juice on Hormonal Biomarkers of Breast Cancer Risk
Total Award: \$170,000

9/1/10-8/31/2011 PI (Sturgeon)
Baystate Rays of Hope Foundation, Pilot Award
Epigenotyping of white blood cells and breast tissue
Total Award: \$18,000

5/31/09-4/30/2011 PI (Sturgeon)
Susan G. Komen for the Cure, Investigator Award

*Predicting Breast Cancer in Detection of Promoter
Hypermethylation in Serum DNA*
Total Award: \$228,276

4/18/07-3/31/2009 PI (Sturgeon)
Susan Love Foundation
*Effects of Flaxseed on Nipple Aspirate Fluid Levels of
Biomarkers of Breast Cancer Risk*
Total Award: \$20,000

4/27/07-6/30/2008 PI (Sturgeon)
HRSA Public Health Traineeship
Provides awards to graduate students in public health
Total Award: \$21,320

1/30/04-6/30/2005 PI (Sturgeon)
American Institute of Cancer Research
*Intervention Study of Flaxseed in Postmenopausal Women:
Effects on Biomarkers of Breast Cancer Risk*
Total Award: \$77,398

7/1/02-7/31/2005 PI (Sturgeon)
Department of Defense Breast Cancer Program
Intervention Study of Flaxseed in Postmenopausal Women
Total Award: \$406,81

2000-2001 PI (Sturgeon)
UMASS Faculty Research Grant
Feasibility Case-Control Study of Endometrial Cancer
Total Award: \$11,566

RECENT LECTURES AND CONTRIBUTED PRESENTATIONS

Díaz-Santana; MV, Hankinson SE, Sturgeon SR, Bigelow C, Rosal MC, Ockene JK, Reeves KW. Exploring the role of acculturation in breast, colorectal and cervical cancer screening among Hispanic women. Poster presentation at the AACR Conference on Ninth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, September 26-28, 2016

Invited Talk: Epidemiology of Cancer. Models to Medicine, IALS. University of Massachusetts Amherst. November 9, 2016

Perez-Caraballo A, Reeves KW, Ma, Y, Ockene JK, Balasubramanian, Stanczyk FZ, Sturgeon SR. Urinary 6-sulfatoxymelatonin (aMT6s) levels of Melatonin and Risk of

Incident Hypertension Among Postmenopausal Women. Poster presentation at the Congress of Americas, Miami, Florida, June 21-24, 2016

Essa A, Sibeko L, Sturgeon SR, Sela D, Arcaro K. Methodology to Assess the Effects of a 12-Week Dietary Intervention on Inflammation and Methylation Markers in the Breast. Statewide Undergraduate Research Conference, UMASS Amherst, 4/22/2016.

Perkins K, Sibeko L, Sturgeon SR, Sela D, Arcaro K. Increasing Fruit and Vegetable Intake in Lactating Women: Part II. Effects on the Infant. VASCI Science Day, UMASS Amherst. 4/28/2016.

Invited Talk. Epigenetic Epidemiology of Breast Cancer, Department of Biostatistics and Epidemiology, School of Public Health and Health Professions, University at Buffalo, February 5, 2016

UMASS Amherst Biostatistics and Epidemiology Seminar Series: Epigenetic Epidemiology of Breast Cancer: Promise and Challenges, November 7, 2014

Kapoor R, Ronnenberg A, Puleo E, Chatterton R, Dorgan JF, Seeram N, Sturgeon SR. Effects of pomegranate juice intake on hormonal markers of breast cancer risk. Poster presentation at the American Institute for Cancer Research 2014 Annual Conference of Food, Nutrition, Physical Activity and Cancer. American Institute for Cancer Research in Washington DC, October 29-31, 2014

Invited Talk. Epigenetic Epidemiology of Breast Cancer: Promise and Challenges, Department of Epidemiology and Biostatistics, University of South Florida, July 28, 2014

UMASS Amherst Department of Veterinary and Animal Science Seminar: Epigenetic Epidemiology of Breast Cancer, July 18, 2014

Hart V, Sturgeon SR, Reich N, Leidy Sievert L, Crawford SL, Gold EB, Avis NE, Reeves KW. Menopausal vasomotor symptoms and incident breast cancer risk in the Study of Women's Health Across the Nation. Poster presentation at the American Association for Cancer Research Frontiers in Cancer Prevention, New Orleans, LA, September 28–October 1, 2014

Hart V, Sturgeon SR, Reich N, Leidy Sievert L, Crawford SL, Gold EB, Habel L, Reeves KW. Menopausal vasomotor symptoms and mammographic density in the Study of Women's Health Across the Nation, Poster presentation at the American Association for Cancer Research Frontiers in Cancer Prevention, New Orleans, LA, September 28-October 1, 2014

Houghton SC, Reeves KW, Hankinson SE, Crawford L, Lane D, Wactawski-Wende J, Thomson CA, Ockene JK, Hankinson S, Sturgeon SR. Perineal Powder Use and Risk of Ovarian Cancer. Poster presentation at the 38th Annual American Society for Preventive Oncology Meeting in Arlington, Virginia, March 8-11, 2014

Sturgeon SR, Balasubramanian R, Schairer C, Ziegler R, Muss H, Arcaro K. Detection of promoter methylation of tumor suppressor genes in serum DNA of breast cancer patients

and controls. Poster presentation at the AACR 102nd Annual Meeting in Orlando, FL, April 2-6, 2011

Crawford L, Reeves KW, Luisi N, Balasubramanian R, Sturgeon SR. Perineal powder use and risk of endometrial cancer in postmenopausal women. Oral presentation at 3rd North American Congress of Epidemiology, Society for Epidemiologic Research in Montreal, Canada, June 21-24, 2011

Giri A, Sturgeon SR, Luisi N, Bertone-Johnson E, Balasubramanian R, Reeves KW. Caffeinated coffee, decaffeinated coffee and endometrial cancer risk: a prospective cohort study among US postmenopausal women. Oral presentation at the 3rd North American Congress of Epidemiology, Society for Epidemiologic Research in Montreal, Canada, June 21-24, 2011

Sturgeon SR, Luisi N, Balasubramanian R, Reeves KW. Sleep duration and endometrial cancer risk. Oral presentation at the 3rd North American Congress of Epidemiology, Society for Epidemiologic Research in Montreal Canada, June 21-24, 2011

TEACHING

Courses

<i>Principles of Epidemiology</i>	<i>Required graduate course in research methods</i> Spring 2006, Fall 2006, Spring 2006, Fall 2005, Fall 2004, Spring 2004, Spring 2002, Fall 2001, Spring 2001, Fall 2000
<i>Applied Epidemiology</i>	<i>Required graduate course in research methods</i> Spring 2018, Spring 2017, Spring 2012, Spring 2009, Spring 2008, Spring 2004, Spring 2003, Spring 2000
<i>Epidemiology in Public Health</i>	<i>Required undergraduate course in research methods</i> Spring 2008
<i>Chronic Disease Epidemiology</i>	<i>Graduate elective</i> Fall 2003, Fall 2002
<i>Biomarkers in Epidemiologic Research</i>	<i>Graduate elective</i> Spring 2000
<i>Cancer Epidemiology</i>	<i>Graduate elective</i> Fall 2017, Fall 2015, Fall 2014, Fall 2012, Fall 2011, Fall 2009
<i>Research Ethics</i>	<i>Undergraduate elective</i> Spring 2018, Fall 2016, Spring 2014, Spring 2013
<i>Honors Colloquium/Seminar</i>	Fall 2011, Spring 2008, Spring 2004

Doctoral Qualifying Exam Committees

Member (2000- present) [Y Ma, F. Hooven, S. Congdon S, I. Baik, M. Schmidt, S. Dejoy, J. Friderici, R Spaeth, J Shirley, R Swanton, S. Zagarins, A. Haskins, A. Gollenberg P. Chocano-Bedoya, K. Nguyen, R. Turzanski Fortner, K. Lynch, P. Gawade, B. Takishima, K. Lynch, K. Szegda, V. Hart, M. Diaz-Santana, S. Boyer, C. Nobles, C. Huebner Torres, Alex Purdue-Smith)]

Thesis and Dissertation Committees

- 2018 Chair, J. Gaudreau, “Traffic Related Air Pollution and Lung Function in Bilateral Lung Transplant Patients.
- 2017 Chair, N. Boame, “Sleep Duration and Insomnia and Change in Subsequent Change in Weight and Fat Mass in the Women’s Health Initiative Observational Study.
- 2016 Chair, N. Barron, “Sleep Patterns, Urinary Levels of Melatonin, and Subsequent Weight Change in the Women’s Health Initiative Observational Study”.
Member, J. Kiridly. “Antidepressant Use and Risk of Colorectal Cancer in The Women’s Health Initiative”
Outside Reviewer, Doctoral Thesis, T. Sponholtz, “Epidemiology of Endometrial Cancer” Boston University
- 2015 Member, Master’s Thesis, A. Bradshaw-Kaiser, “Phthalates and Cancer Mortality”
Member, Doctoral Thesis, V. Hart, “Vasomotor Symptoms and Breast Cancer”
Outside Reviewer, Doctoral Thesis, E. Lofffield, “Exploring Associations of Coffee Consumption with Cancer and Mortality and Unraveling the Underlying Mechanisms”, Yale University
- 2014 Chair, Master’s Thesis, H. Wu, “Coffee Intake and Risk of Cutaneous Melanoma”
Chair, Master’s Thesis, A. Santos, “Coffee Consumption and Risk of Lung Cancer”
- 2013 Member, Master’s Thesis, B. Savage, “Effects of Histone Deacetylase Inhibitors on Vitamin D Activity in Human Breast Cancer Cells”
- 2012 Chair, Master’s Thesis, A. Doherty, “Urinary Levels of Melatonin and Risk of Breast Cancer”
Chair, Master’s Project, R. Kapoor, “Use of NSAIDs and Risk of Endometrial Cancer in US Post-Menopausal Women: The Women’s Health Initiative Study”

Member, Honor's Thesis, K. Keefe, "Grant writing and research study process: breast cancer risk in African American women"
Chair, Minor Doctoral Exam, Margaret Piwonka

- 2011 Chair, Master's Thesis, A. Giri, "Effects of Coffee and Tea Consumption on Endometrial Cancer Risk: Women's Health Initiative Observational Study"
Member, Master's Thesis, L. Crawford, "Effects of Talc Use on Endometrial Cancer Risk: Women's Health Initiative Observational Study"
Member, Master's Thesis, S. Blank, "Education, Occupation, and Migration as Predictors of Multiple Sexual Partnerships among People Tested for HIV in Lüderitz, Namibia"
Member, Master's Thesis, E. Konieczny, "Perceived Recurrence Risk and Health Behavior Change among Breast Cancer Survivors"
Member, Master's Thesis, R. Gramajo-Rodriguez, "The Association between Seroreactivity to Trypanosoma cruzi and Chagas Disease in Two Rural Areas in Guatemala"
- 2010 Chair, Master's Project, S. Ravi, "Influence of Outpatient Radioactive Iodine Therapy for Thyroid Cancer on the Body Radioactive Iodine Levels of Household Contacts"
- 2009 Member, Master's Thesis, V. Hastings, "The Association of Self-Reported Weight with Bone Mineral Content and Bone Mineral Density among College-Aged Women"
- 2006 Chair, Master's Thesis, A. Nunes, "Life Stress and Risk of Fatal or Hospitalized Injury Resulting from Motor Vehicle Accidents among Active Duty Army Personnel"
- 2005 Chair, Master's Thesis, M. Spayne, "Reproducibility of Breast Density Among Community Radiologists"
Member, Master's Thesis, J. Griffith, "Glycemic Index and C-Reactive Protein in the Seasons Study"
- 2004 Chair, Doctoral Thesis, I. Baik, "Stem Cells and Intrauterine Origin of Hormonal Carcinogenesis: A Population-based Study"
Member, Master's Thesis, D. Koralek, "Risk Factors for Ovarian Cancer in the Breast Cancer Detection Project (BCDDP) Cohort"
Chair, Master's Thesis, J. Heersink, "Effects of Dietary Flaxseed on Serum Levels of Estrogens and Androgens"
Chair, Master's Thesis, L. Zichitella, "Serum Levels of Hormones and Breast Cancer Factors: A Correlational Study in Premenopausal Women"
- 2003 Member, Master's Thesis, T. Insaf, "A Prospective Study of Acculturation and Low Birth weight among Hispanic Women"
Member, Doctoral Thesis, M. Morris, "The Role of Parenting Style and the

Family Characteristics of Levels of Organization and Control in the Development of Self-Regulation Skills in Young Children”
Member, Master’s Thesis, S. Kengeri, “Physical Activity and Risk of Preterm Birth in Pregnant Hispanic Women”
Member, Master’s Project, M. Raju, “Test-Retest Reliability of Self-Reported Age at Onset of Drug Use and Sexual Activity Among Adolescent Substance Users”

2002 Chair, Master’s Thesis, R. Racine, “Heat-Related Illnesses in the Military”
Member, Master’s Thesis, K. Huber, “Plasma 25-hydroxyvitamin D₃ and Breast Cancer Risk in a Prospective Study of US Nurses”
Member, Doctoral Thesis, E. Cook, “Uterine Leiomyoma: Patterns of Care and Methodological Issues”

2001 Member, Master’s Thesis, C. Hoffman, “Effects of Lifetime Physical Activity of Weight Fluctuation among Female College Alumni”
Chair, Master’s Thesis, L. Brunner, “A Retrospective Cohort Study of Hemorrhage Size and Six Month Mortality among Hospitalized Intracerebral Hemorrhage Patients”
Member, Master’s Thesis, S. Gorham, “Infections with Chlamydia Pneumonia and Risk of Multiple Sclerosis in Two Cohorts of U.S. Women”
Member, Master’s Thesis, M. Lombardi, “The Relationship of Demographic Characteristics to Ewing’s Sarcoma Incidence and Prognostic Factors”
Member, Master’s Thesis, A. Yousevian, “Serum Polychlorinated Biphenyl Levels and Peripheral Neuropathy among Residents of Greater New Bedford, Massachusetts”

SERVICE

University of Massachusetts Amherst

Department of Biostatistics and Epidemiology

Member, Faculty Search Committee (Biostatistics) 2014
Epidemiology Coordinator, Spring 2009, Fall 2010, Spring 2014
Chair, Personnel Committee (Biostatistics & Epidemiology) 2012, 2016
Chair, Master’s Exit Exam, 2009
Chair, Doctoral Exam Committee, 2002, 2009, 2015
Member, Faculty Search Committee (Epidemiology), 2000, 2010, 2016, 2017, 2018
Chair, Admissions Committee, 2017

School of Public Health and Health Sciences

Chair, Environmental Health Personnel Committee (tenure decision), 2018
Member, Faculty Search Committee (Environmental Health), 2004, 2015
Member, Environmental Health Personnel Committee, 2016, 2018
Member, Environmental Health Department Chair Search, 2015
Member, School Curriculum Committee, 2016

SPHHS Research Day Poster Judge, 2014
 Chair, SPHHS Human Subjects Review Board, 2012, 2013
 Member, SPHHS Space Committee, 2012-2013
 Chair, School Personnel Committee, 2009
 Member, Undergraduate Advisory Council, 2008-2009
 Chair, Department Chair Review (Communications Disorder), 2008
 Member, Strategic Planning Committee, 2002-2003, 2008
 Member, Dean Review, 2007
 Member, Curriculum Committee, 2003-4, 2017, 2018

University of Massachusetts at Amherst

Member, Academic Programs, Faculty Senate, 2012-2013
 Member, Regulatory Compliance Subcommittee, 2002, 2003, 2004
 Member, Graduate Research Council, 2001-2004
 Member, Advancing the University Research Mission Subcommittee, 2001

Grant Reviews

2018	NIH Loan Repayment Review (April 2018) NCI Clinical and Translational R21 and Omnibus R03 (June 2018)
2017	NIH Loan Repayment Review (April 2017) Cancer, Heart, and Sleep Epidemiology Study Section (November 2017)
2016	Cancer, Heart, and Sleep Epidemiology Study Section (June 2016) Reviewer, Vienna Austria (April 2016)
2015	NIEHS Breast Cancer Consortium Review (June 2015)
2014	NIH Special Emphasis Panels (April 2014, June 2014*)
2013	NIH Special Emphasis Panels (February 2013, November 2013) NIH Loan Repayment Review (April 2013)
2012	NIH U01 Review, The Role of Microbial Metabolites in Cancer
2011	NIH U01 Review, The Role of Microbial Metabolites in Cancer Reviewer, Bankhead Coley Cancer Research Program, Florida Department of Health, Breast Cancer
2010	NCI Small Grant Review Florida Department of Health, Breast Cancer
2009	Member, NCI Committee E Review Panel (2007-2009)

2008 Avon-NCI Breast Cancer Review
Women's Health Initiative (NHLBI) Contract Review

2005 Canadian National Cancer Institute

2004 UMASS Faculty Research Grants (2002-2004)

1999 Canadian National Cancer Institute

*Acting Chair

Other Professional Activities

Affiliate Member, Breast Cancer and the Environment Research Program, 2017-Present

Editorial Board, Cancer Epidemiology, Biomarkers and Prevention, 2007-Present

Appointed Member, Massachusetts Cancer Registry Advisory Board, 2013-Present

Peer Reviewer, World International Cancer Fund, Continuous Update Project, 2012-Present

Abstract Reviewer, American Congress Epidemiology, 2011, 2016

Abstract Reviewer, Women's Health Initiative Conference, 2016

Student Poster Reviewer, 3rd North American Congress of Epidemiology, 2011

Member, Admissions Committee, American College of Epidemiology, 2005-2008

Member, Advisory Board, DNA Methylation Markers in Breast Milk Avon Project, 2009-2010 (K. Arcaro, UMASS Amherst)

Member, Statewide Breast Cancer Study Advisory Committee, Massachusetts Department of Health, 2000-2001

Member, Center for Research on Women's Health, University of Massachusetts

Member, Breast Cancer Research Cluster, UMASS/Baystate Research Initiative

Member, Molecular Epidemiology Working Group, American Association for Cancer Research

Ad Hoc Reviewer

Journal of the National Cancer Institute, Epidemiology, Cancer Research, American Journal of Epidemiology, Annals of Epidemiology, Cancer Causes and Control, European Journal of Nutrition, Nutrition and Cancer, Carcinogenesis, Annals of Oncology, Clinical Epigenetics, JAMA, J of Nutrition

