

CURRICULUM VITAE**Kristen Upson****Education**

- 1995 BS, Nursing, University of Wisconsin, Madison, WI
- 2001 BS, Biology, University of Minnesota, Minneapolis, MN
- 2008 MPH, Epidemiology, University of Washington, Seattle, WA
Thesis: "Factors associated with contraceptive non-use among women ages 35-44 at risk of unwanted pregnancy"
- 2013 PhD, Epidemiology, University of Washington, Seattle, WA
Dissertation: "Organochlorine pesticides, phthalate metabolites, and risk of endometriosis"

Licensure

Registered Nurse, Minnesota

Honors and Awards

- 2000 University of Minnesota Alumni Merit Award, University of Minnesota, Minneapolis, MN
- 2009 Outstanding Teaching Assistant Award, School of Public Health, University of Washington
- 2009-2011 Pre-doctoral Fellowship, Reproductive, Perinatal and Pediatric Epidemiology Training Program, Department of Epidemiology, University of Washington
- 2010 *Eunice Kennedy Shriver* National Institute of Child Health and Human Development-Canadian Institute of Human Development, Child and Youth Health (NICHD-IHDCYH) 6th Summer Institute in Reproductive and Perinatal Epidemiology, St. Michaels, Maryland
- 2011 Third place, poster competition, 3rd North American Congress of Epidemiology, Montreal, Canada
- 2012 NIH National Graduate Student Research Conference, Bethesda, MD
- 2013 Outstanding Doctoral Student Award, Department of Epidemiology, School of Public Health, University of Washington
- 2015 The Champion Fund Award, Triangle Consortium for Reproductive Biology 24th Annual Meeting, Research Triangle Park, NC
- 2016 Intramural Paper of the Month by *Environmental Factor*, NIEHS Newsletter

Grant Support

- November 2010-November 2011 Principal Investigator, Persistent organochlorine pesticides, phthalate metabolites and risk of endometriosis. Doctoral Dissertation Small Grants Program, Department of Epidemiology, University of Washington.

April 2011-March 2013 Bisphenol A levels and endometriosis risk in reproductive-age women. NIH Small Research Grant Program (R03), NIH/NIEHS, Victoria Holt, Principal Investigator, 1 R03ES019976-01.
Substantially contributed to preparation of grant application

September 2011-June 2013 Principal Investigator, Effects of endocrine disruptors on endometriosis risk in reproductive age women. Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows in Nursing Research (F31), NIH/NINR, 1 F31NR013092-01

Research Experience

- 2001-2002 Laboratory Assistant, Role of δ -opioid receptors in preventing ischemic damage of skeletal muscle. Jinback Hong, PhD, Dr. Paul Iaizzo, PhD, Department of Biomedical Engineering, University of Minnesota, Minneapolis, MN
- 2002-2004 Clinical Research Coordinator, Planned Parenthood of Minnesota/ South Dakota, Minneapolis, MN
- 2004-2006 Project Manager, N-Lighten Nurse Residency Program, Dr. Ann Jones, DNSc, RN, University of Minnesota, School of Nursing, Minneapolis, MN
- 2006 Research Project Coordinator, Reducing Sedative Exposure in Ventilated ICU Patients. Dr. Linda Chlan, PhD, RN, University of Minnesota, School of Nursing, Minneapolis, MN
- 2007 Independent Study, Factors associated with subsequent delivery of infants prenatally exposed to alcohol and/or drugs among participants of the Parent-Child Assistance Program. Dr. Therese Grant, PhD, Fetal Alcohol and Drug Unit, University of Washington, Seattle, WA
- 2006-2008 Graduate Research Assistant, Craniofacial Microsomia: The Vascular Hypothesis. Dr. Jackie Starr, PhD, MS, MPH; Craniofacial and Genetic Variation in 22Q11.2 Deletion Syndrome. Dr. Carrie Heike, MD, MS, Craniofacial Center, Seattle Children's, Seattle, WA
- 2008-2009 Graduate Research Assistant, Endometrial Hyperplasia Outcomes Cohort Study. Dr. Susan Reed, MD, MPH, Fred Hutchinson Cancer Research Center, Seattle, WA
- 2010 National Perinatal Epidemiology Centre (NPEC) Summer Intern, Placenta accreta and maternal morbidity in Ireland, 2005-2010. National Perinatal Epidemiology Centre, Cork University Maternity Hospital and University College, Ireland
- 2010-2012 Graduate Research Assistant, Pilot project on *Mycoplasma genitalium* infection and ectopic pregnancy risk in a population-based case-control study. Dr. Victoria Holt, Department of Epidemiology, University of Washington, Seattle, WA
- 2013 Data Analyst, Bisphenol A levels and endometriosis risk in reproductive-age women. Dr. Victoria Holt, Department of Epidemiology, University of Washington, Seattle, WA
- 2013- Intramural Research Training Award (IRTA) Postdoctoral Fellow, Mentor: Donna Baird, PhD, Women's Health Group, Epidemiology Branch, National Institute of Environmental Health Sciences, National Institutes of Health, Research Triangle Park, NC

Teaching Experience

- 2001-2006 Teaching Assistant, Human Anatomy Laboratory (INMD3002/3302), Program in Human Anatomy Education, Department of Integrative Biology & Physiology, University of Minnesota, Minneapolis, MN
- 2002 Guest Lecturer, "The Nervous System", Human Anatomy (INMD3301), Program in Human Anatomy Education, Department of Integrative Biology & Physiology, University of Minnesota, Minneapolis, MN
- 2008-2010 Graduate Teaching Assistant, Epidemiologic Methods I & II (EPI512, EPI513), Department of Epidemiology, University of Washington, Seattle, WA
- 2009 Graduate Teaching Assistant, Medical Biometry I & III (BIOST511, BIOST513), Department of Biostatistics, University of Washington, Seattle, WA
- 2009 Graduate Teaching Assistant, Introduction to Epidemiology (EPI511), Department of Epidemiology, University of Washington, Seattle, WA
- 2010-2012 Graduate Teaching Assistant, Application of Epidemiologic Methods (EPI514), Department of Epidemiology, University of Washington, Seattle, WA

Clinical Experience

- 1995-1996 Pharmacy Assistant, Roche's Chemists, Dublin, Ireland
- 1997 Registered Nurse, Telemetry-Cardiac Critical Care, Abbott Northwestern Hospital, Minneapolis, MN
- 1997-2002 Clinic Nurse, Planned Parenthood of Minnesota/ South Dakota, Minneapolis, MN

Publications

Published

1. **Upson K**, Reed SD, Prager SW, Schiff MA. Factors associated with contraceptive nonuse among U.S. women ages 35-44 years at risk of unwanted pregnancy. *Contraception*. 2010; May 8(5):427-34.
2. Heike CL, **Upson K**, Stuhau E, Weinberg SM. 3D Digital Stereophotogrammetry: A practical guide to image acquisition. *Head & Face Medicine*. 2010; Jul 28; 6:18. (PMCID: PMC2920242)
3. Reed SD, Newton KM, Garcia R, Allison KH, Voigt LF, Epplen M, Swisher E, **Upson K**, Weiss NS. Complex hyperplasia with and without atypia – clinical outcomes and implications of progestin therapy in a 20-year follow-up study of 1443 women. *Obstetrics & Gynecology*. 2010 Aug; 116 (2 Pt 1): 365-73. (PMCID: PMC2949551)
4. Allison KH, **Upson K**, Reed SD, Jordan CD, Newton KM, Doherty J, Swisher EM, Garcia RL. PAX-2 loss by immunohistochemistry occurs early and often in endometrial hyperplasia. *International Journal of Gynecological Pathology*. 2012; Mar; 31(2):151-159.
5. **Upson K**, Allison KH, Jordan CD, Reed SD, Newton KM, Swisher EM, Doherty JA, Garcia RL. Biomarkers of progestin therapy resistance and endometrial hyperplasia progression. *American Journal of Obstetrics and Gynecology*. 2012; Jul; 207(1):36.e1-8. (NIHMS 381763)

6. **Upson K**, Silver RM, Greene RA, Lutomski JR, Holt VL. Placenta accreta and maternal morbidity in Ireland, 2005-2010. *Journal of Maternal-Fetal and Neonatal Medicine*. 2014; Jan; 27(1):24-9. Epub 2013 May 30.
7. **Upson K**, Sathyanarayana S, De Roos AJ, Scholes D, Dills R, Holt VL. Phthalates and risk of endometriosis. *Environmental Research*. 2013; Oct; 126:91-7. Epub 2013 Jul 25. PMCID: PMC3905445
8. **Upson K**, De Roos AJ, Thompson ML, Sathyanarayana S, Scholes D, Holt VL. Organochlorine pesticides and risk of endometriosis: Findings from a population-based case-control study. *Environmental Health Perspectives*. 2013; Nov-Dec; 121(11-12):1319-24. Epub 2013 Sep 17. PMCID: PMC3855515
9. **Upson K**, Sathyanarayana S, De Roos AJ, Koch HM, Scholes D, Holt VL. A population-based case-control study of urinary bisphenol A concentrations and risk of endometriosis. *Human Reproduction*. 2014 Nov; 29(11):2457-64. Epub 2014 Sept 9. PMCID: PMC4191453
10. O'Brien KM, **Upson K**, Cook NR, Weinberg CR. Environmental chemicals in urine and blood: Improving methods for creatinine and lipid adjustment. *Environmental Health Perspectives*. 2016; Feb; 124(2):220-7. Epub 2015 Jul 24.
11. **Upson K**, Sathyanarayana S, Scholes D, Holt VL. Early-life factors and endometriosis risk. *Fertility and Sterility*. 2015 Oct; 104(4): 964-971. Epub 2015 Jul 26.
12. Baird DD, Harmon QE, **Upson K**, Moore KR, Barker-Cummings C, Baker S, Cooper T, Wegienka G. A prospective, ultrasound-based study to evaluate risk factors for uterine fibroid incidence and growth: Methods and results of recruitment. *Journal of Women's Health*. 2015 Nov; 24(11):907-15. Epub 2015 Sep 3.
13. **Upson K**, Harmon QE, Baird DD. Soy-based infant formula feeding and ultrasound-detected uterine fibroids among young African American women with no prior clinical diagnosis of fibroids. *Environmental Health Perspectives*. 2016 Jun; 124(6):769-75. Epub 2015 Nov 13.
14. Jukic AM, **Upson K**, Harmon QE, Baird DD. Increasing serum 25-hydroxyvitamin D (25(OH)D) is associated with reduced odds of long menstrual cycles in a cross-sectional study of African-American women. *Fertility & Sterility*. 2016 Jul; 106(1):172-179.e2. Epub 2016 Mar 18.
15. **Upson K**, Harmon QE, Laughlin-Tommaso SK, Umbach DM, Baird DD. Soy-based infant formula feeding and heavy menstrual bleeding among young African American women. *Epidemiology*. 2016 Sept; 27(5): 716-25.

Invited review

1. O'Brien KM, **Upson K**, Buckley JP. Lipid and creatinine adjustment to evaluate health effects of environmental exposures. *Environmental Health Reports*. In-press.

Book Chapter

1. Holt VL, Trabert BL, **Upson K**. Endometriosis. *Women and Health*, Second Edition, edited by Marlene B. Goldman, Rebecca Triosi, and Kathryn M. Rexrode. San Diego: Academic Press. 2013. pp. 271-284.

Conference Abstracts and Presentations

1. Hong JB, Sigg DC, **Upson K**, Iaizzo PA. Role of δ -opioid receptors in preventing ischemic damage of isolated porcine skeletal muscle. Biophysical Society 46th Annual Meeting, San Francisco, CA, February 23-27, 2002.
2. Allison KH, Reed SD, **Upson K**, Voigt LF, Jordan CD, Newton KM, Garcia RL. Loss of PAX-2 Expression is a Sensitive Marker for Neoplastic Endometrium. United States and Canadian Academy of Pathology Annual Meeting, Boston, MA, March 7-13, 2009.
3. **Upson K**, Reed SD, Prager SW, Schiff MA. Factors associated with contraceptive non-use among women ages 35-44 at risk of unwanted pregnancy. Society for Pediatric and Perinatal Research (SPER) 22nd Annual Meeting, Anaheim, CA, June 22-23, 2009.
4. **Upson K**, Allison KH, Jordan CD, Newton KM, Reed SD, Swisher EM, Doherty J, Garcia RL. Immunohistochemical biomarkers to predict endometrial hyperplasia outcomes. Society for Epidemiologic Research (SER) 43rd Annual Meeting, Seattle, WA, June 23-26, 2010.
5. **Upson K**, Silver R, Greene RA, Lutomski JE, Lydon-Rochelle MT. Prevalence and maternal complications associated with placenta accreta in the Republic of Ireland, 2005-2008. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 24th Annual Meeting, Montreal, Canada, June 20-21, 2011
6. **Upson K**, Silver R, Greene RA, Lutomski JE, Lydon-Rochelle MT. Prevalence and maternal complications associated with placenta accreta in the Republic of Ireland, 2005-2008. 3rd North American Congress of Epidemiology, Montreal, Canada, June 21-24, 2011.
7. **Upson K**, Scholes D, Holt VL. In utero environment, infant exposures and endometriosis risk. 11th World Congress on Endometriosis, Montpellier, France, September 4-7, 2011.
8. **Upson K**, Scholes D, Holt VL. Types of symptoms and reasons for first medical visit leading to endometriosis diagnosis in a defined US healthplan population. 11th World Congress on Endometriosis, Montpellier, France, September 4-7, 2011.
9. **Upson K**, Holt VL, Scholes D. Teen menstrual characteristics, cumulative bleeding days and risk of endometriosis. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 25th Annual Meeting, Minneapolis, MN, June 26, 2012.
10. **Upson K**, Holt V, Sathyanarayana S, De Roos A, Thompson ML, Scholes D. Endocrine disrupting chemicals and endometriosis risk in reproductive age women. NIH National Graduate Student Research Conference, Bethesda, MD, October 9-10, 2012.
11. **Upson K**, Holt VL, De Roos AJ. Application of hierarchical regression in an epidemiologic study of correlated exposures. Society for Epidemiologic Research 2nd Annual Epidemiologic Methodology Applications Conference, November 17, 2012.
12. **Upson K**, Holt VL, Sathyanarayana S, De Roos AJ, Koch HM, Scholes D. Urinary Bisphenol A concentrations and endometriosis risk in reproductive-age women. Society for Epidemiologic Research 46th Annual Meeting, Boston, MA, June 19, 2013.
13. **Upson K**, De Roos AJ, Sathyanarayana S, Thompson ML, Scholes D, Dills R, Holt VL. Demographic, temporal, and anthropometric characteristics and phthalate metabolite concentrations among premenopausal women. NIEHS Science Day, RTP, NC, November 7, 2013.

14. **Upson K**, Harmon QE, Baird DD. Soy-based infant formula feeding and fibroid risk. Triangle Consortium for Reproductive Biology, RTP, NC, March 8, 2014.
15. **Upson K**, Harmon QE, Baird DD. Soy-based infant formula feeding and uterine fibroids. Society for Pediatric and Perinatal Research 27th Annual Meeting, Seattle, WA, June 23, 2014.
16. **Upson K**, Harmon QE, Baird DD. Soy-based infant formula feeding and uterine fibroids. Society for Epidemiologic Research 47th Annual Meeting, Seattle, WA, June 26, 2014.
17. **Upson K**, Harmon QE, Laughlin-Tommaso SK, Baird DD. Soy-based infant formula feeding and menstrual characteristics. International Society for Environmental Epidemiology 26th Annual Conference, Seattle, WA, August 27, 2014.
18. **Upson K**, Harmon QE, Baird DD. Soy-based infant formula feeding and uterine fibroids. 12th Annual NIEHS Science Days, Research Triangle Park, NC, November 6-7, 2014.
19. O'Brien KM, **Upson K**, Cook N, Weinberg CR. Environmental chemicals in urine and blood: Methods for creatinine and lipid adjustment. 12th Annual NIEHS Sciences Days, Research Triangle Park, NC, November 6-7, 2014.
20. **Upson K**, Baird DD. Early life factors and uterine fibroids in a cohort of young African American women. Triangle Consortium for Reproductive Biology 24th Annual Meeting, Research Triangle Park, NC, March 14, 2015.
21. Jukic AM, **Upson K**, Harmon QE, Baird DD. Decreasing serum 25-hydroxyvitamin D(25(OH)D) is associated with long menstrual cycles in African-American women. Triangle Consortium for Reproductive Biology 24th Annual Meeting, Research Triangle Park, NC, March 14, 2015.
22. Jukic AM, **Upson K**, Harmon QE, Baird DD. Serum 25-hydroxyvitamin D (25(OH)D) and menstrual cycle characteristics. Society for Pediatric and Perinatal Epidemiologic Research 28th Annual Meeting, Denver, CO, June 16, 2015.
23. **Upson K**, Baird DD. Soy-based infant formula feeding and menstrual pain in a cohort of young African American women. Society for Pediatric and Perinatal Epidemiologic Research 28th Annual Meeting, Denver, CO, June 15, 2015.
24. **Upson K**, Baird DD. Early life factors and uterine fibroids in a cohort of young African American women. Society for Pediatric and Perinatal Epidemiologic Research 28th Annual Meeting, Denver, CO, June 15, 2015.
25. O'Brien KM, **Upson K**, Cook NR, Weinberg CR. Chemicals in urine and blood: Methods for creatinine and lipid adjustment. Society for Epidemiologic Research 48th Annual Meeting, Denver, CO, June 16, 2015.
26. Jukic AM, **Upson K**, Harmon QE, Baird DD. Serum 25-hydroxyvitamin D (25(OH)D) and menstrual cycle characteristics. Society for Epidemiologic Research 48th Annual Meeting, Denver, CO, June 17, 2015.
27. **Upson K**, Baird DD. Soy-based infant formula feeding and menstrual pain in a cohort of young African American women. Society for Epidemiologic Research 48th Annual Meeting, Denver, CO, June 16, 2015.
28. **Upson K**, Baird DD. Early life factors and uterine fibroids in a cohort of young African American women. Society for Epidemiologic Research 48th Annual Meeting, Denver, CO, June 16, 2015.

29. **Upson K**, Harmon QE, Baird DD. Soy-based infant formula feeding and uterine fibroids. Conference for the public titled, "Uterine Fibroids: What Every Woman Needs to Know", Durham, NC, October 10, 2015.
30. **Upson K**, Hall JE, Baird DD. Iron status and blood lead, cadmium, and mercury concentrations in premenopausal women, NHANES 2003-2010. Triangle Consortium for Reproductive Biology 25th Annual Meeting, Research Triangle Park, NC, February 6, 2016.
31. **Upson K**, Hall JE, Baird DD. Blood lead, cadmium, and mercury concentrations in relation to follicle stimulating hormone in premenopausal women, NHANES 1999-2002. Triangle Consortium for Reproductive Biology 25th Annual Meeting, Research Triangle Park, NC, February 6, 2016.
32. **Upson K**, Chin HB, Baird DD. Vaginal douching in a cohort of young, African American women. 2016 Epidemiology Congress of the Americas, Miami, FL, June 21, 2016.

Professional Activities

Service

2002	Task Force Member, Research Task Force, Planned Parenthood Federation of America, New York, NY
2003	Task Force Member, HIPAA Task Force, Planned Parenthood of Minnesota/South Dakota, Minneapolis, MN
2007-2010	Committee Member, Epidemiology Seminar Committee, University of Washington, Seattle, WA
2011	Student Representative, School of Public Health Strategic Planning Retreat, University of Washington, Seattle, WA
2010-2012	Student Representative, Department of Epidemiology Curriculum Committee, University of Washington, Seattle, WA
2010-2012	Student Representative, School of Public Health Curriculum and Educational Policy Committee, University of Washington, Seattle, WA
2010-2012	Committee Member, Planning Committee, Seminar series for first year doctoral epidemiology students, Department of Epidemiology, University of Washington, Seattle, WA
2013-	Ad Hoc Reviewer, peer-reviewed journals: <i>Epidemiology</i> , <i>Environmental Health Perspectives</i> , <i>Human Reproduction</i> , <i>Journal of Women's Health</i> , <i>The Gerontologist</i> , <i>Journal of Obstetrics and Gynaecology Research</i> , <i>Environmental Health</i> , <i>British Journal of Nutrition</i> , <i>International Journal of Fertility and Sterility</i> , <i>Journal of Occupational Medicine and Toxicology</i>
2014-2015	Coordinator, "Reproductive Lunch" Reproductive Epidemiology Journal Club, Epidemiology Branch, National Institute of Environmental Health Sciences, National Institutes of Health, Research Triangle Park, NC
2016-	Associate Editor, Human Reproduction

Membership

2006-2011 Washington State Public Health Association
2009- Society for Pediatric and Perinatal Epidemiologic Research
2009- Society for Epidemiologic Research
2014 International Society for Environmental Epidemiology