

Vikki G. Nolan

University of Memphis, School of Public Health
Division of Epidemiology and Biostatistics
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EDUCATION

2009	DSc	Epidemiology, School of Public Health, Boston University, Boston, MA
2000	MPH	Epidemiology of Microbial Diseases, School of Public Health, Yale University, New Haven, CT
1998	BA	Biology, Minors in Chemistry and Sociology, Hofstra University, Hempstead, NY

PROFESSIONAL EXPERIENCE

University of Memphis, School of Public Health, Memphis, TN

8/2016 – Present	Assistant Dean of Academic Affairs
8/2016 – Present	MPH Coordinator
8/2016 – Present	Associate Professor, (tenured), Division of Epidemiology and Biostatistics
8/2010 – 5/2016	Assistant Professor, Division of Epidemiology and Biostatistics

University of Tennessee Health Science Center, Memphis, TN

7/2016 – Present	Adjunct Faculty Member, Preventive Medicine
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St. Jude Children's Research Hospital, Memphis, TN

7/2008 – 8/2010	Epidemiologic Research Analyst, Department of Epidemiology and Cancer Control
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Boston University School of Medicine, Boston, MA

9/2002 – 6/2008	Data Analyst, Departments: Genetics; Hematology, Center for Excellence in Sickle Cell Disease; Gerontology, New England Centenarian Study
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New York City Department of Health, New York, NY

11/2000 – 9/2002	Public Health Epidemiologist and Consultant, Community HealthWorks
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Emerging Infections Program, New Haven, CT

5/1999 – 5/2000	Research Assistant, Yale FoodNet
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PROFESSIONAL SERVICE

National and Regional Service

2009 – Present	Ad hoc reviewer for: American Journal of Epidemiology American Journal of Hematology Annals of Epidemiology Archives of Physical Medicine and Rehabilitation Blood Blood Advances BMC Emergency Medicine BMC Hematology BMC Infectious Diseases British Journal of Cancer Child Neuropsychology Circulation Circulation: Cardiovascular Genetics Cleft Palate-Craniofacial Journal European Journal of Haematology International Journal of Cancer Journal of the American Heart Association Journal of Clinical Medicine Medicine Nutrients Pain Pediatric Blood and Cancer PLOS One Quality of Life Research
2013	Sickle Cell Advisory Council, Methodist Healthcare
2013	Steering Committee, Shelby County Health Department Community Needs Assessment
2013	Community Health Status Assessment Working Group, Shelby County Health Department Community Needs Assessment
2014 – Present	Abstract Reviewer, American Public Health Association Annual Meeting
2012-13, 2017-18	Abstract Reviewer, Society for Epidemiologic Research Annual Meeting
2017-8	Abstract Reviewer, American College of Epidemiology Annual Meeting

University of Memphis Service

2013	Research Capacity Assessment Taskforce (People Team and Questionnaire Development)
2013	Research Services Implementation Team
2013	Assistant Professor of Exercise and Sports Science, Faculty Search Committee
2017 – 8	Teaching and Learning Advisory Committee

School of Public Health Service

2010, 2011	Division Director, Epidemiology and Biostatistics, Faculty Search Committee
2011	PhD Epidemiology Admissions Committee
2011, 2012	Associate/Full Professor of Epidemiology, Faculty Search Committee

2011 – 2015	MPH Admissions Committee
2012	Director of Research, Faculty Search Committee
2012 – 2015, 2018	School of Public Health Marketing Committee
2013, 2014	Assistant Professor of Biostatistics Faculty, Search Committee
2013 – 2016	MPH Curriculum Committee
2015 – 2019	Public Health Community Scholars Selection Committee
2016 – 2017	Chair, PhD Admissions Committee
2013 – Present	Chair, Epidemiology, Biostatistics, and Environmental Health Curriculum Committee
2015 – Present	Public Health Student Association, Faculty Advisor
2016 – Present	Chair, MPH Admissions Committee
2016 – Present	PhD Comprehensive Exam Committee
2016 – Present	Chair, MPH Curriculum Committee
2016 – Present	Co-chair, Graduate Studies Committee
2016 – Present	Executive Committee
2018 – Present	Chair, Urban Health MPH Working Group
2018 – Present	BSPH Working Group Committee
2018 – Present	Committee of Faculty Affairs and Development (COFAD)

Professional Society Memberships:

Society for Epidemiologic Research
American College of Epidemiology
American Public Health Association
Tennessee Public Health Association

TEACHING

University of Memphis, School of Public Health

Public Health Epidemiology I	Fall 2011 - 2018
Public Health Epidemiology I – Online	Fall 2011 - 2015
Masters Project Seminar	Spring 2012, 2014 – 2016
Infectious Disease Epidemiology	Spring 2013 – 2019
Infectious Disease Epidemiology – Online	Spring 2018, 2019
Epidemics: From the Plague to Ebola	Fall 2016, 2018

University of Memphis, Public Health Institute

Introduction to SAS	Fall 2012 Summer 2012, 2014 – 2018
Epidemiology for Non-epidemiologists	Summer 2013
Critically Reading Scientific Literature	Summer 2013

Additional teaching experience

2010 – 2011	Supervised one graduate assistant
2013	Instructor of record for two semesters Special Problems: Applying bias analyses to epidemiologic data for a doctoral student
2013 – 2018	Helped write and grade doctoral student comprehensive exams and participated in oral component of exam

2014	Instructor of record for Special Problems: Infectious disease epidemiology for online MPH student
2013-14	Supervised one graduate assistant
2015	Instructor of record for Guided Research: Risk factors for <i>Salmonella Typhimurium</i> infections in TN
2015 – 2018	Guest lecture: “Evaluating journal articles” Doctoral Student Seminar
2018	Guest lecture: “Public Health response following WTC attacks” Public Health Leadership in Emergency Response”

GRANTS AND CONTRACTS

Funded

Epidemiology, Biostatistics, and Data Coordinating Center Creating an Optimal Care Coordination Model for Lung Cancer Patients on Medicaid Association of Community Cancer Centers (ACCC) Role: Co-Investigator	M. Smelzer (PI)	7/1/2017-12/31/2018 \$320,000 15% effort
University of Tennessee HSC Biostatistics, Epidemiology and Research Design (BERD) Unit Role: Co-Investigator	J. Gurney (PI)	9/1/2015-6/30/2018 \$143,000 10% effort
Common Table Health Alliance Healthy Shelby Hypertension Registry Role: Principal Investigator	Nolan (PI)	7/1/2015-6/30/2016 \$6,126
Methodist Healthcare Foundation Efficacy of the Comprehensive Sickle Cell Center at Methodist University Hospital Role: Principal Investigator	Nolan (PI)	10/1/2014-6/30/15 \$16,698
Baptist Foundation Sickle cell campaign Role: Principal Investigator	Nolan (PI)	5/1/13-9/30/14 \$89,894
NIH/NHLBI (T32 HL07501) Research training in blood diseases and resources Role: Pre-doctoral Fellow	A. Lerner (PI)	9/2004 – 8/2006

Submitted (Not funded)

Department of Defense Does Mild or Moderate Traumatic Brain Injury Increase Early-Onset Dementia Risk? Role: Site PI		\$46,294 (subaward) 10% effort
NIH R01 Midlife Sequelae of Concussion Role: Site PI		\$98,006 (subaward) 10% effort

US Department of Veterans Affairs Midlife Sequelae of Concussion Role: Co-investigator	\$83,081 (subaward)
NIH NCATS via University of Tennessee HSC iRISE - Institute for Research, Innovation, Synergy, and Health Equity – CTSA proposal Role: Co-Investigator	\$400,000 (subaward)
PCORI via St. Jude Children’s Research Hospital Pediatric-adult Overlap Care for Transitioning Young Adults with Sickle Cell Disease Role: Site Principal Investigator	\$107,142 (subaward)
NIH R21 Obesity disparities in young adults: A multi-ethnic/racial explanatory approach Role: Co-Investigator	\$378,676
NIH/NCI R03 Case-only study of interactions between genetic polymorphisms and nutrient intake and cardiovascular disease among survivors of childhood cancer Role: Principal Investigator	\$116,429
American Institute for Cancer Research (AICR) Case-only study of the interaction between genetic polymorphisms and nutrient intake and the occurrence of CVD among childhood cancer survivors Role: Principal Investigator	\$136,364
University of Memphis Neurocognitive outcomes among preterm infants that received parenteral nutrition Role: Principal Investigator	\$6,000
University of Memphis Prevalence of zinc deficiency and zinc intake among children with sickle cell anemia Role: Principal Investigator	\$6,000

PUBLICATIONS

1. Kramer R, Hayes R, **Nolan V**, Cotenoff C, Goodman A, Daley WR, Rubin C, Henderson A, Flanders WD, Smith N. Community needs assessment of lower Manhattan residents following the World Trade Center Attacks -- Manhattan, New York City, 2001. MMWR. 2002;51(Special Issue):10-3.
2. Saleh M, Vaillancourt JP, Graham RK, Huyck M, Srinivasula SM, Alnemri ES, Steinberg MH, **Nolan V**, Baldwin CT, Hotchkiss RS, Buchman TG, Zehnbauser BA, Hayden MR, Farrer LA, Roy S, Nicholson DW. Differential modulation of endotoxin responsiveness by human caspase-12 polymorphisms. Nature. 2004;429(6987):75-9.

3. Wyszynski DF, Baldwin CT, Cleves MA, Amirault Y, **Nolan VG**, Farrell JJ, Bisbee A, Kutlar A, Farrer LA, Steinberg MH. Polymorphisms near a chromosome 6q QTL area are associated with modulation of fetal hemoglobin levels in sickle cell anemia. *Cell Mol Biol*. 2004;50(1):23-33.
4. Wyszynski DF, **Nolan VG**. Feasibility of identifying families for genetic studies of birth defects using the National Health Interview Survey. *BMC Public Health*. 2004;4:16.
5. Baldwin C, **Nolan VG**, Wyszynski DF, Ma QL, Sebastiani P, Embury SH, Bisbee A, Farrell J, Farrer L, Steinberg MH. Association of klotho, bone morphogenetic protein 6, and annexin A2 polymorphisms with sickle cell osteonecrosis. *Blood*. 2005;106(1):372-5.
6. **Nolan VG**, Baldwin C, Ma Q, Wyszynski DF, Amirault Y, Farrell JJ, Bisbee A, Embury SH, Farrer LA, Steinberg MH. Association of single nucleotide polymorphisms in klotho with priapism in sickle cell anaemia. *Br J Haematol*. 2005;128(2):266-72.
7. **Nolan VG**, Wyszynski DF, Farrer LA, Steinberg MH. Hemolysis-associated priapism in sickle cell disease. *Blood*. 2005;106(9):3264-7.
8. Sebastiani P, Ramoni MF, **Nolan V**, Baldwin CT, Steinberg MH. Genetic dissection and prognostic modeling of overt stroke in sickle cell anemia. *Nat Genet*. 2005;37(4):435-40.
9. Wyszynski DF, Waterworth DM, Barter PJ, Cohen J, Kesaniemi YA, Mahley RW, McPherson R, Waeber G, Bersot TP, Sharma SS, **Nolan V**, Middleton LT, Sundseth SS, Farrer LA, Mooser V, Grundy SM. Relation between atherogenic dyslipidemia and the Adult Treatment Program-III definition of metabolic syndrome (Genetic Epidemiology of Metabolic Syndrome Project). *Am J Cardiol*. 2005;95(2):194-8.
10. Adewoye AH, **Nolan VG**, Ma Q, Baldwin C, Wyszynski DF, Farrell JJ, Farrer LA, Steinberg MH. Association of polymorphisms of IGF1R and genes in the transforming growth factor- beta /bone morphogenetic protein pathway with bacteremia in sickle cell anemia. *Clin Infect Dis*. 2006;43(5):593-8.
11. Klings ES, Wyszynski DF, **Nolan VG**, Steinberg MH. Abnormal pulmonary function in adults with sickle cell anemia. *Am J Respir Crit Care Med*. 2006;173(11):1264-9.
12. **Nolan VG**, Adewoye A, Baldwin C, Wang L, Ma Q, Wyszynski DF, Farrell JJ, Sebastiani P, Farrer LA, Steinberg MH. Sickle cell leg ulcers: associations with haemolysis and SNPs in Klotho, TEK and genes of the TGF-beta/BMP pathway. *Br J Haematol*. 2006;133(5):570-8.
13. Terry DF, Wyszynski DF, **Nolan VG**, Atzmon G, Schoenhofen EA, Pennington JY, Andersen SL, Wilcox MA, Farrer LA, Barzilai N, Baldwin CT, Asea A. Serum heat shock protein 70 level as a biomarker of exceptional longevity. *Mech Ageing Dev*. 2006;127(11):862-8.
14. Adewoye AH, **Nolan V**, McMahon L, Ma Q, Steinberg MH. Effectiveness of a dedicated day hospital for management of acute sickle cell pain. *Haematologica*. 2007;92(6):854-5.
15. **Nolan VG**, Ma Q, Cohen HT, Adewoye A, Rybicki AC, Baldwin C, Mahabir RN, Homan EP, Wyszynski DF, Fabry ME, Nagel RL, Farrer LA, Steinberg MH. Estimated glomerular filtration rate in sickle cell anemia is associated with polymorphisms of bone morphogenetic protein receptor 1B. *Am J Hematol*. 2007;82(3):179-84.

16. Sebastiani P, **Nolan VG**, Baldwin CT, Abad-Grau MM, Wang L, Adewoye AH, McMahon LC, Farrer LA, Taylor JGt, Kato GJ, Gladwin MT, Steinberg MH. A network model to predict the risk of death in sickle cell disease. *Blood*. 2007;110(7):2727-35.
17. Adams ER, **Nolan VG**, Andersen SL, Perls TT, Terry DF. Centenarian offspring: start healthier and stay healthier. *J Am Geriatr Soc*. 2008;56(11):2089-92.
18. **Nolan VG**, Zhang Y, Lash T, Sebastiani P, Steinberg MH. Association between wind speed and the occurrence of sickle cell acute painful episodes: results of a case-crossover study. *Br J Haematol*. 2008;143(3):433-8.
19. Sebastiani P, Wang L, **Nolan VG**, Melista E, Ma Q, Baldwin CT, Steinberg MH. Fetal hemoglobin in sickle cell anemia: Bayesian modeling of genetic associations. *Am J Hematol*. 2008;83(3):189-95.
20. Taylor JG VI, **Nolan VG**, Mendelsohn L, Kato GJ, Gladwin MT, Steinberg MH. Chronic hyper-hemolysis in sickle cell anemia: association of vascular complications and mortality with less frequent vasoocclusive pain. *PLoS One*. 2008;3(5):e2095.
21. Terry DF, **Nolan VG**, Andersen SL, Perls TT, Cawthon R. Association of longer telomeres with better health in centenarians. *J Gerontol A Biol Sci Med Sci*. 2008;63(8):809-12.
22. Ness KK, Morris EB, **Nolan VG**, Howell CR, Gilchrist LS, Stovall M, Cox CL, Klosky JL, Gajjar A, Neglia JP. Physical performance limitations among adult survivors of childhood brain tumors. *Cancer*. 2010;116(12):3034-44.
23. Green DM, **Nolan VG**, Kawashima T, Stovall M, Donaldson SS, Srivastava D, Leisenring W, Robison LL, Sklar CA. Decreased fertility among female childhood cancer survivors who received 22-27 Gy hypothalamic/pituitary irradiation: a report from the Childhood Cancer Survivor Study. *Fertil Steril*. 2011;95(6):1922-7, 7 e1.
24. Hudson MM, Ness KK, **Nolan VG**, Armstrong GT, Green DM, Morris EB, Spunt SL, Metzger ML, Krull KR, Klosky JL, Srivastava DK, Robison LL. Prospective medical assessment of adults surviving childhood cancer: study design, cohort characteristics, and feasibility of the St. Jude Lifetime Cohort study. *Pediatr Blood Cancer*. 2011;56(5):825-36.
25. Joyce ED, **Nolan VG**, Ness KK, Ferry RJ, Jr., Robison LL, Pui CH, Hudson MM, Kaste SC. Association of muscle strength and bone mineral density in adult survivors of childhood acute lymphoblastic leukemia. *Arch Phys Med Rehabil*. 2011;92(6):873-9.
26. Smith WA, **Nolan VG**, Robison LL, Hudson MM, Ness KK. Physical activity among cancer survivors and those with no history of cancer- a report from the National Health and Nutrition Examination Survey 2003-2006. *Am J Transl Res*. 2011;3(4):342-50.
27. Green DM, Cox CL, Zhu L, Krull KR, Srivastava DK, Stovall M, **Nolan VG**, Ness KK, Donaldson SS, Oeffinger KC, Meacham LR, Sklar CA, Armstrong GT, Robison LL. Risk factors for obesity in adult survivors of childhood cancer: a report from the Childhood Cancer Survivor Study. *J Clin Oncol*. 2012;30(3):246-55.

28. Kurt BA, **Nolan VG**, Ness KK, Neglia JP, Tersak JM, Hudson MM, Armstrong GT, Hutchinson RJ, Leisenring WM, Oeffinger KC, Robison LL, Arora M. Hospitalization rates among survivors of childhood cancer in the Childhood Cancer Survivor Study cohort. *Pediatr Blood Cancer*. 2012;59(1):126-32.
29. **Nolan VG**, Gapstur R, Gross CR, Desain LA, Neglia JP, Gajjar A, Klosky JL, Merchant TE, Stovall M, Ness KK. Sleep disturbances in adult survivors of childhood brain tumors. *Qual Life Res*. 2013;22(4):781-9.
30. Belfer I, Youngblood V, Darbari DS, Wang Z, Diaw L, Freeman L, Desai K, Dizon M, Allen D, Cunningham C, Channon KM, Milton J, Hartley SW, **Nolan V**, Kato GJ, Steinberg MH, Goldman D, Taylor JG VI. A GCH1 haplotype confers sex-specific susceptibility to pain crises and altered endothelial function in adults with sickle cell anemia. *Am J Hematol*. 2014;89(2):187-93.
31. Cox CL, **Nolan VG**, Leisenring W, Yasui Y, Ogg SW, Mertens AC, Neglia JP, Ness KK, Armstrong GT, Robison LL. Noncancer-related mortality risks in adult survivors of pediatric malignancies: the childhood cancer survivor study. *J Cancer Surviv*. 2014;8(3):460-71.
32. Green DM, **Nolan VG**, Goodman PJ, Whitton JA, Srivastava D, Leisenring WM, Neglia JP, Sklar CA, Kaste SC, Hudson MM, Diller LR, Stovall M, Donaldson SS, Robison LL. The cyclophosphamide equivalent dose as an approach for quantifying alkylating agent exposure: a report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*. 2014;61(1):53-67.
33. Guthikonda K, Zhang H, **Nolan VG**, Soto-Ramirez N, Ziyab AH, Ewart S, Arshad HS, Patil V, Holloway JW, Lockett GA, Karmaus W. Oral contraceptives modify the effect of GATA3 polymorphisms on the risk of asthma at the age of 18 years via DNA methylation. *Clin Epigenetics*. 2014;6(1):17.
34. Kirby J*, Dolendo M, Guimera D, Castillo C, Johnson KM, Mzayek F, **Nolan VG**, Relyea G, Caniza MA. Predictors of wait-time for antibiotic initiation and association of wait-time with hospital length of stay and ICU admission among children with cancer at the Southern Philippines Medical Center. *Pediatr Blood Cancer*. 2014;61(4):680-6.
35. **Nolan VG**, Krull KR, Gurney JG, Leisenring W, Robison LL, Ness KK. Predictors of future health-related quality of life in survivors of adolescent cancer. *Pediatr Blood Cancer*. 2014;61(10):1891-4.
36. Pourcyrus M, **Nolan VG**, Goodwin A, Davis SL, Buddington RK. Fecal short-chain fatty acids of very-low-birth-weight preterm infants fed expressed breast milk or formula. *J Pediatr Gastroenterol Nutr*. 2014;59(6):725-31.
37. Berding K, Makarem P, Hance B, Axel AM, **Nolan V**, Buddington KK, Buddington RK. Responses of Preterm Pigs to an Oral Fluid Supplement During Parenteral Nutrition. *J Parenter Enteral Nutr*. 2016. 2014;59(6):725-31
38. **Nolan VG**, Nottage KA, Cole EW*, Hankins JS, Gurney JG. Prevalence of vitamin D deficiency in sickle cell disease: a systematic review. *PLoS One*. 2015;10(3):e0119908.
39. Smeltzer MP*, **Nolan VG**, Yu X, Nottage KA, Wang WC, Hankins JS, Gurney JG. Distance from an urban sickle cell center and its effects on routine healthcare management and rates of hospitalization. *Hemoglobin*. 2016; 40(1):10-5

40. Smeltzer MP*, **Nolan VG**, Yu X, Nottage KA, Davis BA, Yang Y, Wang WC, Gurney JG, Hankins JS. Birth prevalence of sickle cell trait and sickle cell disease in Shelby County, TN. *Pediatr Blood Cancer*. 2016;63(6):1054-9
41. Zachary AH, **Nolan VG**, Billingsby SK*, Slaughter SK. Infant positioning, baby gear use, and cranial asymmetry. *Matern Child Health J*. 2017;21(12):2229-2236
42. Amoah DK*, **Nolan V**, Relyea G, Gurney JG, Yu X, Tylavsky FA, Mzayek F. Factors associated with residential mobility during pregnancy. *Women Health*. 2017;18:1-12
43. **Nolan VG**, Arnold SR, Bramley AM, Ampofo K, Williams DK, Grijalva CG, Self WH, Anderson EJ, Wunderink RG, Edwards KE, Pavia AT, Jain S, McCullers JA. The etiology and impact of co-infections in children hospitalized with community-acquired pneumonia. *J Infect Dis* 2018;218(2):179-188
44. **Nolan VG**, Anderson SM, Smeltzer MP, Porter JS, Carroll YM, Brooks IM, Elmagboul N, Gurney JG, Hankins JS. Pediatric to Adult Care Co-location Transitional Model for Youth with Sickle Cell Disease. *Am J Hematol*. 2018 93(1):E30-32
45. Olinger C, Carver DC, **Nolan VG**, Weinlein J. The effect of under dosing prophylactic antibiotics in the care of open tibial fractures. *J Ortho Trauma*. 2018;32(7):322-326
46. Liu W*, Cheung YT, Brinkman TM, Banerjee P, Srivastava D, **Nolan VG**, Zhang H, Gurney JG, Pui CH, Robison LL, Hudson MM, Krull KR. Behavioral symptoms and psychiatric disorders in child and adolescent long-term survivors of childhood acute lymphoblastic leukemia treated with chemotherapy only. *Psychooncology*. 2018;27(6):1597-1607
47. Liu W*, Cheung Y, Brinkman TM, Banerjee P, Srivastava D, **Nolan VG**, Zhang H, Gurney JGG, Pui C, Robison LL, Hudson MM, Krull KR. Evolution of Neurocognitive Function in Long-term Survivors of Childhood ALL Treated with Chemotherapy Only. *J Cancer Surviv*. 2018;12(3):398-406
48. Agarwal MA, Mahek S, **Nolan VG**, Reed GL, Oudiz RJ, Choudhary G, Maron BA. Association between Pulmonary Hypertension and Clinical Outcomes in Hospitalized Patients with Sickle Cell Disease. *Am J Respir Crit Care Med* 2018;198(4): 534-537

MANUSCRIPTS ACCEPTED/UNDER REVIEW

49. Sawyer JR, Hartline JT, **Nolan VG**, Sheffer BW, Spence D, Warner WC, Kelly DM. Operating Room (OR) Personnel Factors Determine the Efficiency for Spinal Fusions for Adolescent Idiopathic Scoliosis (AIS): Does the Surgeon Influence This? *Spine Deform* [Accepted minor revisions]
50. Sheffer BW, Kelly DM, Spence DD, Walker KL, Westbrooks TJ, Palm PH, **Nolan VG**, Sawyer JR. Can Pediatric Orthopaedic Surgery Be Done Safely in a Freestanding Ambulatory Surgery Center? Review of 3,780 Cases. *J Pediatr Orthop* [Under review]
51. Borja-Hard N, Cooper-Dehoff R, Graff JC, **Nolan VG**, Wang J, Ancheta I. Atherosclerotic cardiovascular

disease risk assessment and predictors of statin use in Filipino American Women. J Clin Pharm Ther [Under review]

52. Wang L*, Chernov C, **Nolan V**, Perlman S, Relyea G, Mzayek F, Gwynn C. Predictors of high allostatic load in New York City residents, NYC HANES 2013-14. Am J Public Health [Under review]
53. Mitchell A, Stevens W*, **Nolan VG**. Do Beliefs about Knowledge Explain Occupational Therapy Students' Critical Thinking? A Longitudinal Study. Learn Individ Diff [Under review]
54. Quareshi A, Liang D, Rooney R, **Nolan V**, Andrew Schwaderer, Hains DS. DCHS1 DNA Copy Number Loss Associated with Pediatric UTI Risk. Pediatr Res [Under review]
55. Chambers JS, Reed LF, **Nolan VG**, Howell KE*, Mascioli AA. Complications in Over 1000 Outpatient Ambulatory Surgery Center Joint Arthroplasty Procedures. Journal of Arthroplasty [Under review]
56. Saulsberry AC, Hodges J, Podila P, **Nolan VG**, Anderson S, Cole A, Carroll Y, Wang WC, Lavoie P, Jones S, Hamilton L, Barker PJ, Johnson M, Matthews C, Conard-Stafford T, Owens C, Henry A, Schreiber S, Porter J, Hankins JS. Health care transitions embedded in a medical home for youth with sickle cell disease. Pediatrics [Under Review]
57. Tweedie, JL, Garcia AEF, **Nolan VG**, Gomez O, Donohoe D, Johnson JG. Campylobacter infection of young children in Colombia and its impact on the gastrointestinal tract environment. PLOS Neglected Tropical Diseases [Under Review]

IN PROGRESS

58. Liu W*, Brinkman TM, Kahn R, Banarjee P, Lewis W, Sadighi Z, Folse T, Srivastava D, **Nolan VG**, Zhang H, Gurney JG, Pui C, Robison LL, Hudson MM, Krull KR. Feasibility and Efficacy of Transcranial Direct Current Stimulation and Cognitive Training in Adult Survivors of Childhood Acute Lymphoblastic Leukemia: A Phase II Study. J Natl Cancer Inst
59. Williams H*, Howell CR, Chemaitilly W, Wilson CL, Karol SE, **Nolan VG**, Smeltzer M, Green DM, Ehrhardt MJ, Mulrooney DA, Pui C, Hudson MM, Robison LL, Ness KK. Diabetes Mellitus among adult survivors of childhood acute lymphoblastic leukemia: A report from the St. Jude Lifetime Cohort Study. JAMA Oncology
60. Kiene A, Morelli A, McCoy E, Joshi V, Yohannan T, Naik R, **Nolan VG**, Paudel G. Feasibility and effectiveness of the machine-based built-in protocol for the echocardiographic evaluation of the patients with heart failure and/or cardiomyopathy
61. Kelly DM, Sheffer BW, **Nolan VG**, Sawyer JR, Spence DD, Elrod R, Piana L, Pattisapu N, Warner Jr. WC, Beaty JH, Infection Rate After Open Fractures in Pediatric Patients: A Study of Data From 11 Years.
62. Delgado Ramos GM, Nasir SS, Wang J, **Nolan VG**, Schwartzberg L. Real World Evaluation of Effectiveness and Tolerance of Chemotherapy for Early Stage Breast Cancer (ESBC) in Elderly Women.
63. Martin BD, Kelly DM, **Nolan VG**, Matthews A, Flournory J, Kim HKW. Does Participation in A Multicenter Study Group Affect Physician Treatment Preference?

64. Mukherjee N*, **Nolan VG**, Dunn JR, Banerjee P. Sources of Human Infection by Salmonella Enterica Serotype Javiana: A Systematic Review.

PRESENTATIONS

1. **Nolan VG**, Baldwin C, Wyszynski DF, Amirault Y, Farrell J, Bisbee A, Gavras H, Gallagher D, Farrer L, Steinberg M. "Association of polymorphisms in genes affecting vascular function with sickle cell avascular necrosis" Presented at 27th annual meeting of the National Sickle Cell Program in Los Angeles, CA, April 2004
2. **Nolan VG**, Sebastiani P, Baldwin CT, Wyszynski DF, Ma Q, Farrell JJ, Bisbee A, Sebastiani P, Farrer LA, Steinberg MH. "Modeling Genetic polymorphisms and Sickle Cell Associated Vasoocclusive Events Using Classification and Regression Trees" Presented at the 28th annual meeting of the National Sickle Cell Program in Covington, KY, April 2005
3. **Nolan VG**, Adewoye AH, Baldwin CT, Wyszynski DF, Ma Q, Farrell JJ, Bisbee A, Sebastiani P, Farrer LA, Steinberg MH, "Association of Polymorphisms of Insulin-like Growth Factor 1 Receptor (IGF1R) with Sickle Cell Bacteremia" Presented at the 29th annual meeting of the National Sickle Cell Program in Memphis, TN April 2006
4. **Nolan VG**, Sebastiani P, Steinberg MH. Modeling Genetic Polymorphisms and Sickle Cell Associated Vasoocclusive Events Using Classification and Regression Trees (CART) and Random Forrest (RF). In Am J Epidemiol. Supplement: Proceedings of the 40th Society for Epidemiologic Research Annual Meeting. 165:11.

PUBLISHED ABSTRACTS

1. Steinberg MH, Baldwin C, Wyszynski D, **Nolan V**, Amirault Y, Farrell J, Bisbee A, Gavras H, Farrer L, Adams R, Gallagher D, Iyer R, Bigelow, C. Stroke in sickle cell anemia: Association with single nucleotide polymorphisms in genes affecting vascular function. Blood. (ASH Annual Meeting Abstracts) 2003;102(11):119A
2. Steinberg MH, **Nolan V**, Baldwin C., Wyszynski D, Amirault Y, Bisbee A. Gavras H, Farrer L, Adams R, Gallagher D, Iyer R, Bigelow C. Association of polymorphisms in genes of the transforming growth factor-beta pathway with sickle cell osteonecrosis. Blood. (ASH Annual Meeting Abstracts) 2003;102(11):262A-263A
3. Steinberg MH, Wyszynski D, Baldwin C, Cleves M, Amirault Y, **Nolan V**, Farrell J, Bisbee A, Kutlar A, Farrer, L. Fetal hemoglobin in sickle cell anemia: Association with polymorphisms in elements modulating HbF expression. Blood. (ASH Annual Meeting Abstracts) 2003;102(11):122A
4. **Nolan VG**, Baldwin C, Ma Q, Wyszynski DF, Farrell JJ, Bisbee A, Farrer LA, Steinberg MH. Association of single nucleotide polymorphisms in Klotho with priapism in sickle cell anemia. Blood. (ASH Annual Meeting Abstracts) 2004;104:1673.
5. Rybicki AC, **Nolan VG**, Baldwin CT, Wyszynski DF, Steinberg MH, Fabry ME, Nagel RL. Single nucleotide polymorphisms (SNPs) in human homologs of genes up-regulated in the Kidney of S+S- Antilles transgenic mice. Blood. (ASH Annual Meeting Abstracts) 2004;104:3584.

6. Sebastiani P, Ramoni MF, **Nolan V**, Baldwin CT, Steinberg MH. Multigenic dissection and prognostic modeling of overt stroke in sickle cell anemia. Blood. (ASH Annual Meeting Abstracts) 2004;104:1655.
7. **Nolan VG**, Sebastiani P, Baldwin C, Wyszynski DF, Farrer LA, Steinberg MH. Modeling genetic polymorphisms and sickle cell associated vasoocclusive events using classification and regression trees (CART). Ann Epidemiol. 2005;15(8):644
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* Indicates student publication