

## CURRICULUM VITAE

Katherine A. Guthrie, Ph.D.

### Personal Data

Place of Birth: Hadley, Massachusetts  
Citizenship: United States of America  
Date of Birth: November 10, 1967

### Education

1985-1989 B.S. cum laude, Mathematics, Bates College, Lewiston, Maine  
1995-1997 M.S., Biostatistics, University of Washington, Seattle, Washington  
1997-2001 Ph.D., Biostatistics, University of Washington, Seattle, Washington

### Postgraduate Training

1995-1996 Teaching Assistant (Medical Biometry I and II), Department of Biostatistics, University of Washington, Seattle, Washington  
1996-1998 Research Assistant (National Wilms Tumor Study, Norman Breslow), Fred Hutchinson Cancer Research Center, Seattle, Washington  
1998-2001 Research Assistant (Methods of using group information in epidemiology, Lianne Sheppard), Department of Biostatistics, University of Washington, Seattle, Washington

### Faculty Positions Held

2001-2008 Assistant Member (Primary Appointment), Fred Hutchinson Cancer Research Center, Division of Clinical Research, Clinical Statistics, Seattle, Washington  
2001-2008 Assistant Member (Joint Appointment), Fred Hutchinson Cancer Research Center, Public Health Sciences Division, Biostatistics, Seattle, Washington  
2002-2008 Affiliate Assistant Professor, Department of Biostatistics, University of Washington, Seattle, Washington  
2008- Associate Member (Primary Appointment), Fred Hutchinson Cancer Research Center, Division of Clinical Research, Clinical Statistics, Seattle, Washington  
2008- Associate Member (Joint Appointment), Fred Hutchinson Cancer Research Center, Public Health Sciences Division, Biostatistics, Seattle, Washington

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Honors

1989            Phi Beta Kappa, Bates College  
2000            Outstanding Student Award, Department of Biostatistics, University of Washington

Professional Organizations

American Statistical Association  
International Biometric Society (WNAAR)

Editorial Responsibilities

*Clinical Trials*  
*Journal of Clinical Oncology*  
*Statistics in Medicine*  
*The International Journal of Biostatistics*  
*PLoS ONE*  
*Biology of Blood and Marrow Transplantation*

Special National Responsibilities

2007, 2012      Reviewer, NIAID Special Emphasis Panel, Clinical Trials in Organ Transplantation in Children (U01)  
2010-2011      Member, Data and Safety Monitoring Board (DSMB), National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) sponsored study, "The Treatment of Methotrexate Resistant Rheumatoid Arthritis with Aminopterin"  
2011-            Member, DSMB, NIAMS sponsored study, "Effect of Adrenal and Gonadal Hormones on Bone Marrow and Appendicular Bone Density"  
2013            Reviewer, Susan G. Komen for the Cure Investigator-Initiated Research Grants  
2013-            Statistician, Gastrointestinal Cancer Committee, SWOG

Special Local Responsibilities

2003-2013      Member, FHCRC Institutional Animal Care and Use Committee  
2010-            Member, FHCRC Clinical Research Division Appointments & Promotions Committee  
2005-2006      Member, Data and Safety Monitoring Board (DSMB), FHCRC Protocol 1998 (George McDonald, PI)  
2006-            Member, DSMB, FHCRC Protocol 1353 (Ann Woolfrey, PI)  
2009-            Member, DSMB, FHCRC Protocol 2000 (Hans-Peter Kiem, PI)  
2009-            Member, DSMB, FHCRC Protocol 2067 (Hans-Peter Kiem, PI)  
2012-            Member, DSMB, FHCRC Protocol 2533 (George Georges, PI)  
2012-            Member, DSMB, FHCRC Protocol 2603 (Colleen Delaney, PI)  
2013-            Member, DSMB, FHCRC Nonmyeloablative transplantation protocols (Multiple PIs)

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Research Funding

Active Support

- 1/1/10 – 12/31/15 NIH/NCI, U10 CA 038926-27  
\$3,983,675 PI: LeBlanc, M.  
Southwest Oncology Group Statistical Center  
Role: Biostatistician / Effort: 35%
- 9/15/08 – 8/31/13 NIH/NIA, U01 AG 032699-05  
\$2,153,335 PI: LaCroix, A./Guthrie, KA  
Menopausal Symptoms Initiative: Finding Lasting Answers for Sweats and Hot  
Flashes (MSI-FLASH)  
Role: PI / Effort: 28%
- 1/1/03 – 12/31/14 NIH/NCI, P30 CA 015704-39  
\$6,651,621 PI: Corey, L.  
Cancer Center Support Grant  
Role: Biostatistician / Effort: 14%
- 2/1/12 – 1/31/14 NIH/NINDS, R21 NS 71418-02  
\$162,040 PI: Nelson, J.L.  
Fetal Microchimerism in the Human Brain  
Role: Biostatistician / Effort: 4%
- 5/1/12 – 4/30/13 UW CRA / Hemispherx (Subaward) (UW PI: Salazar, L.)  
\$7,151 Subaward PI: Guthrie, K.  
Phase I-II Study of HER2 Vaccination with Ampligen as Adjuvant in HER2+ Breast  
Cancer  
Role: Biostatistician / Effort: 5%
- 7/1/12 – 6/30/13 University of Minnesota (Subaward)  
\$15,238 PI: Diem, S.  
Effects of Escitalopram on Markers of Bone Turnover  
Role: Biostatistician / Effort: 2%

Pending Support

- 4/1/13 – 3/31/18 NIH, R01 (Subaward) (UW PI: Salazar, L.)  
\$8,554 Subaward PI: Guthrie, K.  
Phase II Randomized Study of a DNA Plasmid Based Vaccine  
Role: Biostatistician / Effort: 5%
- 9/1/13 – 8/31/18 NIH/NIA, U01 AG 032699-06  
\$2,202,926 PI: LaCroix A./Guthrie, KA  
Enhancing Vaginal Aging (EVA): Probiotics, Estrogen, and the Microbiome  
Role: PI / Effort: 30%
- 12/1/13 – 11/30/18 NIH/NHLBI/NCI, R01 HL 117737-15  
\$330,384 PI: Nelson, J.L. / Delaney, C.  
Microchimerism as Allo-Immunity  
Role: Biostatistician / Effort: 2%

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Manuscripts in Refereed Journals

1. Meisel JA, **Guthrie KA**, Breslow NE, Donaldson SS, Green DM: Significance and management of computed tomography detected pulmonary nodules: a report from the National Wilms Tumor Study Group. *International Journal of Radiation Oncology, Biology and Physics* 44 (3):579-585, 1999.
2. Shamberger RC, **Guthrie KA**, Ritchey ML, Haase GM, Takashima J, Beckwith JB, D'Angio GJ, Green DM, Breslow NE: Surgery-related factors and local recurrence of Wilms tumor in National Wilms Tumor Study 4. *Annals of Surgery* 229 (2):292-297, 1999. PMID: PMC1191644
3. Breslow NE, Partin AW, Lee BR, **Guthrie KA**, Beckwith JB, Green DM: Nuclear morphometry and prognosis in favorable histology Wilms' tumor: A prospective reevaluation. *Journal of Clinical Oncology* 17 (7):2123-2126, 1999.
4. Porteus MH, Narkool P, Neuberg D, **Guthrie K**, Breslow N, Green DM, Diller L: Characteristics and outcome of children with Beckwith-wiedemann syndrome and Wilms' tumor: A report from the national Wilms tumor study group. *Journal of Clinical Oncology* 18 (10):2026-2031, 2000.
5. **Guthrie KA**, Sheppard L: Overcoming biases and misconceptions in ecological studies. *Journal of the Royal Statistical Society: Series A (Statistics in Society)* 164 (Part 1):141-154, 2001.
6. Hogeboom CJ, Grosser SC, **Guthrie KA**, Thomas PR, D'Angio GJ, Breslow NE: Stature loss following treatment for Wilms tumor. *Medical and Pediatric Oncology* 36:295-304, 2001.
7. **Guthrie KA**, Sheppard L, Wakefield J: A hierarchical aggregate data model with spatially correlated disease rates. *Biometrics* 58 (4):898-905, 2002.
8. Lambert NC, Lo YMD, Erickson TD, Tylee TS, **Guthrie KA**, Furst DE, Nelson JL: Male microchimerism in healthy women and women with scleroderma: cells or circulating DNA? A quantitative answer. *Blood* 100:2845-2851, 2002.
9. Stirewalt DL, **Guthrie KA**, Beppu L, Bryant EM, Doney K, Gooley T, Appelbaum FR, Radich JP: Predictors of relapse and overall survival in Philadelphia chromosome-positive acute lymphoblastic leukemia after transplantation. *Biology of Blood and Marrow Transplantation* 9 (3):206-212, 2003.
10. Akpek G, Lee SJ, Flowers ME, Pavletic SZ, Arora M, Lee S, Piantadosi S, **Guthrie KA**, Lynch JC, Takatu A, Horowitz MM, Antin JH, Weisdorf DJ, Martin PJ, Vogelsang GB: Performance of a new clinical grading system for chronic graft-versus-host disease: a multicenter study. *Blood* 102:802-809, 2003.
11. Fukuda T, Hackman RC, **Guthrie KA**, Sandmaier BM, Boeckh M, Maris MB, Maloney DG, Deeg HJ, Martin PJ, Storb RF, Madtes DK: Risks and outcomes of idiopathic pneumonia syndrome after nonmyeloablative and conventional conditioning regimens for allogeneic hematopoietic stem cell transplantation. *Blood* 102:2777-2785, 2003.

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12. Stewart B, Verdugo M, **Guthrie KA**, Appelbaum F, Deeg HJ: Outcome following haematopoietic cell transplantation in patients with myelodysplasia and del (5q) karyotypes. *British Journal of Haematology* 123:879-885, 2003.
13. Adams KM, Mandel LS, **Guthrie KA**, Atkinson MW: Interleukin-18 in the plasma of women with preeclampsia. *American Journal of Obstetrics and Gynecology* 188 (5):1234-1237, 2003.
14. Andersen MR, **Guthrie KA**, Urban N: Assertive with physicians: does it predict mammography use? *Women and Health* 39 (2):1-12, 2004.
15. Lambert NC, Erickson TD, Yan Z, Pang JM, **Guthrie KA**, Furst DE, Nelson JL: Quantification of maternal microchimerism by HLA-specific real-time polymerase chain reaction: studies of healthy women and women with scleroderma. *Arthritis and Rheumatism* 50 (3):906-914, 2004.
16. Fukuda T, Boeckh M, **Guthrie KA**, Mattson DK, Owens S, Wald A, Sandmaier BM, Corey L, Storb RF, Marr KA: Invasive aspergillosis before allogeneic hematopoietic stem cell transplantation: 10-year experience at a single transplant center. *Biology of Blood and Marrow Transplantation* 10:494-503, 2004.
17. Adams KM, Holmberg LA, Leisenring W, Fefer A, **Guthrie KA**, Tylee TS, McDonald GB, Bensinger WI, Nelson JL: Risk factors for syngeneic graft-versus-host disease after adult hematopoietic cell transplantation. *Blood* 104:1894-1897, 2004.
18. Disis ML, Schiffman K, **Guthrie K**, Salazar LG, Knutson KL, Goodell V, dela Rosa C, Cheever MA: Effect of dose on immune response in patients vaccinated with an HER-2/neu intracellular domain protein-based vaccine. *Journal of Clinical Oncology* 22 (10):1916-1925, 2004.
19. Nichols WG, **Guthrie KA**, Corey L, Boeckh M: Influenza infections after hematopoietic stem cell transplantation: risk factors, mortality, and the effect of antiviral therapy. *Clinical Infectious Diseases* 39:1300-1306, 2004.
20. Panse JP, Heimfeld S, **Guthrie KA**, Maris MB, Maloney DG, Baril BB, Little M-T, Chauncey TR, Storer BE, Storb R, Sandmaier BM: Allogeneic peripheral blood stem cell graft composition affects early T-cell chimaerism and later clinical outcomes after non-myeloablative conditioning. *British Journal of Haematology* 128:659-667, 2005.
21. Hingorani SR, **Guthrie K**, Batchelder A, Schoch G, Aboulhossn N, Manchion J, McDonald GB: Acute renal failure after myeloablative hematopoietic cell transplant: incidence and risk factors. *Kidney International* 67 (1):272-277, 2005.
22. Sanders JE, **Guthrie KA**, Hoffmeister PA, Woolfrey AE, Carpenter PA, Appelbaum FR: Final adult heights of patients who received hematopoietic cell transplantation in childhood. *Blood* 105 (3):1348-1354, 2005.
23. Oehler VG, Radich JP, Storer B, Blume KG, Chauncey T, Clift R, Snyder DS, Forman SJ, Flowers MED, Martin P, **Guthrie KA**, Negrin RS, Appelbaum FR, Bensinger W: Randomized trial of allogeneic related bone marrow transplantation versus peripheral blood stem cell transplantation for chronic myeloid leukemia. *Biology of Blood and Marrow Transplantation* 11 (2):85-92, 2005.

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24. Yan Z, Lambert NC, **Guthrie KA**, Porter AJ, Loubiere LS, Madeleine MM, Stevens AM, Hermes HM, Nelson JL: Male microchimerism in women without sons: Quantitative assessment and correlation with pregnancy history. *The American Journal of Medicine* 118 (8):899-906, 2005.
25. Stevens AM, Tsao BP, Hahn BH, **Guthrie K**, Lambert NC, Porter AJ, Tylee TS, Nelson JL: Maternal HLA class II compatibility in men with systemic lupus erythematosus. *Arthritis and Rheumatism* 52 (9):2768-2773, 2005.
26. Tomlinson GE, Breslow NE, Dome J, **Guthrie KA**, Norkool P, Li S, Thomas PRM, Perlman E, Beckwith JB, D'Angio GJ, Green DM: Rhabdoid tumor of the kidney in the national Wilms' tumor study: Age at diagnosis as a prognostic factor. *Journal of Clinical Oncology* 23 (30):7641-7645, 2005.
27. Gadi VK, Nelson JL, Boespflug ND, **Guthrie KA**, Kuhr CS: Soluble donor DNA concentrations in recipient serum correlate with pancreas-kidney rejection. *Clinical Chemistry* 52:379-382, 2006.
28. Yan Z, Lambert NC, Østensen M, Adams KM, **Guthrie KA**, Nelson JL: Prospective study of fetal DNA in serum and disease activity during pregnancy in women with inflammatory arthritis. *Arthritis and Rheumatism* 54 (7):2069-2073, 2006.
29. Erard V, **Guthrie KA**, Riddell S, Boeckh M: Impact of HLA A2 and cytomegalovirus serostatus on outcomes in patients with leukemia following matched-sibling myeloablative allogeneic hematopoietic cell transplantation. *Haematologica* 91 (10):1377-1383, 2006.
30. Loubière LS, Lambert NC, Flinn LJ, Erickson TD, Yan Z, **Guthrie KA**, Vickers KT, Nelson JL: Maternal microchimerism in healthy adults in lymphocytes, monocyte/macrophages and NK cells. *Laboratory Investigation* 86:1185-1192, 2006.
31. Hingorani SR, **Guthrie KA**, Schoch G, Weiss NS, McDonald GB: Chronic kidney disease in long-term survivors of hematopoietic stem cell transplant. *Bone Marrow Transplantation* 39 (4):223-229, 2007.
32. Schubert MM, Eduardo FP, **Guthrie KA**, Franquin J-C, Bensadoin R-JJ, Migliorati CA, Lloid CME, Eduardo CP, Walter N-F, Marques MM, Hamdi M: A phase III randomized double-blind placebo-controlled clinical trial to determine the efficacy of low level laser therapy for the prevention of oral mucositis in patients undergoing hematopoietic cell transplantation. *Supportive Care in Cancer* 15:1145-1154, 2007.
33. Erard V, **Guthrie KA**, Varley C, Heugel J, Wald A, Flowers MED, Corey L, Boeckh M: One-year acyclovir prophylaxis for preventing varicella-zoster virus disease after hematopoietic cell transplantation: no evidence of rebound varicella-zoster virus disease after drug discontinuation. *Blood* 110:3071-3077, 2007.
34. Peck AJ, Englund JA, Kuypers J, **Guthrie KA**, Corey L, Morrow R, Hackman RC, Cent A, Boeckh M: Respiratory virus infection among hematopoietic cell transplantation recipients: evidence for asymptomatic parainfluenza virus infection. *Blood* 110:1681-1688, 2007. PMID: PMC1975849
35. Woodahl EL, Hingorani SR, Wang J, **Guthrie KA**, McDonald GB, Batchelder A, Li M, Schoch HG, McCune JS: Pharmacogenomic associations in *ABCB1* and *CYP3A5* with acute kidney injury

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- and chronic kidney disease after myeloablative hematopoietic cell transplantation. *The Pharmacogenomics Journal* 8:248-255, 2008.
36. Gadi VK, Malone KE, **Guthrie KA**, Porter PL, Nelson JL: Case-control study of fetal microchimerism and breast cancer. *PLoS ONE* 3 (3): e1706, 2008. PMID: PMC2248618
  37. **Guthrie KA**, Tishkevich NR, Nelson JL: Non inherited maternal HLA antigens in susceptibility to familial rheumatoid arthritis. *Annals of Rheumatic Diseases* 68:107-9, 2009. PMID: PMC2760537
  38. Changsirikulchai S, Myerson D, **Guthrie KA**, McDonald GB, Alpers CE, Hingorani SR: Renal thrombotic microangiopathy after hematopoietic cell transplant: role of GVHD in pathogenesis. *Clinical Journal of the American Society of Nephrology*, 4: 345-353, 2009. PMID: PMC2637592
  39. McCune JS, Batchelder A, **Guthrie KA**, Witherspoon RP, Appelbaum FR, Phillips B, Vicini P, Salinger DH, McDonald GB: Personalized dosing of cyclophosphamide in the total body irradiation-cyclophosphamide conditioning regimen: a phase II trial in patients with hematologic malignancies. *Clinical Pharmacology and Therapeutics* 85:615-22, 2009. PMID: PMC2718578
  40. Oehler VG, **Guthrie KA**, Cummings CL, Sabo K, Wood BL, Gooley T, Yang T, Epping MT, Dai H, Pogossova-Agadjanyan E, Ladne P, Stirewalt DL, Abkowitz JL, and Radich JP: The Preferentially Expressed Antigen in Melanoma (PRAME) inhibits myeloid differentiation in normal hematopoietic and leukemic progenitor cells. *Blood* 114: 3299-3308, 2009. PMID: PMC2759652
  41. **Guthrie KA**, Yong M, Frieze D, Corey L, Fredricks DN: The impact of a change in antibacterial prophylaxis from ceftazidime to levofloxacin hematopoietic cell transplantation. *Bone Marrow Transplantation* 45: 675-81, 2010. PMID: PMC2911962
  42. Milano F, Campbell AP, **Guthrie KA**, Kuypers J, Englund JA, Corey L, Boeckh MJ: Human rhinovirus and coronavirus detection among allogeneic hematopoietic stem cell transplantation recipients. *Blood* 115: 2088-94, 2010. PMID: PMC2837322
  43. Campbell AP, Chien J, Kuypers J, Englund JA, Wald A, **Guthrie KA**, Corey L, Boeckh MJ: Respiratory Virus Pneumonia after Hematopoietic Cell Transplantation (HCT): Associations Between Viral Load in Bronchoalveolar Lavage Samples, Viral RNA Detection in Serum Samples, and Clinical Outcomes of HCT. *Journal of Infectious Diseases* 201: 1404-13, 2010. PMID: PMC2853730
  44. **Guthrie KA**, Dugowson CE, Voigt LF, Koepsell TD, Nelson JL: Does Pregnancy Provide Vaccine-Like Protection Against Rheumatoid Arthritis? *Arthritis Rheum* 62: 1842-8, 2010. PMID: PMC2910625
  45. Gammill HS, **Guthrie KA**, Aydelotte TM, Adams Waldorf KM, Nelson JL: Effect of parity on fetal and maternal microchimerism: interaction of grafts within a host? *Blood* 116: 2706-12, 2010. PMID: PMC2974583
  46. Sunku CC, Gadi VK, Lacoste B, **Guthrie KA**, Nelson JL: Maternal and Fetal Microchimerism in Granulocytes. *Chimerism* 1:1, 11-14, 2010. PMID: PMC3035109

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47. Nemecek ER, **Guthrie KA**, Sorrow ML, Wood BL, Doney KC, Hilger RA, Scott BL, Kovacovics TJ, Maziarz RT, Woolfrey AE, Bedalov A, Sanders JE, Pagel JM, Sickle EJ, Witherspoon R, Flowers ME, Appelbaum FR, Deeg HJ: Conditioning with treosulfan and fludarabine followed by allogeneic hematopoietic cell transplantation for high-risk hematologic malignancies. *Biol Blood Marrow Transplant* 17: 341-50, 2011. PMID: PMC2974965
48. Yan Z, Aydelotte T, Gadi VK, **Guthrie KA**, Nelson JL: Acquisition of the Rheumatoid Arthritis HLA Shared Epitope Through Microchimerism. *Arthritis & Rheumatism* 63:640-4, 2011.
49. Freeman EW, **Guthrie KA**, Caan B, Sternfeld B, Cohen LS, Joffe H, Carpenter JS, Anderson GL, Larson JC, Ensrud KE, Reed SD, Newton KM, Sherman S, Sammel MD, LaCroix AZ: Efficacy of Escitalopram for Hot Flashes in Healthy Menopausal Women: A Randomized Controlled Trial. *JAMA* 305: 267-74, 2011. PMID: PMC3129746
50. **Guthrie KA**, Gammill HS, Madeleine MM, Dugowson CE, Nelson JL: Parity and HLA Alleles in Risk of Rheumatoid Arthritis. *Chimerism* 2: 11-15, 2011. PMID: PMC3084950
51. Gopal AK, **Guthrie KA**, Rajendran J, Pagel JM, Olivieria G, Maloney DG, Matesan MC, Storb RF, Press OW: <sup>90</sup>Y-ibritumomab tiuxetan, fludarabine, and TBI based non-myeloablative allogeneic transplant conditioning for patients with persistent high-risk B-cell lymphoma. *Blood* 118: 1132-9, 2011.
52. Budde LE, **Guthrie KA**, Till BG, Press OW, Chauncey TR, Pagel JM, Petersdorf SH, Bensinger WI, Holmberg LA, Shustov AR, Green DJ, Maloney DG, Gopal AK: The Mantle Cell International Prognostic Index but not Pre-transplant Induction Regimen Predicts Survival for Patients with Mantle Cell Lymphoma Undergoing High Dose Therapy and Autologous Stem Cell Transplant. *J Clin Onc* 29: 3023-9, 2011. PMID: PMC3157964
53. Gadi VK, Nelson JL, **Guthrie KA**, Anderson CC, Boespflug ND, Redinger JW, Paul B, Dinyari P, Shapiro AMJ: Soluble Donor DNA and Islet Injury after Transplantation. *Transplantation* 92: 607-11, 2011. PMID: 21747325
54. Ensrud KE, Joffe H, **Guthrie KA**, Larson JC, Reed SD, Newton KM, Sternfeld B, LaCroix AZ, Landis CA, Woods NF, Freeman EW: Effect on Escitalopram on Insomnia Symptoms and Subjective Sleep Quality in Healthy Menopausal Women with Hot Flashes: A Randomized Controlled Trial. *Menopause* 19: 848-855, 2012. PMID: PMC3382013 [Available on 2013/8/1]
55. Reed SD, **Guthrie KA**, Joffe H, Shifren JL, Seguin RA, Freeman EW: Sexual Function in Nondepressed Women in Escitalopram Trial for Vasomotor Symptoms: A Randomized Controlled Trial. *Obstetrics & Gynecology* 119: 527-38, 2012. PMID: PMC3345186 [Available on 2013/3/1]
56. Carpenter JS, **Guthrie KA**, Larson JC, Freeman EW, Joffe H, Reed SD, Ensrud KE, LaCroix AZ: Effect of escitalopram on hot flash interference: A randomized, controlled trial. *Fertility and Sterility* 97: 1399-404.e1, 2012. PMID: PMC3367120 [Available on 2013/6/1]
57. Li N, **Guthrie KA**, Storer BE, Martin PJ, Sale GE, Argyenyi ZB, Myerson D: Keratinocyte Dysplasia in Hematopoietic Stem Cell Transplant Recipients in the Day 28 to 84 Posttransplant



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- Period. *Biol Blood Marrow Transplant* 18: 1281-6, 2012. PMID: PMC3402699 [Available on 2013/8/1]
58. Aspesberro F, **Guthrie KA**, Woolfrey AE, Brogan TV, Roberts JS: Outcome of Pediatric Hematopoietic Stem Cell Transplant Recipients Requiring Mechanical Ventilation. *Journal of Intensive Care Medicine* 2012. [Epub ahead of print]. PMID: 22904208.
59. Peterson SE, Nelson JL, **Guthrie KA**, Gadi VK, Aydelotte TM, Oyer DJ, Prager SW, Gammill HS: Prospective assessment of fetal-maternal cell transfer in miscarriage and pregnancy termination. *Hum Reprod* 27: 2607-12, 2012. PMID: PMC3415291 [Available on 2013/9/1] **RM 42388**
60. Blake JM, Nicoud IB, Weber D, Voorhies H, **Guthrie KA**, Heimfeld S, Delaney C: Improved immunomagnetic enrichment of CD34 (+) cells from umbilical cord blood using the CliniMACS cell separation system. *Cytotherapy* 14: 818-22, 2012. PMID: 22548696 [PubMed - in process]
61. Grim JE, Knoblauch SE, **Guthrie KA**, Hagar A, Swanger J, Hespelt J, Delrow JJ, Small T, Grady WM, Nakayama KI, Clurman BE: Fbw7 and p53 cooperatively suppress advanced and chromosomally unstable intestinal cancer. *Mol Cell Bio* 32: 2160-7, 2012. PMID: PMC3372235 [Available on 2012/12/1]
62. Kuypers J, Campbell AP, **Guthrie KA**, Wright NL, Englund JA, Corey L, Boeckh M: Detection of QUPyV and KIPyV Polyomaviruses in Respiratory Samples from Allogeneic Hematopoietic Stem Cell Transplantation Recipients. *Emerging Infectious Diseases* 18: 1580-8, 2012. PMID: 23017213 [PubMed - in process]
63. Joffe H, **Guthrie KA**, Larson J, Cohen LS, Carpenter JS, LaCroix AZ, Freeman EW: Relapse of vasomotor symptoms after discontinuing of the SSRI escitalopram: Results from the MsFLASH research network. *Menopause* 20: 261-8, 2013. PMID: 2345022
64. Chan WFN, Gurnot C, Modine TJ, Sonnen JA, **Guthrie KA**, Nelson JL: Male Microchimerism in the Human Female Brain. *PLoS One* (in press).
65. Campbell AP, Kuypers J, Englund JA, **Guthrie KA**, Corey L, Boeckh M. Self Collection of Foam Nasal Swabs for Respiratory Virus Detection by PCR among Immunocompetent Subjects and Hematopoietic Cell Transplant Recipients. *J Clin Microbiol*, 2012. [Epub ahead of print] PMID: 23135933.
66. Sternfeld B, LaCroix A, Caan BJ, Dunn AL, Newton KM, Reed SD, **Guthrie KA**, Booth-LaForce C, Sherman KJ, Cohen L, Freeman MP, Carpenter JS, Hunt JR, Roberts M, Ensrud KE: Design and Methods of a Multi-Site, Multi-Behavioral Treatment Trial for Menopausal Symptoms: The MsFLASH Experience. *Contemporary Clinical Trials*, 2013. [Epub ahead of print] PMID: 23462342.
67. Newton KM, Carpenter JS, **Guthrie KA**, Anderson GL, Caan B, Cohen LS, Ensrud KE, Freeman EW, Joffe H, Sternfeld B, Reed SD, Sherman S, Sammel MD, Kroenke K, Larson JC, LaCroix AZ: Methods for the Design of Vasomotor Symptom Trials: The MsFLASH Network. *Menopause* (in press).

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Book Chapters

1. Holmberg LA, **Guthrie KA**, Sandmaier BM: Clinical outcome of breast and ovarian cancer patients treated after high-dose chemotherapy and autologous stem cell rescue with Theratope (STn-KLH) cancer vaccine: Theratope (STn-KLH) cancer vaccine following autologous transplant. In: Chemical Glycobiology, Chen X., Halcomb RL, and Wang PG (eds.). Washington, DC: American Chemical Society, Chapter 9: 197-215, 2008.

Other Publications

1. Ritchey ML, Green DM, Breslow NB, **Guthrie KA**: Comments on Wilms' tumor experience. Letter to the Editor. *Pediatrics* 99 (3):503, 1997.
2. Ritchey ML, Green DM, Breslow NB, **Guthrie KA**: Is contralateral exploration of the kidney necessary in patients with Wilms tumor? Letter to the Editor. *Journal of Urology* 158 (1):186, 1997.

Other

Presentations

- |      |   |
|------|---|
| 1999 | "Overcoming biases and misconceptions in ecological studies," International Conference on the Analysis and Interpretation of Disease Clusters and Ecological Studies<br>London, England |
| 1999 | "Overcoming biases and misconceptions in ecological studies," International Biometric Society (WNAS) Annual Meeting<br>Seattle, Washington  |
| 2002 | "A hierarchical aggregate data model with spatially correlated disease rates," International Biometric Society (WNAS) Annual Meeting<br>Los Angeles, California                         |
| 2004 | "Timing is everything: an explanation of time-dependent covariates," Grand Rounds, FHCRC<br>Seattle, Washington   |
| 2008 | "Oral contraceptive use, parity, HLA alleles, and the risk of rheumatoid arthritis," Grand Rounds, FHCRC<br>Seattle, Washington   |
| 2009 | "Intent to Treat Analysis for MsFLASH Studies," MsFLASH Steering Committee meeting<br>Bethesda, Maryland  |
| 2009 | "An Introduction to MsFLASH (Menopausal Strategies: Finding Lasting Answers for Symptoms and Health)," Clinical Trials Affinity Group, FHCRC<br>Seattle, Washington                     |

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- 2010 "Efficacy of Escitalopram for menopausal hot flashes: A randomized controlled trial in the MsFLASH Network," Clinical Trials Affinity Group, FHCRC  
Seattle, Washington
- 2010 "Efficacy of Escitalopram for menopausal hot flashes: A randomized controlled trial in the MsFLASH Network," Clinical Trials Affinity Group, FHCRC  
Seattle, Washington
- 2013 "Results of MsFLASH 2.0: a 3x2 factorial design testing yoga, aerobic exercise and Omega-3 for relief of menopausal symptoms," Clinical Trials Affinity Group, FHCRC  
Seattle, Washington
- 2013 "Statistical analysis of microchimerism data: zero-inflated or not?," Grand Rounds,  
FHCRC  
Seattle, Washington