

November 2018

**CURRICULUM VITAE**  
**Yvette P Conley**  
**University of Pittsburgh**

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**EDUCATION and TRAINING**

**Undergraduate**

4/1989 Florida Atlantic University BA  
Boca Raton, FL Biology

**Graduate**

8/1993 University of Pittsburgh MS  
Pittsburgh, PA Genetic Counseling

4/1999 University of Pittsburgh PhD  
Pittsburgh, PA Human Genetics

**Postgraduate**

1999 - 2000 University of Pittsburgh Molecular Genetics  
Pittsburgh, PA

**APPOINTMENTS and POSITIONS**

**Academic**

2013 – Present School of Nursing Professor (with tenure)  
University of Pittsburgh

2013 - Present School of Nursing Vice Chair for Research  
University of Pittsburgh

2014 – Present Graduate School of Public Health, Professor (Secondary  
Department of Human Genetics Appointment)  
University of Pittsburgh

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		November 2018
2013 – Present	Clinical and Translational Science Institute, University of Pittsburgh	Professor (Secondary Appointment)
2007 - 2013	School of Nursing University of Pittsburgh	Associate Professor (with tenure)
2007 - 2014	Graduate School of Public Health, Department of Human Genetics University of Pittsburgh	Associate Professor (Secondary Appointment)
2000 - 2007	School of Nursing University of Pittsburgh	Assistant Professor
2000 - 2007	Graduate School of Public Health, Department of Human Genetics University of Pittsburgh	Assistant Professor (Secondary Appointment)
1989 - 1999	Graduate School of Public Health, Department of Human Genetics University of Pittsburgh	Full-time laboratory supervisor and senior technician for molecular genetics laboratory while attending graduate school part time

**Non-Academic**

2002 – Present	National Institute of Nursing Research Summer Genetics Institute	Faculty
2009 – 2013	NIH; Nursing and Related Clinical Sciences (NRCS) Study Section	Regular Member
2013	Member of National Institute of Nursing Research Scientific Director Search Committee – Scientific Director appointed	
2013 – Present	National Institute of Nursing Research Genomic Nursing Science Blueprint Workgroup	
2013 and 2016	NIH; National Institute of Nursing Research Intramural Review Committee	

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2014 – 2016	Member of Council for the Advancement of Nursing Science Advisory Committee for PhD Curriculum Development (IFAC)	Co-Chair for Omics working group
2014 – Present	National Institute of Nursing Research/ National Human Genome Research Institute; Genome Research Consortium Workgroup	Co-Chair
2017 – 2021	National Advisory Council for Nursing Research, National Institutes of Health	Appointed Member

### **MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES**

1991 - Present	Member, American Society of Human Genetics
2000 - Present	Member, International Society of Nurses in Genetics
2006 - 2009	Appointed Member, American Society of Human Genetics Information and Education Committee
2006 - Present	Member, Council for the Advancement of Nursing Science

### **HONORS and AWARDS**

1999	Outstanding Student Award, University of Pittsburgh, Graduate School of Public Health
2003	Chancellor's Innovation in Education Award University of Pittsburgh
2004	Provost's Diversity Seminar Fellow University of Pittsburgh
2006	Dean's Distinguished Teaching Award University of Pittsburgh School of Nursing
2007	University of Pittsburgh Innovator Award
2008	University of Pittsburgh Innovator Award
2008	International Society of Nurses in Genetics President's Award
2010	University of Pittsburgh Innovator Award
2011	Honorary Alumni Award University of Pittsburgh School of Nursing
2015	Distinguished Alumni Award for Teaching and Dissemination University of Pittsburgh Graduate School of Public Health
2015	International Society of Nurses in Genetics Founders Award Genomic Nursing Research
2016	Honorary Fellow in the American Academy of Nursing
2017	University of Pittsburgh Innovator Award

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## PUBLICATIONS

### Peer-reviewed Publications

1. Deyo AM, Matisse TC, Perry YM, Ferrell RE. Chromosome 13 and chromosome 2 (CA)<sub>n</sub> polymorphisms. *Human molecular genetics*. 1994 Feb; 3 (2):380. PMID: 8004114.
  2. Finegold DN, Armitage MM, Galiani M, Matisse TC, Pandian MR, Perry YM, Deka R, Ferrell RE. Preliminary localization of a gene for autosomal dominant hypoparathyroidism to chromosome 3q13. *Pediatric research*. 1994 Sep; 36 (3):414-7. PMID: 7808841.
  3. Johnson K, Mintz-Hittner HA, Conley YP, Ferrell RE. X-linked exudative vitreoretinopathy caused by an arginine to leucine substitution (R121L) in the Norrie disease protein. *Clinical genetics*. 1996 Sep; 50 (3):113-5. PMID: 8946107.
  4. AbuRahma AF, Khan JH, Robinson PA, Saiedy S, Short YS, Boland JP, White JF, Conley Y. Prospective randomized trial of carotid endarterectomy with primary closure and patch angioplasty with saphenous vein, jugular vein, and polytetrafluoroethylene: perioperative (30-day) results. *Journal of vascular surgery*. 1996 Dec; 24 (6):998-1006; discussion 1006-7. PMID: 8976353.
  5. Conley YP, Erturk D, Keveline A, Mah TS, Keravala A, Barnes LR, Bruchis A, Hess JF, FitzGerald PG, Weeks DE, Ferrell RE, Gorin MB. A juvenile-onset, progressive cataract locus on chromosome 3q21-q22 is associated with a missense mutation in the beaded filament structural protein-2. *American journal of human genetics*. 2000 Apr; 66 (4):1426-31. PMCID: PMC1288209. PMID: 10729115.
  6. Weeks DE, Conley YP, Mah TS, Paul TO, Morse L, Ngo-Chang J, Dailey JP, Ferrell RE, Gorin MB. A full genome scan for age-related maculopathy. *Human molecular genetics*. 2000 May 22; 9 (9):1329-49. PMID: 10814715.
  7. Conley YP, Finegold DN, Peters DG, Cook JS, Oppenheim DS, Ferrell RE. Three novel activating mutations in the calcium-sensing receptor responsible for autosomal dominant hypocalcemia. *Molecular genetics and metabolism*. 2000 Dec; 71 (4):591-8. PMID: 11136551.
  8. Weeks DE, Conley YP, Tsai HJ, Mah TS, Rosenfeld PJ, Paul TO, Eller AW, Morse LS, Dailey JP, Ferrell RE, Gorin MB. Age-related maculopathy: an expanded genome-wide scan with evidence of susceptibility loci within the 1q31 and 17q25 regions. *American journal of ophthalmology*. 2001 Nov; 132 (5):682-92. PMID: 11704029.
  9. Conley YP, Finegold DN. Exploring calcium level disorders. Looking through the genetic window for new treatment clues. *AWHONN lifelines / Association of Women's Health, Obstetric and Neonatal Nurses*. 2002; 6 (5):424-9. PMID: 12420385.
  10. Weeks DE, Conley YP, Ferrell RE, Mah TS, Gorin MB. A tale of two genotypes: consistency between two high-throughput genotyping centers. *Genome research*. 2002 Mar; 12 (3):430-5. PMCID: PMC155285. PMID: 11875031.
  11. Schmidt S, Klaver C, Saunders A, Postel E, De La Paz M, Agarwal A, Small K, Udar
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- N, Ong J, Chalukya M, Nesburn A, Kenney C, Domurath R, Hogan M, Mah T, Conley Y, Ferrell R, Weeks D, de Jong PT, van Duijn C, Haines J, Pericak-Vance M, Gorin M. A pooled case-control study of the apolipoprotein E (APOE) gene in age-related maculopathy. *Ophthalmic genetics*. 2002 Dec; 23 (4):209-23. PMID: 12567264.
12. Conley YP, Gorin MB. The genetics of age-related macular degeneration. *Medsurg nursing : official journal of the Academy of Medical-Surgical Nurses*. 2003 Aug; 12 (4):238-41, 259. PMID: 14515603.
  13. Telmer CA, Retchless AC, Kinsey AD, Conley Y, Rigatti B, Gorin MB, Jarvik JW, Retchless AR. Detection and assignment of mutations and minihaplotypes in human DNA using peptide mass signature genotyping (PMSG): application to the human RDS/peripherin gene. *Genome research*. 2003 Aug; 13 (8):1944-51. PMCID: PMC403787. PMID: 12902384.
  14. Conley YP, Brockway H, Beatty M, Kerr ME. Qualitative and quantitative detection of mitochondrial heteroplasmy in cerebrospinal fluid using denaturing high-performance liquid chromatography. *Brain research. Brain research protocols*. 2003 Oct; 12 (2):99-103. PMID: 14613811.
  15. Manthei ER, Siminerio LM, Conley Y, Charron-Prochownik D, Feathers AS, Charles B, Dorman JS. Genetics and type 1 diabetes: online resources for diabetes educators. *The Diabetes educator*. 2004; 30 (6):961-71. PMID: 15641617.
  16. Weeks DE, Conley YP, Tsai HJ, Mah TS, Schmidt S, Postel EA, Agarwal A, Haines JL, Pericak-Vance MA, Rosenfeld PJ, Paul TO, Eller AW, Morse LS, Dailey JP, Ferrell RE, Gorin MB. Age-related maculopathy: a genomewide scan with continued evidence of susceptibility loci within the 1q31, 10q26, and 17q25 regions. *American journal of human genetics*. 2004 Aug; 75 (2):174-89. PMCID: PMC1216053. PMID: 15168325.
  17. Conley YP, Steele AM, Puskar KR. Genetic susceptibility to psychiatric disorders. *Medsurg nursing : official journal of the Academy of Medical-Surgical Nurses*. 2004 Oct; 13 (5):319-25. PMID: 15587131.
  18. Baysal BE, DeLoia JA, Willett-Brozick JE, Goodman MT, Brady MF, Modugno F, Lynch HT, Conley YP, Watson P, Gallion HH. Analysis of CHEK2 gene for ovarian cancer susceptibility. *Gynecologic oncology*. 2004 Oct; 95 (1):62-9. PMID: 15385111.
  19. Conley YP, Thalamuthu A, Jakobsdottir J, Weeks DE, Mah T, Ferrell RE, Gorin MB. Candidate gene analysis suggests a role for fatty acid biosynthesis and regulation of the complement system in the etiology of age-related maculopathy. *Human molecular genetics*. 2005 Jul 15; 14 (14):1991-2002. PMID: 15930014.
  20. Fisher SA, Abecasis GR, Yashar BM, Zarepari S, Swaroop A, Iyengar SK, Klein BE, Klein R, Lee KE, Majewski J, Schultz DW, Klein ML, Seddon JM, Santangelo SL, Weeks DE, Conley YP, Mah TS, Schmidt S, Haines JL, Pericak-Vance MA, Gorin MB, Schulz HL, Pardi F, Lewis CM, Weber BH. Meta-analysis of genome scans of age-related macular degeneration. *Human molecular genetics*. 2005 Aug 1; 14 (15):2257-64. PMID: 15987700.
  21. Jakobsdottir J, Conley YP, Weeks DE, Mah TS, Ferrell RE, Gorin MB. Susceptibility genes for age-related maculopathy on chromosome 10q26. *American journal of human genetics*. 2005 Sep; 77 (3):389-407. PMCID: PMC1226205. PMID: 16080115.
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22. Driscoll CJ, Cashion AK, Hathaway DK, Thompson C, Conley Y, Gaber O, Vera S, Shokouh-Amiri H. Posttransplant diabetes mellitus in liver transplant recipients. *Progress in transplantation* (Aliso Viejo, Calif.). 2006 Jun; 16 (2):110-6. PMID: 16789699.
  23. Conley YP, Jakobsdottir J, Mah T, Weeks DE, Klein R, Kuller L, Ferrell RE, Gorin MB. CFH, ELOVL4, PLEKHA1 and LOC387715 genes and susceptibility to age-related maculopathy: AREDS and CHS cohorts and meta-analyses. *Human molecular genetics*. 2006 Nov 1; 15 (21):3206-18. PMID: 17000705.
  24. Driscoll CJ, Cashion AK, Hathaway DK, Thompson C, Conley Y, Riely C, Xu L, Homayouni R. Blood gene expression profiling in liver transplant recipients with hepatitis C virus and posttransplantation diabetes mellitus. *Transplantation proceedings*. 2006 Dec; 38 (10):3646-8. PMCID: PMC1847576. PMID: 17175356.
  25. Conley YP, Tinkle MB. The future of genomic nursing research. *Journal of nursing scholarship : an official publication of Sigma Theta Tau International Honor Society of Nursing / Sigma Theta Tau*. 2007; 39 (1):17-24. PMID: 17393961.
  26. Rodway GW, Sethi JM, Hoffman LA, Conley YP, Choi AM, Sereika SM, Zullo TG, Ryter SW, Sanders MH. Hemodynamic and molecular response to intermittent hypoxia (IH) versus continuous hypoxia (CH) in normal humans. *Translational research : the journal of laboratory and clinical medicine*. 2007 Feb; 149 (2):76-84. PMID: 17240318.
  27. Wagner AK, Ren D, Conley YP, Ma X, Kerr ME, Zafonte RD, Puccio AM, Marion DW, Dixon CE. Sex and genetic associations with cerebrospinal fluid dopamine and metabolite production after severe traumatic brain injury. *Journal of neurosurgery*. 2007 Apr; 106 (4):538-47. PMID: 17432702.
  28. Alexander S, Kerr ME, Kim Y, Kamboh MI, Beers SR, Conley YP. Apolipoprotein E4 allele presence and functional outcome after severe traumatic brain injury. *Journal of neurotrauma*. 2007 May; 24 (5):790-7. PMID: 17518534.
  29. Barr TL, Conley YP. Poly(ADP-ribose) polymerase-1 and its clinical applications in brain injury. *The Journal of neuroscience nursing : journal of the American Association of Neuroscience Nurses*. 2007 Oct; 39 (5):278-84. PMID: 17966294.
  30. Jakobsdottir J, Conley YP, Weeks DE, Ferrell RE, Gorin MB. C2 and CFB genes in age-related maculopathy and joint action with CFH and LOC387715 genes. *PloS one*. 2008; 3 (5):e2199. PMCID: PMC2374901. PMID: 18493315.
  31. Founds SA, Dorman JS, Conley YP. Microarray technology applied to the complex disorder of preeclampsia. *Journal of obstetric, gynecologic, and neonatal nursing : JOGNN / NAACOG*. 2008; 37 (2):146-57. PMID: 18336438.
  32. Barr TL, Alexander S, Conley Y. Gene expression profiling for discovery of novel targets in human traumatic brain injury. *Biol Res Nurs*. 2011 Apr; 13(2):140-53. PMID:21112922
  33. Sarnaik AA, Conley YP, Clark RS. Susceptibility to meningococcal infection--nature versus nurture? *Pediatr Crit Care Med* Sep 2008; 9(5): 540-2.
  34. Alexander SA, Kerr ME, Balzer J, Horowitz M, Kassam A, Kim Y, Hoffman L, Conley YP. Cerebrospinal fluid apolipoprotein E, calcium and cerebral vasospasm after subarachnoid hemorrhage. *Biological research for nursing*. 2008 Oct; 10 (2):102-12. PMID: 18829593.
  35. Founds SA, Conley YP, Lyons-Weiler JF, Jeyabalan A, Hogge WA, Conrad KP.
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- Altered global gene expression in first trimester placentas of women destined to develop preeclampsia. *Placenta*. 2009 Jan; 30 (1):15-24. PMID: PMC2667803. PMID: 19027158.
36. Jakobsdottir J, Gorin MB, Conley YP, Ferrell RE, Weeks DE. Interpretation of genetic association studies: markers with replicated highly significant odds ratios may be poor classifiers. *PLoS genetics*. 2009 Feb; 5 (2):e1000337. PMID: PMC2629574. PMID: 19197355.
  37. Alexander SA, Poloyac SM, Hoffman LA, Gallek M, Ren D, Balzer JR, Kassam AB, Conley YP. Endothelial Nitric Oxide Synthase Tagging Single Nucleotide Polymorphisms and Recovery From Aneurysmal Subarachnoid Hemorrhage. *Biological Research Nursing*. 2009 Jul; 11 (1):42-52. PMID: 19419976.
  38. Dungan JR, Conley YP, Langae TY, Johnson JA, Kneipp SM, Hess PJ, Yucha CB. Altered beta-2 adrenergic receptor gene expression in human clinical hypertension. *Biological research for nursing*. 2009 Jul; 11 (1):17-26. PMID: PMC2805083. PMID: 19254913.
  39. Conley YP. Genetics and genomics in nursing research. *Biological research for nursing*. 2009 Jul; 11 (1):5-6. PMID: 19546130.
  40. Alexander S, Poloyac S, Hoffman L, Gallek M, Dianxu Ren, Balzer J, Kassam A, Conley Y. Endothelial nitric oxide synthase tagging single nucleotide polymorphisms and recovery from aneurysmal subarachnoid hemorrhage. *Biological research for nursing*. 2009 Jul; 11 (1):42-52. PMID: PMC2938012. PMID: 19419976.
  41. Conley YP, Mukherjee A, Kammerer C, DeKosky ST, Kamboh MI, Finegold DN, Ferrell RE. Evidence supporting a role for the calcium-sensing receptor in Alzheimer disease. *American Journal of Medical Genetics. Part B, Neuropsychiatric Genetics : The Official Publication of The International Society of Psychiatric Genetics*. 2009 Jul 5; 150 (5):703-9. PMID: PMC3062902. PMID: 19035514. doi: 10.1002/ajmg.b.30896.
  42. Founds SA, Conley YP, Lyons-Weiler J, Jeyabalan JF, Hogge WA, Conrad KP. Altered global gene expression in first trimester placentas of women destined to develop preeclampsia. *Placenta*. 2009 Nov; 30 (1):15-24. PMID: 19027158.
  43. Miller MA, Conley YP, Scanlon JM, Ren D, Ilyas Kamboh M, Niyonkuru C, Wagner AK. APOE genetic associations with seizure development after severe traumatic brain injury. *Brain Injury* 24. 2010; 1468-1477.
  44. Sarnaik AA, Conley YP, Okonkwo DO, Barr TL, Fink EL, Szabo C, Kochanek PM, Clark RS. Influence of PARP-1 polymorphisms in patients after traumatic brain injury. *Journal of neurotrauma*. 2010 Mar; 27 (3):465-71. PMID: PMC2867630. PMID: 19925161.
  45. Davies MA, Conley Y, Puskar K. Incorporating evidence from pharmacologic and pharmacogenetic studies of atypical antipsychotic drugs into advanced psychiatric nursing practice. *Perspectives in psychiatric care*. 2010 Apr; 46 (2):98-107. PMID: 20377797.
  46. Chen W, Stambolian D, Edwards AO, Branham KE, Othman M, Jakobsdottir J, Tosakulwong N, Pericak-Vance MA, Campochiaro PA, Klein ML, Tan PL, Conley YP, Kanda A, Kopplin L, Li Y, Augustaitis KJ, Karoukis AJ, Scott WK, Agarwal A, Kovach JL, Schwartz SG, Postel EA, Brooks M, Baratz KH, Brown WL, Complications of Age-Related Macular Degeneration Prevention Trial Research
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- Group, Brucker AJ, Orlin A, Brown G, Ho A, Regillo C, Donoso L, Tian L, Kaderli B, Hadley D, Hagstrom SA, Peachey NS, Klein R, Klein BE, Gotoh N, Yamashiro K, Ferris Iii F, Fagerness JA, Reynolds R, Farrer LA, Kim IK, Miller JW, Cortón M, Carracedo A, Sanchez-Salorio M, Pugh EW, Doheny KF, Brion M, Deangelis MM, Weeks DE, Zack DJ, Chew EY, Heckenlively JR, Yoshimura N, Iyengar SK, Francis PJ, Katsanis N, Seddon JM, Haines JL, Gorin MB, Abecasis GR, Swaroop A. Genetic variants near TIMP3 and high-density lipoprotein-associated loci influence susceptibility to age-related macular degeneration. *Proceedings of the National Academy of Sciences of the United States of America*. 2010 Apr 20; 107 (16):7401-6. PMID: 20385819.
47. Chuang PY, Conley YP, Poloyac SM, Okonkwo DO, Ren D, Sherwood PR, Hravnak M, Alexander SA. Neuroglobin genetic polymorphisms and their relationship to functional outcomes after traumatic brain injury. *Journal of Neurotrauma*. 2010 Jun; 27 (6):999-1006. PMID: 20345238. doi: 10.1089/neu.2009.1129.
48. Soliday FK, Conley YP, Henker R. Pseudocholinesterase deficiency: a comprehensive review of genetic, acquired, and drug influences. *AANA journal*. 2010 Aug; 78 (4):313-20. PMID: 20879632.
49. Wagner AK, Miller MA, Scanlon J, Ren D, Kochanek PM, Conley YP. Adenosine A1 receptor gene variants associated with post-traumatic seizures after severe TBI. *Epilepsy research*. 2010 Aug; 90 (3):259-72. PMID: 20609566.
50. Hoh NZ, Wagner AK, Alexander SA, Clark RB, Beers SR, Okonkwo DO, Ren D, Conley YP. BCL2 genotypes: functional and neurobehavioral outcomes after severe traumatic brain injury. *Journal of neurotrauma*. 2010 Aug; 27 (8):1413-27. PMID: 20504155.
51. Barr TL, Conley Y, Ding J, Dillman A, Warach S, Singleton A, Matarin M. Genomic biomarkers and cellular pathways of ischemic stroke by RNA gene expression profiling. *Neurology*. 2010 Sep 14; 75 (11):1009-14. PMID: 20837969.
52. Founds S, Fallert-Junecko B, Reinhart TA, Conley YP, Parks WT. LAIR2 localizes specifically to sites of extravillous trophoblast invasion. *Placenta*. 2010 Oct; 31 (10):880-5. PMID: 20692035.
53. Founds S, Terhorst L, Conrad KP, Hogge WA, Jeyabalan A, Conley YP. Gene Expression in First Trimester Preeclampsia Placenta. *Biological Nursing Research*. 2011; 13 (2):134-139.
54. Charles BA, Conley YP, Chen G, Miller RG, Dorman JS, Gorin MB, Ferrell RE, Sereika SM, Rotimi CN, Orchard TJ. Variants of the adenosine A(2A) receptor gene are protective against proliferative diabetic retinopathy in patients with type 1 diabetes. *Ophthalmic research*. 2011; 46 (1):1-8. PMID: 21088442.
55. Chiu CJ, Conley YP, Gorin MB, Gensler G, Lai CQ, Shang F, Taylor A. Associations between genetic polymorphisms of insulin-like growth factor axis genes and risk for age-related macular degeneration. *Investigative ophthalmology & visual science*. 2011; 52 (12):9099-107. PMID: 22058336.
56. Chiu CJ, Conley YP, Gorin MB, Gensler G, Lai CQ, Shang F, Taylor A. Associations
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- between genetic polymorphisms of insulin-like growth factor axis genes and risk for age-related macular degeneration. *Investigative ophthalmology & visual science*. 2011; 52 (12):9099-107. PMID: 22058336.
57. Baumgartel K, Zelazny J, Timcheck T, Snyder C, Bell M, Conley YP. Molecular genomic research designs. *Annual review of nursing research*. 2011; 29:1-26. PMID: 22891496.
  58. Davies MA, Conley Y, Roth BL. Functional SNPs in genes encoding the 5-HT<sub>2A</sub> receptor modify the affinity and potency of several atypical antipsychotic drugs. *Biological research for nursing*. 2011 Jan; 13 (1):55-60. PMID: 20097665.
  59. Spencer KL, Olson LM, Schnetz-Boutaud N, Gallins P, Wang G, Scott WK, Agarwal A, Jakobsdottir J, Conley Y, Weeks DE, Gorin MB, Pericak-Vance MA, Haines JL. Dissection of chromosome 16p12 linkage peak suggests a possible role for CACNG3 variants in age-related macular degeneration susceptibility. *Investigative Ophthalmology & Visual Science*. 2011 Mar; 52 (3):1748-54. PMID: 21169531. doi: 10.1167/iovs.09-5112.
  60. Sanders JL, Iannaccone A, Boudreau RM, Conley YP, Opresko PL, Hsueh WC, Cummings SR, Cawthon RM, Harris TB, Nalls MA, Kritchevsky SB, Newman AB, Health ABC Study. The association of cataract with leukocyte telomere length in older adults: defining a new marker of aging. *The journals of gerontology. Series A, Biological sciences and medical sciences*. 2011 Jun; 66 (6):639-45. PMID: 21382885.
  61. Conley YP, Alexander S. Genomic, transcriptomic, and epigenomic approaches to recovery after acquired brain injury. *PM & R : the journal of injury, function, and rehabilitation*. 2011 Jun; 3:S52-8. PMID: 21703581.
  62. Williams JK, Prows CA, Conley YP, Eggert J, Kirk M, Nichols F. Strategies to prepare faculty to integrate genomics into nursing education programs. *Journal of nursing scholarship : an official publication of Sigma Theta Tau International Honor Society of Nursing / Sigma Theta Tau*. 2011 Sep; 43 (3):231-8. PMID: 21884368.
  63. Bell MJ, Conley YP. A Systematic Review of Endoglin Gene Expression in Preeclampsia. *Biological research for nursing*. 2011 Sep 15. PMID: 21921088.
  64. Wagner AK, Hatz LE, Scanlon JM, Niyonkuru C, Miller MA, Ricker JH, Conley YP, Ferrell RE. Association of KIBRA rs17070145 polymorphism and episodic memory in individuals with severe TBI. *Brain injury : [BI]*. 2012; 26:1658-69. PMID: 22794909.
  65. Wesmiller S, Henker R, Sereika S, Ling M, Donovan H, Conley Y. The Genetics of Postoperative Nausea and Vomiting. *Journal of PeriAnesthesia Nursing*. 2012; 37 (3):e40.
  66. Sofat R, Casas JP, Webster AR, Bird AC, Mann SS, Yates JR, Moore AT, Sepp T, Cipriani V, Bunce C, Khan JC, Shahid H, Swaroop A, Abecasis G, Branham KE, Zarepari S, Bergen AA, Klaver CC, Baas DC, Zhang K, Chen Y, Gibbs D, Weber BH, Keilhauer CN, Fritsche LG, Lotery A, Cree AJ, Griffiths HL, Bhattacharya SS, Chen LL, Jenkins SA, Peto T, Lathrop M, Leveillard T, Gorin MB, Weeks DE, Ortube MC, Ferrell RE, Jakobsdottir J, Conley YP, Rahu M, Seland JH, Soubrane G, Topouzis F, Vioque J, Tomazzoli L, Young I, Whittaker J, Chakravarthy U, de Jong PT, Smeeth L, Fletcher A, Hingorani AD. Complement factor H genetic variant and age-related macular degeneration: effect size, modifiers and relationship to disease subtype. *International Journal of Epidemiology*. 2012 Feb; 41 (1):250-62. PMID:
-

- PMC3304526. PMID: 22253316. doi: 10.1093/ije/dyr204.
67. Henker RA, Lewis A, Dai F, Lariviere WR, Meng L, Gruen GS, Sereika SM, Pape H, Tarkin IS, Gowda I, Conley YP. The Associations Between OPRM1 and COMT Genotypes and Postoperative Pain, Opioid Use, and Opioid-Induced Sedation. *Biological research for nursing*. 2012 Jun 20. PMID: 22718527.
  68. Founds SA, Shi H, Conley YP, Jeyabalan A, Roberts JM, Lyons-Weiler J. Variations in discovery-based preeclampsia candidate genes. *Clinical and translational science*. 2012 Aug; 5 (4):333-9. PMCID: PMC3419489. PMID: 22883611.
  69. Baumgartel KL, Conley YP. The Utility of Breastmilk for Genetic or Genomic Studies: A Systematic Review. *Breastfeeding medicine : the official journal of the Academy of Breastfeeding Medicine*. 2012 Dec 21. PMID: 23259645.
  70. Shaun DD, Miller MA, Ren D, Hoh NZ, Scanlon J, Conley YP, Wagner AK. Genetic Variability in Glutamic Acid Decarboxylase Genes: Associations with Post-traumatic Seizures after Severe TBI. *Epilepsy Research*. 2013; 103:180-194.
  71. Baumgartel KL, Terhorst L, Conley YP, Roberts JM. Psychometric evaluation of the Epworth sleepiness scale in an obstetric population. *Sleep medicine*. 2013 Jan; 14 (1):116-21. PMID: 23218535.
  72. Conley YP, Biesecker LG, Gonsalves S, Merkle CJ, Kirk M, Aouizerat BE. Current and emerging technology approaches in genomics. *Journal of nursing scholarship : an official publication of Sigma Theta Tau International Honor Society of Nursing / Sigma Theta Tau*. 2013 Mar; 45 (1):5-14. PMID: 23294727.
  73. Garringer J, Niyonkuru C, McCullough E, Loucks TL, Dixon CE, Conley YP, Berga S, Wagner AK M D. Impact of Aromatase Genetic Variation on Hormone Levels and Global Outcome after Severe TBI. *Journal of neurotrauma*. 2013 Mar 29. PMID: 23540392.
  74. Fritsche LG, Chen W, Schu M, Yaspan BL, Yu Y, Thorleifsson G, Zack DJ, Arakawa S, Cipriani V, Ripke S, Igo RP Jr, Buitendijk GH, Sim X, Weeks DE, Guymer RH, Merriam JE, Francis PJ, Hannum G, Agarwal A, Armbrecht AM, Audo I, Aung T, Barile GR, Benchaboune M, Bird AC, Bishop PN, Branham KE, Brooks M, Brucker AJ, Cade WH, Cain MS, Campochiaro PA, Chan CC, Cheng CY, Chew EY, Chin KA, Chowers I, Clayton DG, Cojocaru R, Conley YP, Cornes BK, Daly MJ, Dhillon B, Edwards AO, Evangelou E, Fagerness J, Ferreyra HA, Friedman JS, Geirsdottir A, George RJ, Gieger C, Gupta N, Hagstrom SA, Harding SP, Haritoglou C, Heckenlively JR, Holz FG, Hughes G, Ioannidis JP, Ishibashi T, Joseph P, Jun G, Kamatani Y, Katsanis N, N Keilhauer C, Khan JC, Kim IK, Kiyohara Y, Klein BE, Klein R, Kovach JL, Kozak I, Lee CJ, Lee KE, Lichtner P, Lotery AJ, Meitinger T, Mitchell P, Mohand-Saïd S, Moore AT, Morgan DJ, Morrison MA, Myers CE, Naj AC, Nakamura Y, Okada Y, Orlin A, Ortube MC, Othman MI, Pappas C, Park KH, Pauer GJ, Peachey NS, Poch O, Priya RR, Reynolds R, Richardson AJ, Ripp R, Rudolph G, Ryu E, Sahel JA, Schaumberg DA, Scholl HP, Schwartz SG, Scott WK, Shahid H, Sigurdsson H, Silvestri G, Sivakumaran TA, Smith RT, Sobrin L, Souied EH, Stambolian DE, Stefansson H, Sturgill-Short GM, Takahashi A, Tosakulwong N, Truitt BJ, Tsimoni EE, Uitterlinden AG, van Duijn CM, Vijaya L, Vingerling JR, Vithana EN, Webster AR, Wichmann HE, Winkler TW, Wong TY, Wright AF, Zelenika D, Zhang M, Zhao L, Zhang K, Klein ML, Hageman GS, Lathrop GM, Stefansson K, Allikmets R, Baird PN, Gorin MB, Wang JJ, Klaver CC, Seddon JM, Pericak-Vance
-

- MA, Iyengar SK, Yates JR, Swaroop A, Weber BH, Kubo M, Deangelis MM, Léveillard T, Thorsteinsdottir U, Haines JL, Farrer LA, Heid IM, Abecasis GR, AMD Gene Consortium. Seven new loci associated with age-related macular degeneration. *Nature genetics*. 2013 Apr; 45 (4):433-9, 439e1-2. PMID: 23455636.
75. Bell MJ, Roberts JM, Founds SA, Jeyabalan A, Terhorst L, Conley YP. Variation in endoglin pathway genes is associated with preeclampsia: a case-control candidate gene association study. *BMC pregnancy and childbirth*. 2013 Apr 1; 13 (1):82. PMID: 23548068.
  76. Failla MD, Burkhardt JN, Miller MA, Scanlon JM, Conley YP, Ferrell RE, Wagner AK. Variants of SLC6A4 in depression risk following severe TBI. *Brain injury : [BI]*. 2013 Jun; 27 (6):696-706. PMID: 23672445.
  77. Starkweather AR, Lyon DE, Elswick RK Jr, Montpetit AJ, Conley Y, McCain NL. A Conceptual Model of Psychoneurological Symptom Cluster Variation in Women with Breast Cancer: Bringing Nursing Research to Personalized Medicine. *Current Pharmacogenomics and Personalized Medicine*. 2013 Sep; 11 (3):224-230. PMCID: PMC3909649. PMID: 24497894.
  78. Wesmiller SW, Henker RA, Sereika SM, Donovan HS, Meng L, Gruen GS, Tarkin IS, Conley YP. The association of CYP2D6 genotype and postoperative nausea and vomiting in orthopedic trauma patients. *Biological Research For Nursing*. 2013 Oct; 15 (4):382-9. PMCID: PMC4028967. PMID: 22718526.
  79. Starkweather AR, Lyon DE, Elswick RK Jr, Montpetit A, Conley Y, McCain NL. Symptom Cluster Research in Women with Breast Cancer: A Comparison of Three Subgrouping Techniques. *Advances in Breast Cancer Research*. 2013 Oct; 2 (4):107-113. PMCID: PMC3909650. PMID: 24498579.
  80. Cousar JL, Conley YP, Willyerd FA, Sarnaik AA, Puccio AM, Empey PE, Kochanek PM, Bell MJ, Okonkwo DO, Clark RS. Influence of ATP-binding cassette polymorphisms on neurological outcome after traumatic brain injury. *Neurocritical Care*. 2013 Oct; 19 (2):192-8. PMID: 23896815.
  81. Gallek M, Alexander S, Crago E, Sherwood P, Horowitz M, Poloyac S, Conley Y. Endothelin-1 and endothelin receptor gene variants and their association with negative outcomes following aneurysmal subarachnoid hemorrhage. *Biological Research For Nursing*. 2013 Oct; 15 (4):390-7. PMCID: PMC3758781. PMID: 22997346. doi: 10.1177/1099800412459674.
  82. Zhan X, Larson DE, Wang C, Koboldt DC, Sergeev YV, Fulton RS, Fulton LL, Fronick CC, Branham KE, Bragg-Gresham J, Jun G, Hu Y, Kang HM, Liu D, Othman M, Brooks M, Ratnapriya R, Boleda A, Grassmann F, von Strachwitz C, Olson LM, Buitendijk GH, Hofman A, van Duijn CM, Cipriani V, Moore AT, Shahid H, Jiang Y, Conley YP, Morgan DJ, Kim IK, Johnson MP, Cantsilieris S, Richardson AJ, Guymer RH, Luo H, Ouyang H, Licht C, Pluthero FG, Zhang MM, Zhang K, Baird PN, Blangero J, Klein ML, Farrer LA, DeAngelis MM, Weeks DE, Gorin MB, Yates JR, Klaver CC, Pericak-Vance MA, Haines JL, Weber BH, Wilson RK, Heckenlively JR, Chew EY, Stambolian D, Mardis ER, Swaroop A, Abecasis GR. Identification of a rare coding variant in complement 3 associated with age-related macular degeneration. *Nature Genetics*. 2013 Nov; 45 (11):1375-9. PMCID: PMC3812337. PMID: 24036949. doi: 10.1038/ng.2758.
  83. Kim H, Crago E, Kim M, Sherwood P, Conley Y, Poloyac S, Kerr M. Cerebral
-

- vasospasm after sub-arachnoid hemorrhage as a clinical predictor and phenotype for genetic association study. *International Journal of Stroke : Official Journal of The International Stroke Society*. 2013 Dec; 8 (8):620-5. PMID: PMC3475757. PMID: 22568564. doi: 10.1111/j.1747-4949.2012.00823.x.
84. Ancheta IB, Battie CA, Richard D, Ancheta CV, Borja-Hart N, Volgman AS, Conley Y. The Association between KIF6 Single Nucleotide Polymorphism rs20455 and Serum Lipids in Filipino-American Women. *Nursing Research and Practice*. 2014; 2014:328954. PMID: PMC3920675. PMID: 24587901.
  85. Alexander SA, Ren D, Gunn SR, Kochanek PM, Tate J, Ikonovic M, Conley YP. Interleukin 6 and apolipoprotein E as predictors of acute brain dysfunction and survival in critical care patients. *American Journal of Critical Care : An Official Publication, American Association of Critical-Care Nurses*. 2014 Jan; 23 (1):49-57. PMID: 24382617.
  86. Conley YP, Okonkwo DO, Deslouches S, Alexander S, Puccio AM, Beers SR, Ren D. Mitochondrial polymorphisms impact outcomes after severe traumatic brain injury. *Journal of Neurotrauma*. 2014 Jan 1; 31 (1):34-41. PMID: PMC3880110. PMID: 23883111.
  87. Kantor E, Bayir H, Ren D, Provencio JJ, Watkins L, Crago E, Horowitz MB, Ferrell RE, Conley YP, Alexander SA. Haptoglobin genotype and functional outcome after aneurysmal subarachnoid hemorrhage. *Journal of Neurosurgery*. 2014 Feb; 120 (2):386-90. PMID: 24286153.
  88. Wesmiller SW, Bender CM, Sereika SM, Ahrendt G, Bonaventura M, Bovbjerg DH, Conley Y. Association between serotonin transport polymorphisms and postdischarge nausea and vomiting in women following breast cancer surgery. *Oncology Nursing Forum*. 2014 Mar 1; 41 (2):195-202. PMID: PMC4023462. PMID: 24578078. doi: 10.1188/14.ONF.195-202.
  89. Diamond ML, Ritter AC, Failla MD, Boles JA, Conley YP, Kochanek PM, Wagner AK. IL-1 $\beta$  associations with posttraumatic epilepsy development: A genetics and biomarker cohort study. *Epilepsia*. 2014 Apr 22. PMID: 24754437.
  90. Wagner AK, Scanlon JM, Becker CR, Ritter AC, Niyonkuru C, Dixon CE, Conley YP, Price JC. The influence of genetic variants on striatal dopamine transporter and D2 receptor binding after TBI. *Journal of Cerebral Blood Flow and Metabolism : Official Journal of The International Society of Cerebral Blood Flow and Metabolism*. 2014 May 21. PMID: 24849661.
  91. Gallek MJ, Alexander SA, Crago E, Sherwood PR, Klamerus M, Horowitz MB, Poloyac SM, Conley Y. Endothelin-1 Gene Polymorphisms Influence Cerebrospinal Fluid Endothelin-1 Levels Following Aneurysmal Subarachnoid Hemorrhage. *Biological Research For Nursing*. 2014 May 22. PMID: 24852947.
  92. Failla MD, Kumar RG, Peitzman AB, Conley YP, Ferrell RE, Wagner AK. Variation in the BDNF Gene Interacts With Age to Predict Mortality in a Prospective, Longitudinal Cohort with Severe TBI. *Neurorehabilitation and Neural Repair*. 2014 Jul 24. PMID: 25063686. doi: 10.1177/1545968314542617.
  93. Hopkins EE, Wallace ML, Conley YP, Marazita ML. Symptoms of Attention-Deficit Hyperactivity Disorder, Nonsyndromic Orofacial Cleft Children, and Dopamine Polymorphisms: A Pilot Study. *Biological Research For Nursing*. 2014 Sep 29. PMID: 25271118. doi: 10.1177/1099800414552186.
-

94. Wysocki K, Conley Y, Wenzel S. Epigenome Variation in Severe Asthma. *Biological Research For Nursing*. 2014 Oct 6. PMID: 25288825. doi: 10.1177/1099800414553463.
  95. Ratnapriya R, Zhan X, Fariss RN, Branham KE, Zipprer D, Chakarova CF, Sergeev YV, Campos MM, Othman M, Friedman JS, Maminishkis A, Waseem NH, Brooks M, Rajasimha HK, Edwards AO, Lotery A, Klein BE, Truitt BJ, Li B, Schaumberg DA, Morgan DJ, Morrison MA, Souied E, Tsironi EE, Grassmann F, Fishman GA, Silvestri G, Scholl HP, Kim IK, Ramke J, Tuo J, Merriam JE, Merriam JC, Park KH, Olson LM, Farrer LA, Johnson MP, Peachey NS, Lathrop M, Baron RV, Igo RP Jr, Klein R, Hagstrom SA, Kamatani Y, Martin TM, Jiang Y, Conley Y, Sahel JA, Zack DJ, Chan CC, Pericak-Vance MA, Jacobson SG, Gorin MB, Klein ML, Allikmets R, Iyengar SK, Weber BH, Haines JL, Léveillard T, Deangelis MM, Stambolian D, Weeks DE, Bhattacharya SS, Chew EY, Heckenlively JR, Abecasis GR, Swaroop A. Rare and common variants in extracellular matrix gene Fibrillin 2 (FBN2) are associated with macular degeneration. *Human Molecular Genetics*. 2014 Nov 1; 23 (21):5827-37. PMCID: PMC4189898. PMID: 24899048. doi: 10.1093/hmg/ddu276.
  96. Koleck TA, Bender CM, Sereika SM, Ahrendt G, Jankowitz RC, McGuire KP, Ryan CM, Conley YP. Apolipoprotein E genotype and cognitive function in postmenopausal women with early-stage breast cancer. *Oncology Nursing Forum*. 2014 Nov 1; 41 (6):E313-25. PMID: 25355028. doi: 10.1188/14.ONF.E313-E325.
  97. Donnelly MK, Conley YP, Crago EA, Ren D, Sherwood PR, Balzer JR, Poloyac SM. Genetic markers in the EET metabolic pathway are associated with outcomes in patients with aneurysmal subarachnoid hemorrhage. *Journal of Cerebral Blood Flow and Metabolism : Official Journal of The International Society of Cerebral Blood Flow and Metabolism*. 2014 Nov 12. PMID: 25388680. doi: 10.1038/jcbfm.2014.195.
  98. Gorin MB, Weeks DE, Baron RV, Conley YP, Ortube MC, Nusinowitz S. Endophenotypes for Age-Related Macular Degeneration: Extending Our Reach into the Preclinical Stages of Disease. *Journal of Clinical Medicine*. 2014 Nov 28; 3 (4):1335-1356. PMCID: PMC4284143. PMID: 25568804. doi: 10.3390/jcm3041335.
  99. Dunn SH, Conley YP. A systematic review of genetic influences on coping. *Biological Research For Nursing*. 2015 Jan; 17 (1):87-93. PMID: 25504954. doi: 10.1177/1099800414527340.
  100. Stanfill AG, Conley Y, Cashion A, Thompson C, Homayouni R, Cowan P, Hathaway D. Neurogenetic and Neuroimaging Evidence for a Conceptual Model of Dopaminergic Contributions to Obesity. *Biological Research For Nursing*. 2015 Jan 9. PMID: 25576324. doi: 10.1177/1099800414565170.
  101. Diamond ML, Ritter AC, Jackson EK, **Conley YP**, Kochanek PM, Boison D, Wagner AK. Genetic variation in the adenosine regulatory cycle is associated with posttraumatic epilepsy development. *Epilepsia*. 2015 Jun 4. doi: 10.1111/epi.13044. [Epub ahead of print] PubMed PMID: 26040919.
  102. Failla MD, **Conley YP**, Wagner AK. Brain-Derived Neurotrophic Factor (BDNF) in Traumatic Brain Injury-Related Mortality: Interrelationships Between Genetics and Acute Systemic and Central Nervous System BDNF Profiles. *Neurorehabil Neural Repair*. 2015 May 15. pii: 1545968315586465. [Epub ahead of print] PMID: 25979196.
  103. Failla MD, Myrga JM, Ricker JH, Dixon CE, **Conley YP**, Wagner AK. Posttraumatic
-

Brain Injury Cognitive Performance Is Moderated by Variation Within ANKK1 and DRD2 Genes. *J Head Trauma Rehabil.* 2015 Apr 29. [Epub ahead of print] PubMed PMID: 25931179.

104. Donnelly MK, Crago EA, **Conley YP**, Balzer JR, Ren D, Ducruet AF, Kochanek PM, Sherwood PR, Poloyac SM. 20-HETE is associated with unfavorable outcomes in subarachnoid hemorrhage patients. *J Cereb Blood Flow Metab.* 2015 Apr 29. doi: 10.1038/jcbfm.2015.75. [Epub ahead of print] PubMed PMID: 25920956.
  105. Baron RV, **Conley YP**, Gorin MB, Weeks DE. dbVOR: a database system for importing pedigree, phenotype and genotype data and exporting selected subsets. *BMC Bioinformatics.* 2015 Mar 18;16(1):91. doi: 10.1186/s12859-015-0505-4. PubMed PMID: 25887129; PubMed Central PMCID: PMC4407391.
  106. Diamond ML, Ritter AC, Failla MD, Boles JA, Conley YP, Kochanek PM, Wagner AK. IL-1 $\beta$  associations with posttraumatic epilepsy development: A genetics and biomarker cohort study. *Epilepsia.* 2015 Jul;56(7):991-1001. doi: 10.1111/epi.13100. PubMed PMID: 26149793.
  107. Henly SJ, McCarthy DO, Wyman JF, Heitkemper MM, Redeker NS, Titler MG, McCarthy AM, Stone PW, Moore SM, Alt-White AC, Conley YP, Dunbar-Jacob J. Emerging areas of science: Recommendations for Nursing Science Education from the Council for the Advancement of Nursing Science Idea Festival. *Nurs Outlook.* 2015 Jul-Aug;63(4):398-407. doi: 10.1016/j.outlook.2015.04.007. PMID: 26187079.
  108. Henly SJ, McCarthy DO, Wyman JF, Stone PW, Redeker NS, McCarthy AM, Alt-White AC, Dunbar-Jacob J, Titler MG, Moore SM, Heitkemper MM, Conley YP. Integrating emerging areas of nursing science into PhD programs. *Nurs Outlook.* 2015 Jul-Aug;63(4):408-16. doi: 10.1016/j.outlook.2015.04.010. Epub 2015 May 5. PubMed PMID: 26187080.
  109. Henly SJ, McCarthy DO, Wyman JF, Alt-White AC, Stone PW, McCarthy AM, Redeker NS, Dunbar-Jacob J, Titler MG, Conley YP, Heitkemper MM, Moore SM. Emerging areas of nursing science and PhD education for the 21(st) century: Response to commentaries. *Nurs Outlook.* 2015 Jul-Aug;63(4):439-45. doi: 10.1016/j.outlook.2015.05.003. Epub 2015 May 16. PubMed PMID: 26187083.
  110. Hafrén L, Einarsdottir E, Kentala E, Hammarén-Malmi S, Bhutta MF, MacArthur CJ, Wilmot B, Casselbrant M, Conley YP, Weeks DE, Mandel EM, Vaarala O, Kallio A, Melin M, Nieminen JK, Leinonen E, Kere J, Mattila PS. Predisposition to Childhood Otitis Media and Genetic Polymorphisms within the Toll-Like Receptor 4 (TLR4) Locus. *PLoS One.* 2015 Jul 15;10(7):e0132551. doi:10.1371/journal.pone.0132551. eCollection 2015. PubMed PMID: 26177520; PubMed Central PMCID: PMC4503307.
  111. Bui DK, Jiang Y, Wei X, Ortube MC, Weeks DE, Conley YP, Gorin MB. Genetic ME-a visualization application for merging and editing pedigrees for genetic studies. *BMC Res Notes.* 2015 Jun 16;8:241. doi: 10.1186/s13104-015-1131-y. PubMed PMID:26076732; PubMed Central PMCID: PMC4478623.
  112. Conley YP, Heitkemper M, McCarthy D, Anderson CM, Corwin EJ, Daack-Hirsch S, Dorsey SG, Gregory KE, Groer MW, Henly SJ, Landers T, Lyon DE, Taylor JY, Voss J. Educating future nursing scientists: Recommendations for integrating omics content in PhD programs. *Nurs Outlook.* 2015 Jul-Aug;63(4):417-27. doi: 10.1016/j.outlook.2015.06.006. Epub 2015 Jun 12. PubMed PMID: 26123776.
-

113. Martire LM, Wilson SJ, Small BJ, Conley YP, Janicki PK, Sliwinski MJ. COMT and OPRM1 Genotype Associations with Daily Knee Pain Variability and Activity Induced Pain. *Scand J Pain*. 2016 Jan 1;10:6-12. PMID: PMC4548933.
  114. Stanfill A, Hathaway D, Cashion A, Homayouni R, Cowan P, Thompson C, Madahian B, Conley Y. A Pilot Study of Demographic and Dopaminergic Genetic Contributions to Weight Change in Kidney Transplant Recipients. *PLoS One*. 2015 Sep 25;10(9):e0138885. doi: 10.1371/journal.pone.0138885. eCollection 2015. PubMed PMID: 26406335.
  115. Koleck TA, Conley YP. Identification and prioritization of candidate genes for symptom variability in breast cancer survivors based on disease characteristics at the cellular level. *Breast Cancer (Dove Med Press)*. 2016 Mar 8;8:29-37. doi: 10.2147/BCTT.S88434. eCollection 2016. PubMed PMID: 27022301; PubMed Central PMCID: PMC4790538.
  116. Markos SM, Failla MD, Ritter AC, Dixon CE, Conley YP, Ricker JH, Arenth PM, Juengst SB, Wagner AK. Genetic Variation in the Vesicular Monoamine Transporter: Preliminary Associations With Cognitive Outcomes After Severe Traumatic Brain Injury. *J Head Trauma Rehabil*. 2016 Jan 29. [Epub ahead of print] PubMed PMID: 26828714.
  117. Smoot B, Cooper BA, Conley Y, Kober K, Levine JD, Mastick J, Topp K, Miaskowski C. Differences in limb volume trajectories after breast cancer treatment. *J Cancer Surviv*. 2015 Dec 18. [Epub ahead of print] PubMed PMID: 26678895.
  118. Myrga JM, Failla MD, Ricker JH, Dixon CE, Conley YP, Arenth PM, Wagner AK. A Dopamine Pathway Gene Risk Score for Cognitive Recovery Following Traumatic Brain Injury: Methodological Considerations, Preliminary Findings, and Interactions With Sex. *J Head Trauma Rehabil*. 2015 Nov 17. [Epub ahead of print] PubMed PMID: 26580694.
  119. Wesmiller SW, Sereika SM, Bender CM, Bovbjerg D, Ahrendt G, Bonaventura M, Conley YP. Exploring the multifactorial nature of postoperative nausea and vomiting in women following surgery for breast cancer. *Auton Neurosci*. 2016 Sep 28. pii: S1566-0702(16)30202-8. doi: 10.1016/j.autneu.2016.09.017. Review. PubMed PMID: 27729204.
  120. Khalil H, Sereika SM, Dai F, Alexander S, Conley Y, Gruen G, Meng L, Siska P, Tarkin I, Henker R. OPRM1 and COMT Gene-Gene Interaction Is Associated With Postoperative Pain and Opioid Consumption After Orthopedic Trauma. *Biol Res Nurs*. 2016 Nov 30. [Epub ahead of print] PubMed PMID: 27903758.
  121. Osier ND, Imes CC, Khalil H, Zelazny J, Johansson AE, Conley YP. Symptom Science: Repurposing Existing Omics Data. *Biol Res Nurs*. 2016 Sep 9. pii: 1099800416666716. [Epub ahead of print] PubMed PMID: 27613438.
  122. Baumgartel KL, Groer MW, Cohen SM, Ren D, Spatz DL, Conley YP. Maternal Interleukin Genotypes Are Associated With NICU Outcomes Among Low-Birth-Weight Infants. *Biol Res Nurs*. 2016 Sep 6. pii: 1099800416664585. [Epub ahead of print] PubMed PMID: 27605567.
  123. Stanfill A, Elijovich L, Baughman B, Conley Y. A Review and Conceptual Model of Dopaminergic Contributions to Poststroke Depression. *J Neurosci Nurs*. 2016 Oct;48(5):242-6. doi: 10.1097/JNN.0000000000000240. PubMed PMID: 27579957;
-

- PubMed Central PMCID: PMC5010006.
124. Fu MR, Conley YP, Axelrod D, Guth AA, Yu G, Fletcher J, Zagzag D. Precision assessment of heterogeneity of lymphedema phenotype, genotypes and risk prediction. *Breast*. 2016 Oct;29:231-40. doi: 10.1016/j.breast.2016.06.023. Epub 2016 Jul 22. PubMed PMID: 27460425; PubMed Central PMCID: PMC5014618.
  125. Baumgartel KL, Groer MW, Cohen SM, Ren D, Spatz DL, Conley YP. Effect of Promoter Polymorphisms on Cytokine Concentration in Preterm Breast Milk and Subsequent Infant Outcomes. *J Hum Lact*. 2016 Aug;32(3):425-37. doi: 10.1177/0890334416646725. Epub 2016 Jun 1. PubMed PMID: 27250867.
  126. Osier ND, Bales JW, Pugh B, Shin S, Wyrobek J, Puccio AM, Okonkwo DO, Ren D, Alexander S, Conley YP, Dixon CE. Variation in PPP3CC Genotype Is Associated with Long-Term Recovery after Severe Brain Injury. *J Neurotrauma*. 2016 Jun 27. [Epub ahead of print] PubMed PMID: 27225880.
  127. Myrga JM, Juengst SB, Failla MD, Conley YP, Arenth PM, Grace AA, Wagner AK. COMT and ANKK1 Genetics Interact With Depression to Influence Behavior Following Severe TBI: An Initial Assessment. *Neurorehabil Neural Repair*. 2016 Nov;30(10):920-930. PubMed PMID: 27154305; PubMed Central PMCID: PMC5048493.
  128. Ritter AC, Kammerer CM, Brooks MM, Conley YP, Wagner AK. Genetic variation in neuronal glutamate transport genes and associations with posttraumatic seizure. *Epilepsia*. 2016 Jun;57(6):984-93. doi: 10.1111/epi.13397. Epub 2016 May 7. PubMed PMID: 27153812; PubMed Central PMCID: PMC4903934.
  129. Koleck TA, Bender CM, Sereika SM, Brufsky AM, Lembersky BC, McAuliffe PF, Puhalla SL, Rastogi P, Conley YP. Polymorphisms in DNA repair and oxidative stress genes associated with pre-treatment cognitive function in breast cancer survivors: an exploratory study. *Springerplus*. 2016 Apr 9;5:422. doi: 10.1186/s40064-016-2061-4. eCollection 2016. PubMed PMID: 27099827; PubMed Central PMCID: PMC4826652.
  130. Shih J, Leutwyler H, Ritchie C, Paul SM, Levine JD, Cooper B, Wright F, Conley YP, Miaskowski C. Characteristics associated with inter-individual differences in the trajectories of self-reported attentional function in oncology outpatients receiving chemotherapy. *Support Care Cancer*. 2016 Oct 20. [Epub ahead of print] PMID: 27766422.
  131. Jha RM, Puccio AM, Okonkwo DO, Zusman BE, Park SY, Wallisch J, Empey PE, Shutter LA, Clark RS, Kochanek PM, Conley YP. ABCC8 Single Nucleotide Polymorphisms are Associated with Cerebral Edema in Severe TBI. *Neurocrit Care*. 2016 Sep 27. [Epub ahead of print] PubMed PMID: 27677908.
  132. Osier ND, Pham L, Pugh BJ, Puccio A, Ren D, Conley YP, Alexander S, Dixon CE. Brain injury results in lower levels of melatonin receptors subtypes MT1 and MT2. *Neurosci Lett*. 2017 Apr 1. pii: S0304-3940(17)30283-5. [Epub ahead of print] PubMed PMID: 28377323.
  133. Munoz MJ, Kumar RG, Oh BM, Conley YP, Wang Z, Failla MD, Wagner AK. Cerebrospinal Fluid Cortisol Mediates Brain-Derived Neurotrophic Factor Relationships to Mortality after Severe TBI: A Prospective Cohort Study. *Front Mol Neurosci*. 2017; 9:10:44. PMCID: PMC5343043.
  134. Mark S, Cataldo J, Dhruva A, Paul SM, Chen LM, Hammer MJ, Levine JD, Wright F,
-



- Melisko M, Lee K, Conley YP, Miaskowski C. Modifiable and non-modifiable characteristics associated with sleep disturbance in oncology outpatients during chemotherapy. *Support Care Cancer*. 2017 Mar 9. [Epub ahead of print] PubMed PMID: 28281049.
135. Tantoy IY, Dhruva A, Cataldo J, Venook A, Cooper BA, Paul SM, Levine JD, Conley YP, Cartwright F, Lee K, Wright F, Miaskowski C. Differences in symptom occurrence, severity, and distress ratings between patients with gastrointestinal cancers who received chemotherapy alone or chemotherapy with targeted therapy. *J Gastrointest Oncol*. 2017; 8(1):109-126. PMCID: PMC5334066.
136. Smoot B, Kober KM, Paul SM, Levine JD, Abrams G, Mastick J, Topp K, Conley YP, Miaskowski CA. Potassium Channel Candidate Genes Predict the Development of Secondary Lymphedema Following Breast Cancer Surgery. *Nurs Res*. 2017; 66(2):85-94. PMCID: PMC5334662.
137. Myers JS, Koleck TA, Sereika SM, Conley YP, Bender CM. Perceived cognitive function for breast cancer survivors: association of genetic and behaviorally related variables for inflammation. *Support Care Cancer*. 2017 Mar 1. [Epub ahead of print] PubMed PMID: 28247126.
138. Shan Y, Tromp G, Kuivaniemi H, Smelser DT, Verma SS, Ritchie MD, Elmore JR, Carey DJ, Conley YP, Gorin MB, Weeks DE. Genetic risk models: Influence of model size on risk estimates and precision. *Genet Epidemiol*. 2017 Feb 15. [Epub ahead of print] PubMed PMID: 28198095.
139. Ren D, Fan J, Puccio AM, Okonkwo DO, Beers SR, Conley Y. Group-Based Trajectory Analysis of Emotional Symptoms Among Survivors After Severe Traumatic Brain Injury. *J Head Trauma Rehabil*. 2017 Feb 10. [Epub ahead of print] PubMed PMID: 28195956.
140. Wong ML, Paul SM, Cooper BA, Dunn LB, Hammer MJ, Conley YP, Wright F, Levine JD, Walter LC, Cartwright F, Miaskowski C. Predictors of the multidimensional symptom experience of lung cancer patients receiving chemotherapy. *Support Care Cancer*. 2017 Feb 3. [Epub ahead of print] PubMed PMID: 28160076.
141. Wright F, Hammer M, Paul SM, Aouizerat BE, Kober KM, Conley YP, Cooper BA, Dunn LB, Levine JD, DEramo Melkus G, Miaskowski C. Inflammatory pathway genes associated with inter-individual variability in the trajectories of morning and evening fatigue in patients receiving chemotherapy. *Cytokine*. 2017; 91:187-210. PMCID: PMC5318191.
142. Koleck TA, Bender CM, Sereika SM, Ryan CM, Ghotkar P, Brufsky AM, Jankowitz RC, McAuliffe PF, Clark BZ, Conley YP. Associations between pathologic tumor features and preadjuvant therapy cognitive performance in women diagnosed with breast cancer. *Cancer Med*. 2017; 6(2):339-348. PMCID: PMC5313647.
143. Miaskowski C, Mastick J, Paul SM, Topp K, Smoot B, Abrams G, Chen LM, Kober KM, Conley YP, Chesney M, Bolla K, Mausisa G, Mazor M, Wong M, Schumacher M, Levine JD. Chemotherapy-Induced Neuropathy in Cancer Survivors. *J Pain Symptom Manage*. 2017 Jan 4. S0885-3924(16)31243-X. [Epub ahead of print] PubMed PMID: 28063866.
144. Abid H, Kober KM, Smoot B, Paul SM, Hammer M, Levine JD, Lee K, Wright F, Cooper BA, Conley YP, Miaskowski C. Common and Distinct Characteristics Associated With Trajectories of Morning and Evening Energy in Oncology Patients
-

- Receiving Chemotherapy. *J Pain Symptom Manage*. 2017 Jan 4.; S0885-3924(16)31240-4. [Epub ahead of print] PubMed PMID: 28063861.
145. Horvat CM, Au AK, Conley YP, Kochanek PM, Li L, Poloyac SM, Empey PE, Clark RSB. ABCB1 genotype is associated with fentanyl requirements in critically ill children. *Pediatr Res*. 2017 Jul;82(1):29-35. PMID: PMC5509475.
  146. Koleck TA, Bender CM, Clark BZ, Ryan CM, Ghotkar P, Brufsky A, McAuliffe PF, Rastogi P, Sereika SM, Conley YP. An exploratory study of host polymorphisms in genes that clinically characterize breast cancer tumors and pretreatment cognitive performance in breast cancer survivors. *Breast Cancer (Dove Med Press)*. 2017 3;9:95-110. PMID: PMC5344452.
  147. Turi E, Conley Y, Stanfill AG. A Literature Review of Psychosocial Comorbidities Related to Working Capacity After Aneurysmal Subarachnoid Hemorrhage. *J Neurosci Nurs*. 2017;49(3):179-184. PMID: PMC5421397.
  148. Ward Sullivan C, Leutwyler H, Dunn LB, Cooper BA, Paul SM, Conley YP, Levine JD, Miaskowski CA. Differences in symptom clusters identified using symptom occurrence rates versus severity ratings in patients with breast cancer undergoing chemotherapy. *Eur J Oncol Nurs*. 2017;28:122-132. PMID: PMC5494962.
  149. Wesmiller SW, Bender CM, Conley YP, Bovbjerg DH, Ahrendt G, Bonaventura M, Sereika SM. A Prospective Study of Nausea and Vomiting After Breast Cancer Surgery. *J Perianesth Nurs*. 2017;32(3):169-176. PMID: PMC5453310.
  150. Alexander K, Conley YP, Levine JD, Cooper BA, Paul SM, Mastick J, West C, Miaskowski C. Cytokine Gene Polymorphisms Associated With Various Domains Of Quality Of Life In Women With Breast Cancer. *J Pain Symptom Manage*. 2017 S0885-3924(17)30499-2. doi: 10.1016/j.jpainsymman.2017.09.020. [Epub ahead of print] PubMed PMID: 28947144.
  151. Mazor M, Cataldo JK, Lee K, Dhruva A, Paul SM, Smoot BJ, Dunn LB, Levine JD, Mastick J, Conley YP, Miaskowski C. Influence of Menopausal Status on the Symptom Experience of Women Before Breast Cancer Surgery. *Cancer Nurs*. 2017 Sep 23. doi: 10.1097/NCC.0000000000000545. [Epub ahead of print] PubMed PMID: 28945634.
  152. Flowers E, Miaskowski C, Conley Y, Hammer MJ, Levine J, Mastick J, Paul S, Wright F, Kober K. Differential expression of genes and differentially perturbed pathways associated with very high evening fatigue in oncology patients receiving chemotherapy. *Support Care Cancer*. 2017 Sep 25. doi: 10.1007/s00520-017-3883-5. [Epub ahead of print] PubMed PMID: 28944404.
  153. Park NJ, Chang Y, Bender C, Conley Y, Chlebowski RT, van Londen GJ, Foraker R, Wassertheil-Smoller S, Stefanick ML, Kuller LH. Cardiovascular disease and mortality after breast cancer in postmenopausal women: Results from the Women's Health Initiative. *PLoS One*. 2017 Sep 21;12(9):e0184174. doi: 10.1371/journal.pone.0184174. eCollection 2017. PubMed PMID: 28934233.
  154. Stanfill A, Simpson C, Sherwood P, Poloyac S, Crago E, Kim H, Conley Y. A pilot study on the impact of dopamine, serotonin, and brain-derived neurotrophic factor genotype on long-term functional outcomes after subarachnoid hemorrhage. *SAGE Open Med*. 2017 31;5:2050312117726725. PMID: PMC5582657.
  155. Papachristou N, Barnaghi P, Cooper BA, Hu X, Maguire R, Apostolidis K, Armes J, Conley YP, Hammer M, Katsaragakis S, Kober KM, Levine JD, McCann L, Patiraki
-

- E, Paul SM, Ream E, Wright F, Miaskowski C. Congruence Between Latent Class and K-modes Analyses in the Identification of Oncology Patients with Distinct Symptom Experiences. *J Pain Symptom Manage*. 2017; S0885-3924(17)30426-8. PMID: 28859882.
156. Sullivan CW, Leutwyler H, Dunn LB, Cooper BA, Paul SM, Levine JD, Hammer M, Conley YP, Miaskowski CA. Stability of Symptom Clusters in Patients with Breast Cancer Receiving Chemotherapy. *J Pain Symptom Manage*. 2017 S0885-3924(17)30413-X. PMID: 28838866.
157. Langford DJ, Cooper B, Paul S, Humphreys J, Keagy C, Conley YP, Hammer MJ, Levine JD, Wright F, Melisko M, Miaskowski C, Dunn LB. Evaluation of Coping as a Mediator of the Relationship Between Stressful Life Events and Cancer-Related Distress. *Health Psychol*. 2017 Aug 21. doi: 10.1037/hea0000524. [Epub ahead of print] PubMed PMID: 28825498.
158. Miaskowski C, Conley YP, Mastick J, Paul SM, Cooper BA, Levine JD, Knisely M, Kober KM. Cytokine Gene Polymorphisms Associated With Symptom Clusters in Oncology Patients Undergoing Radiation Therapy. *J Pain Symptom Manage*. 2017; 54(3):305-316. PMID: PMC5610097.
159. Stephens KE, Levine JD, Aouizerat BE, Paul SM, Abrams G, Conley YP, Miaskowski C. Associations between genetic and epigenetic variations in cytokine genes and mild persistent breast pain in women following breast cancer surgery. *Cytokine*. 2017 S1043-4666(17)30206-5. PMID: 28764974.
160. Adams SM, Conley YP, Ren D, Okonkwo DO, Puccio AM, Dixon CE, Clark RSB, Kochanek PM, Empey PE. ABCG2 c.421C>A Is Associated with Outcomes after Severe Traumatic Brain Injury. *J Neurotrauma*. 2017 Sep 19. doi: 10.1089/neu.2017.5000. [Epub ahead of print] PubMed PMID: 28747144.
161. Wong ML, Cooper BA, Paul SM, Levine JD, Conley YP, Wright F, Hammer M, Miaskowski C. Differences in Symptom Clusters Identified Using Ratings of Symptom Occurrence vs. Severity in Lung Cancer Patients Receiving Chemotherapy. *J Pain Symptom Manage*. 2017;54(2):194-203. PMID: PMC5557657.
162. Tantoy IY, Cooper BA, Dhruva A, Cataldo J, Paul SM, Conley YP, Hammer M, Wright F, Dunn LB, Levine JD, Miaskowski C. Changes in the Occurrence, Severity, and Distress of Symptoms in Patients With Gastrointestinal Cancers Receiving Chemotherapy. *J Pain Symptom Manage*. 2017; (17)30570-5. PMID:29051114.
163. Nusinowitz S, Wang Y, Kim P, Habib S, Baron R, Conley Y, Gorin M. Retinal Structure in Pre-Clinical Age-Related Macular Degeneration. *Curr Eye Res*. 2018; 43(3):376-382. PMID: 29135322.
164. Miaskowski C, Mastick J, Paul SM, Abrams G, Cheung S, Sabes JH, Kober KM, Schumacher M, Conley YP, Topp K, Smoot B, Mausisa G, Mazor M, Wallhagen M, Levine JD. Impact of chemotherapy-induced neurotoxicities on adult cancer survivors' symptom burden and quality of life. *J Cancer Surviv*. 2017 Nov 20. doi: 10.1007/s11764-017-0662-8. [Epub ahead of print] PubMed PMID: 29159795.
165. Conley YP, Diaz-Arrastia R. Genomic links between blast exposure, brain injury, and Alzheimer disease. *Neurol Genet*. 2017; 3(5):e196. PMID: PMC5640899.
166. Mazor M, Lee K, Dhruva A, Cataldo JK, Paul SM, Melisko M, Smoot BJ, Levine JD,
-

- Elboim C, Conley YP, Miaskowski C. Menopausal-Related Symptoms in Women One Year After Breast Cancer Surgery. *J Pain Symptom Manage.* 2017; S0885-3924(17)30695-4. doi: 10.1016/j.jpainsymman.2017.11.030. [Epub ahead of print] PubMed PMID: 29221848.
167. Heinsberg LW, Turi E, Ren D, Crago E, Alexander S, Stanfill AG, Conley YP. Evaluation of APOE Genotype and Ability to Perform Activities of Daily Living Following Aneurysmal Subarachnoid Hemorrhage. *Biol Res Nurs.* 2018; 20(2):177-182. doi: 10.1177/1099800417746504. Epub 2017 Dec 19. PMID: 29258400.
168. McCall MK, Stanfill AG, Skrovaneck E, Pforr JR, Wesmiller SW, Conley YP. Symptom Science: Omics Supports Common Biological Underpinnings Across Symptoms. *Biol Res Nurs.* 2018; 20(2):183-191. doi: 10.1177/1099800417751069. Epub 2018 Jan 11. PubMed PMID: 29325450.
169. Miaskowski C, Paul SM, Mastick J, Schumacher M, Conley YP, Smoot B, Abrams G, Kober KM, Cheung S, Henderson-Sabes J, Chesney M, Mazor M, Wallhagen M, Levine JD. Hearing loss and tinnitus in survivors with chemotherapy-induced neuropathy. *Eur J Oncol Nurs.* 2018; 32:1-11. PMID: PMC5783195.
170. Mazor M, Cataldo JK, Lee K, Dhruva A, Cooper B, Paul SM, Topp K, Smoot BJ, Dunn LB, Levine JD, Conley YP, Miaskowski C. Differences in symptom clusters before and twelve months after breast cancer surgery. *Eur J Oncol Nurs.* 2018; 32:63-72. PMID: PMC5783198.
171. Hatfield LA, Hoffman RK, Polomano RC, Conley Y. Epigenetic Modifications Following Noxious Stimuli in Infants. *Biol Res Nurs.* 2018; 20(2):137-144. PMID: 29378417.
172. Morgan S, Cooper B, Paul S, Hammer MJ, Conley YP, Levine JD, Miaskowski C, Dunn LB. Association of Personality Profiles with Depressive, Anxiety, and Cancer-related Symptoms in Patients Undergoing Chemotherapy. *Pers Individ Dif.* 2017 Oct 15;117:130-138. PMID: PMC5822738.
173. Miaskowski C, Paul SM, Mastick J, Abrams G, Topp K, Smoot B, Kober KM, Chesney M, Mazor M, Mausisa G, Schumacher M, Conley YP, Sabes JH, Cheung S, Wallhagen M, Levine JD. Associations Between Perceived Stress and Chemotherapy-Induced Peripheral Neuropathy and Ototoxicity in Adult Cancer Survivors. *J Pain Symptom Manage.* 2018 Jul;56(1):88-97. PMID: PMC6015523.
174. Schmella MJ, Roberts JM, Conley YP, Ren D, Storvold GL, Ingles SA, Wilson ML, Staff AC, Hubel CA. Endoglin pathway genetic variation in preeclampsia: A validation study in Norwegian and Latina cohorts. *Pregnancy Hypertens.* 2018 Apr;12:144-149. PMID: PMC5995147.
175. Jha RM, Koleck TA, Puccio AM, Okonkwo DO, Park SY, Zusman BE, Clark RSB, Shutter LA, Wallisch JS, Empey PE, Kochanek PM, Conley YP. Regionally clustered ABCC8 polymorphisms in a prospective cohort predict cerebral oedema and outcome in severe traumatic brain injury. *J Neurol Neurosurg Psychiatry.* 2018 Apr 19. pii: jnnp-2017-317741. doi: 10.1136/jnnp-2017-317741. [Epub ahead of print] PubMed PMID: 29674479.
176. Tantoy IY, Cooper BA, Dhruva A, Cataldo J, Paul SM, Conley YP, Hammer M, Kober KM, Levine JD, Miaskowski C. Quality of life of patients with gastrointestinal cancers undergoing chemotherapy. *Qual Life Res.* 2018 Jul;27(7):1865-1876.
-

- PMCID: PMC5999562.
177. Bender CM, Merriman JD, Sereika SM, Gentry AL, Casillo FE, Koleck TA, Rosenzweig MQ, Brufsky AM, McAuliffe P, Zhu Y, Conley YP. Trajectories of Cognitive Function and Associated Phenotypic and Genotypic Factors in Breast Cancer. *Oncol Nurs Forum*. 2018 May 1;45(3):308-326. PMCID: PMC6052441.
  178. Knisely MR, Conley YP, Kober KM, Smoot B, Paul SM, Levine JD, Miaskowski C. Associations Between Catecholaminergic and Serotonergic Genes and Persistent Breast Pain Phenotypes After Breast Cancer Surgery. *J Pain*. 2018 Apr 30. pii: S1526-5900(18)30157-3. doi: 10.1016/j.jpain.2018.04.007. [Epub ahead of print] PubMed PMID: 29723560.
  179. Turi ER, Conley Y, Crago E, Sherwood P, Poloyac SM, Ren D, Stanfill AG. Psychosocial Comorbidities Related to Return to Work Rates Following Aneurysmal Subarachnoid Hemorrhage. *J Occup Rehabil*. 2018 May 21. doi: 10.1007/s10926-018-9780-z. [Epub ahead of print] PubMed PMID: 29781055.
  180. Osier N, McGreevy E, Pham L, Puccio A, Ren D, Conley YP, Alexander S, Dixon CE. Melatonin as a Therapy for Traumatic Brain Injury: A Review of Published Evidence. *Int J Mol Sci*. 2018 May 22;19(5). pii: E1539. PMCID: PMC5983792.
  181. Singh KP, Kober KM, Dhruva AA, Flowers E, Paul SM, Hammer MJ, Cartwright F, Wright F, Conley YP, Levine JD, Miaskowski C. Risk Factors Associated With Chemotherapy-Induced Nausea in the Week Before the Next Cycle and Impact of Nausea on Quality of Life Outcomes. *J Pain Symptom Manage*. 2018 May 30. pii: S0885-3924(18)30286-0. doi: 10.1016/j.jpainsymman.2018.05.019. [Epub ahead of print] PubMed PMID: 29857180.
  182. Fu MR, Wang Y, Li C, Qiu Z, Axelrod D, Guth AA, Scagliola J, Conley Y, Aouizerat BE, Qiu JM, Yu G, Van Cleave JH, Haber J, Cheung YK. Machine learning for detection of lymphedema among breast cancer survivors. *Mhealth*. 2018 May 29;4:17. PMCID: PMC5994440.
  183. Osier N, Conley YP, Okonkwo DO, Puccio AM. Variation in candidate TBI biomarker genes are associated with gross neurological outcomes after severe TBI. *J Neurotrauma*. 2018 Jul 4. doi: 10.1089/neu.2017.5268. [Epub ahead of print] PubMed PMID: 29969943.
  184. Wang JS, Conley YP, Sereika SM, Bender CM, Godbole P, Wesmiller SW. Examining the effect of 5-HTTLPR on depressive symptoms in postmenopausal women 1 year after initial breast cancer treatment. *Support Care Cancer*. 2018 Jul 7. doi:10.1007/s00520-018-4332-9. [Epub ahead of print] PubMed PMID: 29982901.
  185. Kumar RG, Breslin KB, Ritter A, Conley YP, Wagner AK M.D. Variability with Astroglial Glutamate Transport Genetics is Associated with Increased Risk for Post-Traumatic Seizures. *J Neurotrauma*. 2018 Jul 12. doi: 10.1089/neu.2018.5632. [Epub ahead of print] PubMed PMID: 29999457.
  186. Wright F, Dunn LB, Paul SM, Conley YP, Levine JD, Hammer MJ, Cooper BA, Miaskowski C, Kober KM. Morning Fatigue Severity Profiles in Oncology Outpatients Receiving Chemotherapy. *Cancer Nurs*. 2018 Jul 17. doi: 10.1097/NCC.0000000000000626. [Epub ahead of print] PubMed PMID: 30024437.
  187. Jha RM, Elmer J, Zusman BE, Desai S, Puccio AM, Okonkwo DO, Park SY, Shutter LA, Wallisch JS, Conley YP, Kochanek PM. Intracranial Pressure Trajectories: A Novel Approach to Informing Severe Traumatic Brain Injury Phenotypes. *Crit Care*
-

- Med. 2018 Nov;46(11):1792-1802. doi: 10.1097/CCM.0000000000003361. PubMed PMID:30119071; PubMed Central PMCID: PMC6185785.
188. Kober KM, Mazor M, Abrams G, Olshen A, Conley YP, Hammer M, Schumacher M, Chesney M, Smoot B, Mastick J, Paul SM, Levine JD, Miaskowski C. Phenotypic Characterization of Paclitaxel-Induced Peripheral Neuropathy in Cancer Survivors. *J Pain Symptom Manage*. 2018 Aug 30. pii: S0885-3924(18)30447-0. doi: 10.1016/j.jpainsymman.2018.08.017. [Epub ahead of print] PubMed PMID: 30172061.
189. Mazor M, Smoot BJ, Mastick J, Mausisa G, Paul SM, Kober KM, Elboim C, Singh K, Conley YP, Mickevicius G, Field J, Hutchison H, Miaskowski C. Assessment of local tissue water in the arms and trunk of breast cancer survivors with and without upper extremity lymphoedema. *Clin Physiol Funct Imaging*. 2018 Sep 12. doi: 10.1111/cpf.12541. [Epub ahead of print] PubMed PMID: 30207039.
190. Merriman JD, Sereika SM, Conley YP, Koleck TA, Zhu Y, Phillips ML, Bertocci MA, Brufsky AM, Bender CM. Exploratory Study of Associations Between DNA Repair and Oxidative Stress Gene Polymorphisms and Cognitive Problems Reported by Postmenopausal Women With and Without Breast Cancer. *Biol Res Nurs*. 2018 Sep 13:1099800418799964. doi: 10.1177/1099800418799964. [Epub ahead of print] PubMed PMID: 30213196.
191. Miaskowski C, Paul SM, Mastick J, Abrams G, Topp K, Smoot B, Kober KM, Chesney M, Schumacher M, Conley YP, Hammer M, Cheung S, Borsook D, Levine JD. Contribution of Loss of Large Fiber Function to Pain in Two Samples of Oncology Patients. *Clin J Pain*. 2018 Sep 21. doi: 10.1097/AJP.0000000000000649. [Epub ahead of print] PubMed PMID: 30247200.
192. Utne I, Løyland B, Grov EK, Rasmussen HL, Torstveit AH, Cooper BA, Mastick J, Mazor M, Wong M, Paul SM, Conley YP, Jahan T, Ritchie C, Levine JD, Miaskowski C. Distinct attentional function profiles in older adults receiving cancer chemotherapy. *Eur J Oncol Nurs*. 2018 Oct;36:32-39. doi: 10.1016/j.ejon.2018.08.006. Epub 2018 Aug 22. PubMed PMID: 30322507; PubMed Central PMCID: PMC6193264.

### **Books and Book Chapters**

Conley YP (2003) Chapter 5: Genetics, In *Professional Guide to Pathophysiology*, Lippincott Williams and Wilkins, New York, NY ISBN: 1-58255-239-8

Bernardo LM, Thomas DO, Conley YP (2003) Chapter 3: The Future of Pediatric Emergency Nursing, In *Core Curriculum for Pediatric Emergency Nursing*, Jones and Bartlett Publishers, Sudbury, MA, ISBN: 0-7637-0176-9

Conley YP (2006) Chapter 4: Genetics and Health Applications, In *Lippincott Manual of Nursing Practice*, Eighth Edition, Lippincott Williams and Wilkins, New York, NY ISBN: 1-58255-342-4

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November 2018

Conley YP (2006) Part 1 Central Concepts: Genetics, In *Atlas of Pathophysiology*, Second Edition, Lippincott Williams and Wilkins, New York, NY ISBN: 1-58255-364-5

Conley YP (2007) Chapter 12: Genetic Disorders, In *Portable Pathophysiology*, Lippincott Williams and Wilkins, New York, NY ISBN: 1-58255-455

Conley YP (2009) Chapter 2: Genetics, In *Anatomy and Physiology Made Incredibly Easy!* 3<sup>rd</sup> Edition, Lippincott Williams and Wilkins, New York, NY ISBN: 0-7817-8886-2

Conley YP (2009) Biological Research in Nursing Special Issue on Genetics and Genomics in Nursing Research. Volume 11 Issue 1. **Volume Editor** ISBN 1099-8004

Conley YP (2010) Chapter 15: Research: Making a Difference in Practice, In Calzone KA, Masny A, Jenkins J (Eds.) *Genetics and Genomics in Oncology Nursing Practice*, Oncology Nursing Society, Pittsburgh, PA, ISBN: 978-1-890504-91-5

Conley YP (2015) Annual Review of Nursing Research: Traumatic Brain Injury Volume 33. Springer Publishing Company, New York, NY **Volume Editor**. ISBN 978-0-8261-7162-7

Conley YP (2016) Chapter 21: Genomic, Transcriptomic, Epigenomic, and Proteomic Approaches, In Henly SJ (Ed) *Routledge International Handbook of Advanced Quantitative Methods in Nursing Research*, Routledge, New York, NY ISBN: 978-0-415-52180-2

## **Other Publications**

Conley YP (2011) Module 1: Cancer Genomics; Module 3: Cancer Biology; Module 9: Web Based Resources, In *Oncology Nursing Society Cancer Genetics Webcourse*, Oncology Nursing Society, Pittsburgh, PA

## **RESEARCH FUNDING**

### **CURRENT:**

Funding Agency:	NIH/NCI
Grant Number:	R01CA221882
Title of Grant:	Epigenomics of Neurocognitive Function in Breast Cancer
Principal Investigator:	Conley
Conley Role on Grant:	PI
Years Inclusive:	6/2018 – 5/2023
Percent Effort:	20.0 %
Total Direct Costs:	\$2,085,489

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November 2018

Funding Agency: NIH/NINR  
Grant Number: R01NR013610  
Title of Grant: Epigenomics of Patient Outcomes after Aneurysmal SAH  
Principal Investigator: Conley  
Conley Role on Grant: PI  
Years Inclusive: 9/2012 - 10/2018  
Percent Effort: 20.0 %  
Total Direct Costs: \$2,749,754

Funding Agency: NIH/NINR  
Grant Number: T32NR009759  
Title of Grant: Targeted Research and Academic Training for Nurses in Genomics  
Principal Investigator: Conley, Yvette  
Conley Role on Grant: PI  
Years Inclusive: 7/2006 - 6/2021

Funding Agency: National Institute on Disability and Rehabilitation Research  
Grant Number: H133A120087  
Title of Grant: Disability and Rehabilitation Research Projects and Centers Program TBIMSC  
Principal Investigator: Wagner  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 10/2012 - 9/2017  
Percent Effort: 10.0 %

Funding Agency: NIH/NINR  
Grant Number: K99NR013176  
Title of Grant: Transcriptomics in Traumatic Brain Injury: Relationship to Brain Oxygenation  
Principal Investigator: Puccio  
Conley Role on Grant: Primary Mentor for K99, Co-investigator for R00  
Years Inclusive: 7/2012 - 6/2018  
Percent Effort: 5.0% for R00

Funding Agency: NIH/NCI  
Grant Number: R01CA187160  
Title of Grant: Biomarker and Phenotypic Risk Factors for Breast Cancer Lymphedema  
Principal Investigator: Miaskowski, Christine  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 7/2015 – 6/2020

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November 2018

Funding Agency: NIH/NIAMS  
Grant Number: R01AR068317  
Title of Grant: GENOMICS OF VARIABILITY IN PROGRESSION AND SEVERITY OF SKIN FIBROSIS  
Principal Investigator: Yates, Cecelia  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 5/2016 – 4/2019

Funding Agency: NIH/NINR  
Grant Number: R01NR01669  
Title of Grant: Genomic Underpinnings for Breast Cancer Treatment Induced Nausea and Vomiting  
Principal Investigator: Wesmiller, Susan  
Effort on Project: 0.6 calendar months  
Years Inclusive: 01/2018 – 6/2021  
Total Amount Awarded: \$29,946 (sub only)

Funding Agency: NIH/NINR  
Grant Number: R01NR01669  
Title of Grant: Genomic Underpinnings for Breast Cancer Treatment Induced Nausea and Vomiting  
Principal Investigator: Wesmiller, Susan  
Effort on Project: 0.6 calendar months  
Years Inclusive: 01/2018 – 6/2021  
Total Amount Awarded: \$29,946 (sub only)

Funding Agency: NIH/NINR  
Grant Number: R01NR017407  
Title of Grant: A Multivariate Predictive Model for Long-Term Disability Post Subarachnoid Hemorrhage  
Principal Investigator: Stanfill, Ansley  
Effort on Project: 0.6 calendar months  
Years Inclusive: 07/2018 – 07-2021  
Total Amount Awarded: \$55,770 (sub only)

Funding Agency: NIH/NINR  
Grant Number: R01NR018160  
Title of Grant: Sex steroids and IGF1 in the CNS following aSAH and their relationship to patient outcomes  
Principal Investigator: Crago, Elizabeth  
Effort on Project: 0.6 calendar months

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November 2018

Years Inclusive: 09/2018 – 07-2021  
Total Amount Awarded: \$33,462 (sub only)

**COMPLETED:**

Funding Agency: NIH/NINR  
Grant Number: R21NR015142  
Title of Grant: Epigenomics of Patient Outcomes after Traumatic Brain Injury  
Principal Investigator: Conley, Yvette  
Conley Role on Grant: PI  
Percent Effort: 10.0 %

Funding Agency: NIH/NCI  
Grant Number: R01CA151692  
Title of Grant: Characterization of and Treatment for Chemotherapy  
Neuropathy  
Principal Investigator: Miaskowski, Christine  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 9/2011 – 8/2017

Funding Agency: NIH/NINR  
Grant Number: R01NR013342  
Title of Grant: Genomic Variability and Symptomatology After Traumatic  
Brain Injury  
Principal Investigator: Conley, Yvette  
Conley Role on Grant: PI  
Total Amount Awarded: \$1,243,250

Funding Agency: NIH/NINR  
Grant Number: R01NR008424  
Title of Grant: Mitochondrial Genetics of Recovery after Brain Injury  
Principal Investigator: Conley, Yvette  
Conley Role on Grant: PI  
Total Amount Awarded: \$1,017,000

Funding Agency: NIH/NINR  
Grant Number: 5R01NR004801-05  
Title of Grant: THE EFFECT OF APOE ON OUTCOMES IN TBI ADULTS  
Principal Investigator: CONLEY, YVETTE P.  
Conley Role on Grant: PI  
Total Amount Awarded: \$447,488

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November 2018

Funding Agency: NIH/NIA  
Grant Number: 1R21AG024177-01A1  
Title of Grant: The Genetic Basis of a Disease Free Model of Aging  
Principal Investigator: CONLEY, YVETTE P.  
Conley Role on Grant: PI  
Total Amount Awarded: \$334,125

Funding Agency: NIH/NINR  
Grant Number: R01NR004339  
Title of Grant: Determining Genetic and Biomarker Predictors of DCI and Longterm Outcomes after SAH  
Principal Investigator: Sherwood, Paula and Poloyak, Samuel  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 9/2009 - 8/2014  
Percent Effort: 5.0%

Funding Agency: NIH/NINR  
Grant Number: R21NR012288  
Title of Grant: Proinflammatory Biomarkers and Post-Breast Cancer Lymphedema  
Principal Investigator: Mei Fu  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 9/2011 - 7/2014  
Percent Effort: 5.0 %

Funding Agency: Alzheimer's Association  
Grant Number: NIRG-01-2564  
Title of Grant: The Calcium-Sensing Receptor and Alzheimer's Disease  
Principal Investigator: CONLEY, YVETTE P.  
Conley Role on Grant: PI  
Total Amount Awarded: \$100,000

Funding Agency: Central Medical Research Fund, University of Pittsburgh  
Grant Number: PUH0010382  
Title of Grant: Mitochondrial Variation and Heteroplasmy in Functional Outcome Following Neurotrauma  
Principal Investigator: CONLEY, YVETTE P.  
Conley Role on Grant: PI  
Total Amount Awarded: \$25,000

Funding Agency: NIH/NINR  
Grant Number: F31NR008970

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November 2018

Title of Grant: Genetic Basis of Diabetic Retinopathy  
Principal Investigator: Charles, Bashira  
Conley Role on Grant: Sponsor

Funding Agency: NIH/NEI  
Grant Number: R01EY09859  
Title of Grant: Genetics of Age-Related Maculopathy  
Principal Investigator: Gorin, Michael B  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 8/1993 - 3/2014  
Total Amount Awarded: \$224,053 annual subcontract

Funding Agency: Oncology Nursing Society Foundation  
Title of Grant: IMPROVING CLINICAL PRACTICE TO EMPOWER  
BREAST CANCER PATIENTS: REDUCING THE RISK OF  
LYMPHEDEMA  
Principal Investigator: Fu, Mei  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 9/2011 - 9/2013

Funding Agency: NIH/NINR  
Grant Number: F31NR012602  
Title of Grant: GENOMICS OF THE VEGF PATHWAY IN NEONATAL  
RESPIRATORY DISTRESS SYNDROME  
Principal Investigator: Snyder, Chantel  
Conley Role on Grant: Sponsor  
Years Inclusive: 1/2011 - 8/2013

Funding Agency: Department of Defense  
Grant Number: W81XWH-07-0701  
Title of Grant: Biomarkers Evaluating and Treating Acute and Chronic TBI  
Principal Investigator: Wagner, Amy  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 7/2008 - 12/2012  
Total Amount Awarded: \$100,863

Funding Agency: NIH/NINR  
Grant Number: F31NR011379  
Title of Grant: Genomics of the Endoglin Pathway in Preeclampsia  
Principal Investigator: Bell, Mandy J  
Conley Role on Grant: Sponsor  
Years Inclusive: 9/2009 - 8/2012

Funding Agency: NIH/NINDS  
Grant Number: P01NS030318  
Title of Grant: Emerging Therapeutics for Traumatic Brain Injury (TBI)-Acute

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Principal Investigator: Chronic Changes  
Dixon, C. Edward  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 9/2009 - 8/2011  
Total Amount Awarded: \$58,251

Funding Agency: NIH/NICHD  
Grant Number: R01HD048162  
Title of Grant: Dopamine Genetic Variants Modulating Recovery after TBI  
Principal Investigator: Wagner, Amy  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 9/2005 - 6/2011  
Total Amount Awarded: \$67,142

Funding Agency: Oncology Nursing Society Foundation  
Title of Grant: Genomics of Cognitive Function in Breast Cancer  
Conley Role on Grant: PI  
Years Inclusive: 5/2009 - 4/2011  
Total Amount Awarded: \$50,000

Funding Agency: NIH/NINR  
Grant Number: F31NR014590  
Title of Grant: Cognitive Function and Breast Cancer: Genomics and  
Disease Characteristics  
Principal Investigator: Koleck, Theresa  
Conley Role on Grant: Sponsor  
Years Inclusive: 12/2013 - 4/2016

Funding Agency: Jewish Healthcare Foundation  
Title of Grant: The JHF Data Science Fellowship: An Inter-professional  
Training Program in Big Data, Healthcare Analytics, and  
Personalized Medicine  
Principal Investigator: Jacobson, Rebecca  
Conley Role on Grant: Co-Investigator  
Years Inclusive: 9/2015 – 8/2016

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## PRESENTATIONS

**Invited Presentations are denoted with “\*\*”**

### International

- August/September 2016    \*\*Invited Faculty  
Swiss PhD Platform in Nursing Science Education (SPINE)  
Developed and delivered week-long workshop titled “Genomics and Science of Symptom Management”  
Basel, Switzerland
- November 2015    \*\*Invited Speaker  
International Society of Nurses in Genetics  
Presentation titled: Omics of Patient Outcomes After Neurological Insult  
Pittsburgh, PA
- November 2014    \*\*Invited Speaker  
International Society of Nurses in Genetics  
Presentation titled: State of the Science in Omics Technologies  
Phoenix, AZ
- February 2014    \*\*Invited Speaker  
Association of Academic Physiatrists Annual Research Conference  
Presentation titled: “Genomics/Genetics Principles for Biomarker Research”  
Nashville, TN
- February 2011    \*\*Invited Keynote Speaker  
Oncology Nursing Society Research Conference  
Presentation titled “Genomic Approaches in Oncology Research”  
Los Angeles, CA
- October 2009    \*\*Invited Keynote Speaker  
Council for the Advancement of Nursing Science, State of the Science Conference  
Presentation titled “Practical Considerations in Genomic Research”  
Washington, DC
- October 2006    \*\*International Society of Nurses in Genetics (ISONG)
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Invited Presentation titled "Genome Wide Association Studies"  
New Orleans, LA

- October 2005      \*\*International Society of Nurses in Genetics (ISONG)  
Pre-conference Workshop: "Genetic Epidemiology Research  
Strategies"  
Role in workshop: Developed and presented 2 lectures titled: Family  
Studies and Genetic Linkage, Case-Control Studies and Disease  
Association  
Salt Lake City, UT
- May 2005            Association for Research in Vision and Ophthalmology  
Slide Presentation titled "Association of the ELOVL4 gene with  
age-related maculopathy"  
Fort Lauderdale, Florida
- October 2004      \*\*International Society of Nurses in Genetics (ISONG)  
Invited Plenary Speech titled "Harnessing Novel Genetic  
Technologies for Research and Clinical Applications"  
Toronto, Ontario, Canada
- July 2004            9<sup>th</sup> International Conference on Alzheimer's Disease and Related  
Disorders  
Poster presentation titled "The Calcium Sensing Receptor in  
Alzheimer Disease Susceptibility"  
Philadelphia, PA

## **National**

- September 2016    \*\*Scientific Moderator  
National Institute of Nursing Research 30<sup>th</sup> Anniversary Symposium  
"Advancing Science, Improving Lives: A Window to the Future"  
Washington DC
- June 2016            \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented lectures titled "Research Methodologies: Linkage and  
Association Studies", "Research Methodologies: Expression and  
Epigenetic Studies", "Research Methodologies: Subject Recruitment  
and Consenting", "Research Methodologies: Genomic Databases"  
and "Research Methodologies: Gene Environment Studies",  
Bethesda, MD
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- January 2016      \*\*American Association of Colleges of Nursing  
Presentation titled: Integrating Omics Content in PhD Programs  
Naples, FL
- June 2015        \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented lectures titled “Research Methodologies: Linkage and  
Association Studies”, “Research Methodologies: Expression and  
Epigenetic Studies”, “Research Methodologies: Subject Recruitment  
and Consenting”, “Research Methodologies: Genomic Databases”  
and “Research Methodologies: Gene Environment Studies”,  
Bethesda, MD
- October 2014    American Society of Human Genetics  
Poster presentation titled: Novel Locus in 15q23 Implicated in  
Recovery after Severe Traumatic Brain Injury  
San Diego, CA
- June 2014        \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented six lectures titled “Research Methodologies: Linkage  
Studies”, “Research Methodologies: Association Studies”,  
“Research Methodologies: Expression and Epigenetic Studies”,  
“Research Methodologies: Subject Recruitment and Consenting”,  
“Research Methodologies: Genomic Databases” and “Research  
Methodologies: Gene Environment Studies”, Bethesda, MD
- April 2014       2014 NIH WALs Symposium-Transformational Medicine in the  
Mitochondrial Age  
Presentation titled: “The mitochondrial genome and outcomes after  
traumatic brain injury”  
Bethesda, MD
- March 2014      \*\*Invited Colloquium Speaker  
University of Pennsylvania  
Presentation titled: “Genomics of Patient Outcomes after  
Neurological Insult”  
Philadelphia, PA
- August 2013     \*\*Invited Presenter  
NINR Genomic Nursing Science Blueprint Workshop  
Presentation titled: “Basic/Clinical Genomics-Based Nursing  
Research: State of the Science, Challenges, and Opportunities”  
Bethesda, MD
- June 2013        \*\*National Institutes of Health/National Institute of Nursing Research
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Summer Genetics Institute  
Presented six lectures titled “Research Methodologies: Linkage Studies”, “Research Methodologies: Association Studies”, “Research Methodologies: Expression and Epigenetic Studies”, “Research Methodologies: Subject Recruitment and Consenting”, “Research Methodologies: Genomic Databases” and “Research Methodologies: Gene Environment Studies”, Bethesda, MD

- April 2013      \*\*Invited Seminar Speaker  
University of Pennsylvania  
Presentation titled: “The Application of Genetic and Genomic Research to Nursing Science”
- March 2013      \*\*Invited Seminar Speaker  
Magnet Hospital Nursing Practice Champions  
National Human Genome Research Institute/American Nurses Association/West Virginia University  
Presentation titled: “Genomic Technologies”
- March 2013      \*\*Invited Webinar Speaker  
National Human Genome Research Institute  
Presentation titled: “Current and Emerging Technology Approaches in Genomics”
- November 2012      American Society of Human Genetics  
Poster Presentation titled: “Mitochondrial Haplogroups and Age-Related Maculopathy”  
San Francisco, CA
- June 2012      \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented six lectures titled “Research Methodologies: Linkage Studies”, “Research Methodologies: Association Studies”, “Research Methodologies: Expression and Epigenetic Studies”, “Research Methodologies: Subject Recruitment and Consenting”, “Research Methodologies: Genomic Databases” and “Research Methodologies: Gene Environment Studies”, Bethesda, MD
- April 2012      \*\*Beatrice Renfield Visiting Scholar  
Yale University  
Presentation titled “The Application of Genetic and Genomic Research for Nursing”  
New Haven, CT
- February 2012      \*\*Invited Seminar Speaker  
University of Maryland Nursing Research Colloquium
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Patient	Presentation titled "Applying Genetic and Genomic Research to Outcomes after Injury" Baltimore, MD
June 2011	**National Institutes of Health/National Institute of Nursing Research Summer Genetics Institute Presented six lectures titled "Research Methodologies: Linkage Studies", "Research Methodologies: Association Studies", "Research Methodologies: Expression and Epigenetic Studies", "Research Methodologies: Subject Recruitment and Consenting", "Research Methodologies: Genomic Databases" and "Research Methodologies: Gene Environment Studies", Bethesda, MD
June 2010	**National Institutes of Health/National Institute of Nursing Research Summer Genetics Institute Presented six lectures titled "Research Methodologies: Linkage Studies", "Research Methodologies: Association Studies", "Research Methodologies: Expression and Epigenetic Studies", "Research Methodologies: Subject Recruitment and Consenting", "Research Methodologies: Genomic Databases" and "Research Methodologies: Gene Environment Studies", Bethesda, MD
June 2010	**Invited Seminar Speaker Virginia Commonwealth University Center for Excellence for Biobehavioral Approaches to Symptom Management Seminar Series Presentation titled "Integrating Molecular Genetics for the Advancement of Nursing Science" Richmond, VA
October 2010	American Society of Human Genetics Conference Poster presentation titled "Mitochondrial Polymorphisms Impact Mitochondrial Function and Outcomes Attained after Severe Traumatic Brain Injury" Washington, DC
October 2010	**Mary Martha and Ed Stinnett Visiting Scholar Invited Lectureship University of Texas Presentation titled "Genomics of Recovery from Acquired Brain Injury" Houston, TX
November 2010	**Invited Seminar Speaker Ohio State University Nursing Research Colloquium

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Presentation titled "Integrating Molecular Genetics for the  
Advancement of Nursing Science"  
Columbus, OH

- March 2011      \*\*Invited Seminar Speaker  
Wayne State University Faculty Genetics and Genomics Series  
Presentation titled "Practical Considerations in Genomic Research"  
Detroit, MI
- June/July 2009      \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented five lectures titled "Research Methodologies: Linkage  
Studies", "Research Methodologies: Association Studies",  
"Research Methodologies: Expression Studies", "Research  
Methodologies: Subject Recruitment and Consenting" and  
"Research Methodologies: Gene Environment Studies", Bethesda,  
MD
- September 2009      \*\*Invited Lecture and named "Faculty Champion"  
National Institutes of Health/National Human Genome Research  
Institute  
Presentation titled "Models of Curriculum Integration:  
Interdisciplinary Model"  
Bethesda, MD
- November 2008      American Society of Human Genetics Conference  
Poster presentation titled "Mitochondrial Genetics of Outcomes  
Attained after Traumatic Brain Injury", Philadelphia, PA
- November 2008      \*\*American Society of Human Genetics  
Pre-conference Workshop: "Online Databases and Resources for  
Genetic Research and Education"  
Role in workshop: Developed and presented lecture, Philadelphia,  
PA
- June/July 2008      \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented five lectures titled "Research Methodologies: Linkage  
Studies", "Research Methodologies: Association Studies",  
"Research Methodologies: Expression Studies", "Research  
Methodologies: Subject Recruitment and Consenting" and  
"Research Methodologies: Gene Environment Studies", Bethesda,  
MD
- March 2008      \*\*University of North Carolina, Sigma Theta Tau International Honor  
Society Research Conference
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Invited Keynote Speaker titled “Future of Genomic Nursing Research” Wilmington, NC

- October 2007 American Society of Human Genetics Conference  
Poster presentation titled “Influence of Gender on mtDNA quantity in Traumatic Brain Injury”, San Diego, CA
- June 2007 \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented five lectures titled “Research Methodologies: Linkage Studies”, “Research Methodologies: Association Studies”, “Research Methodologies: Expression Studies”, “Research Methodologies: Subject Recruitment and Consenting” and “Research Methodologies: Gene Environment Studies”, Bethesda, MD
- October 2006 American Society of Human Genetics Conference  
Poster presentation titled “CFH and LOC387715 genes and susceptibility to Age-Related Maculopathy: AREDS cohort and a meta-analysis”,  
New Orleans, LA
- June 2006 \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented five lectures titled “Research Methodologies: Linkage Studies”, “Research Methodologies: Association Studies”, “Research Methodologies: Expression Studies”, “Research Methodologies: Subject Recruitment and Consenting” and “Research Methodologies: Gene Environment Studies”  
Bethesda, MD
- February 2006 \*\*University of Arizona  
Invited Lecture titled “Mitochondrial Genetics of Recovery after Brain Injury”  
Tucson, AZ
- October 2005 American Society of Human Genetics Conference  
Poster presentation titled “No evidence of interaction between chromosomes 1q31 and 10q26 in age-related maculopathy (ARM)”  
  
Salt Lake City, UT
- June 2005 \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute
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Presented five lectures titled “Research Methodologies: Linkage Studies”, “Research Methodologies: Association Studies”, “Research Methodologies: Expression Studies”, “Research Methodologies: Subject Recruitment and Consenting” and “Research Methodologies: Gene Environment Studies”  
Bethesda, MD

- October 2004      American Society of Human Genetics Conference  
Poster presentation titled “Positional Candidate Gene Evaluation for Age-Related Maculopathy”  
Toronto, Ontario, Canada
- June 2004        \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented three lectures titled “Research Methodologies: Linkage Studies”, “Research Methodologies: Association Studies”, and “Research Methodologies: Expression Studies”  
Bethesda, MD
- May 2004        \*\*American Thoracic Society Conference  
Presented invited lecture titled: “How Genetics has Altered Management of Patients with Cystic Fibrosis”  
Orlando, FL
- November 2003   American Society of Human Genetics Conference  
Poster presentation titled “Variant in Calcium-Sensing Receptor Region is Associated with Alzheimer Disease Status”  
Los Angeles, CA
- June 2003        \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented lecture titled “Molecular Genetic Research: Designs and Methods”  
Bethesda, MD
- April 2003        Linking the Double Helix with Health: Genetics in Nursing Research  
National Institutes of Health/National Institute of Nursing Research  
Poster presentation titled “ Mitochondrial DNA deletions are Associated with Glasgow coma score in traumatic brain injured patients”
- October 2002     American Society of Human Genetics Conference  
Poster presentation titled “Association of mitochondrial deletions with Glasgow coma score in traumatic brain injured patients”  
Baltimore, MD
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- July 2002      \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented lecture titled "Establishing a research collaboration with a  
geneticist"  
Bethesda, MD
- June 2002      \*\*National Institutes of Health/National Institute of Nursing Research  
Summer Genetics Institute  
Presented lecture titled "Molecular Genetic Research: Designs and  
Methods"  
Bethesda, MD
- October 2001      American Society of Human Genetics Conference  
Poster presentation titled "Association of the calcium-sensing  
receptor gene in Alzheimer's disease susceptibility" San Diego, CA
- September 2001      \*\*Introduction to Human Genetics Workshop for Nursing Faculty  
Case Western Reserve Frances Payne Bolton School of Nursing  
Cleveland, OH  
Role in workshop: Developed and presented all-day workshop
- October 2000      American Society of Human Genetics Conference  
Poster presentation titled "ApoE and APP are alternative ligands for  
the calcium-sensing receptor" Philadelphia, PA
- October 1999      American Society of Human Genetics Conference  
Poster presentation titled "Glutathione peroxidase 3: Identification of  
promoter region polymorphisms and association with age-related  
maculopathy" San Francisco, CA
- October 1997      American Society of Human Genetics Conference  
Poster presentation titled "Gain of function mutations within the  
Ca-sensing receptor gene of patients with autosomal dominant  
hypocalcemia identifies functional domains of this receptor"  
Baltimore, MD
- September 1994      American Society of Human Genetics Conference  
Slide presentation titled "A missense mutation in the Ca-sensing  
receptor gene causes familial autosomal dominant  
hypoparathyroidism"  
Montreal, Quebec

**Local**

- May 2016      Big Data, Healthcare Analytics, and Personalized Medicine Course
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Presentation titled: Collecting Family Medical History and Ancestry Data

- April 2016      Big Data, Healthcare Analytics, and Personalized Medicine Course  
Presentation titled: Genotyping arrays and NGS
- March 2015      \*\*Human Genetics Research Seminar Series  
Genomics of Patient Outcomes after Neurological Injury  
Pittsburgh, PA
- October 2014    \*\*Invited Moderator  
K99 Panel Discussions  
University of Pittsburgh  
Pittsburgh, PA
- May 2010        \*\*Nursing Horizons Conference  
Pittsburgh, PA  
Presentation titled "Application of Genetics in the Clinical Setting"
- November 2008   \*\*UPMC Fourth Annual Pain Symposium  
Presented seminar titled "Genetics of Pain"
- December 2008   \*\*University of Pittsburgh  
Department of Human Genetics Seminar Series  
Presented seminar titled "Genomics of Outcome Attained after TBI"
- April 2008        \*\*The Center for Aging and Population Health Seminar  
Presented Invited lecture titled "The Cardiovascular Health Study  
(CHS): Aging Lens Sub-Study"
- February 2007    \*\*Safar Center Invited Lecture  
Presented lecture titled "Mitochondrial Genetics and TBI"
- January 2007     \*\*Pittsburgh Neurotrauma Consortium  
Presented lecture titled "Mitochondrial Genetics and TBI"
- November 2006   \*\*Panther Rehab Rounds, University of Pittsburgh  
Presented lecture titled "A Role for the Mitochondria in Outcomes  
Attained after TBI"
- August 2006     \*\*Pharmacology Update Conference, University of Pittsburgh  
Keynote Presentation titled "Pharmacogenomics"
- March 2004        \*\*University Wide Endocrine Conference
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Presented lecture titled "Genetic Testing for Type 1 Diabetes in Families: Translating Results from the Laboratory to the Community"  
Pittsburgh, PA

- April 2003      \*\*Pharmacology Update for Advanced Practice Clinicians  
Presented lecture titled "Pharmacogenetics"  
Pittsburgh, PA
- March 2003      \*\*Alzheimer's Disease Research Center's Topics at Noon  
Presented to researchers and clinicians of the ADRC at the  
University of Pittsburgh "The Calcium Sensing Receptor in  
Alzheimer's Disease"
- March 2003      \*\*Introduction to Human Genetic Research Workshop  
University of Pittsburgh Institutional Review Board  
Role in workshop: Developed and presented 2-hour workshop
- May 2002        \*\*Ophthalmology Research Seminar  
University of Pittsburgh Department of Ophthalmology  
Presented lecture titled "Candidate Gene Analysis for Age-Related  
Maculopathy"
- March 2001      \*\*Nursing Horizons Conference  
Presented lecture titled "Introduction to Medical Genetics"  
Pittsburgh, PA.
- June 2000        \*\*Fundamentals of Human Subject Research Workshop  
University of Pittsburgh Research Conduct and Compliance Office  
Role in workshop: Presented session titled "Ethical, Legal and  
Social Issues in Genetic Research"
- May 2000        Introduction to Human Genetics Workshop for Nursing Faculty  
University of Pittsburgh School of Nursing Faculty  
Role in workshop: Developed and presented entire workshop over  
the course of 4 days
- May 2000        \*\*Adult Endocrine Research Seminar  
University of Pittsburgh Department of Endocrinology and  
Metabolism Presented lecture titled "The Calcium Sensing Receptor  
in Autosomal Dominant Hypocalcemia"
- March 2000      \*\*Department of Human Genetics Research Seminar  
University of Pittsburgh Department of Human Genetics  
Presented lecture titled "A Day in the Life of the Calcium-Sensing  
Receptor"
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## OTHER SCHOLARLY ACTIVITIES

### Editorial Board(s)

2006 – 2013 and  
2015 – Present      Board Member, Biological Research for Nursing  
2013 – Present      Board Member, Heart and Lung

### Guest Editor

2009      Biological Research for Nursing  
Special Issue on Genetics and Genomics in Nursing Research;  
Volume 11

2015      Annual Review of Nursing Research  
Special Issue on Traumatic Brain Injury  
Volume 33

### Manuscript Reviewer

2001 - Present      Human Mutation  
2001 - Present      Molecular Genetics and Metabolism  
2001 - Present      Medsurg Nursing: The Journal of Adult Health  
2003 - Present      Journal of Molecular Endocrinology  
2005 - Present      Biological Research for Nursing  
2006 - Present      Journal of Nursing Scholarship  
2006 - Present      Human Molecular Genetics  
2007 - Present      Expert Review of Ophthalmology  
2008 - Present      Neurobiology of Aging  
2010 - Present      Molecular Vision  
2012 - Present      The Lancet Neurology  
2013 - Present      Journal of Neurotrauma  
2014 – Present      Nursing Research  
2017 – Present      Neurology: Genetics

### Grant Reviewer

2001 - Present      Reviewer, Alzheimer's Association  
2004 - 2009      Ad Hoc Reviewer, NIH, Nursing Science: Children and Families  
(NSCF) Study Section

2006 - Present      Reviewer, Central Medical Research Fund, University of Pittsburgh  
2007 - Present      Ad Hoc Reviewer, Department of Defense  
2009 - 2013      Standing Member (Chair 2011-2012, NIH; Nursing and Related

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2013 – Present Clinical Sciences (NRCS) Study Section  
Ad Hoc Reviewer, NIH Study Sections

### **PATENTS**

Gorin MB, Jakobsdottir J, Conley YP, Weeks DE, Mah-Fraser TS, Ferrell RE;  
Susceptibility Genes for Age-Related Maculopathy (ARM) on Chromosome 10q26.  
**US 7,695,909** Issued on 2010 Apr 13 and **US 8,053,190** issued on 2011 Nov 8

Taura L. Barr, Maria Del Mar Matarin, Steven Jay Warach, Andrew Barry Singleton,  
Yvette P. Conley; Biomarkers for acute ischemic stroke. **US 9,200,322** issued on  
2015 Dec 1

### **TEACHING**

#### **Undergraduate Courses**

<b>Year(s)</b>	<b>Course Number &amp; Title</b>	<b>Role</b>
2001 - 2005	NUR1680, Human Genetics and Molecular Therapeutics	Instructor

#### **Graduate Courses**

<b>Year(s)</b>	<b>Course Number &amp; Title</b>	<b>Role</b>
2001 - 2007	HUGEN2017/NUR2680, Human Genetics and Molecular Therapeutics	Instructor
2001 - Present	NUR2681, Advanced Topics in Human Genetics	Instructor
2008 - 2017	NUR3051, Building a Program of Research	Instructor
2000 - Present	NUR3045, Research Practicum	Preceptor

#### **Programs**

<b>Year(s)</b>		
2003 - Present	Post Master's Certificate in Healthcare Genetics, Post Baccalaureate Certificate in Healthcare Genetics and Minor in Nursing Genetics Programs	Director

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2006 – Present	NIH T32 T32NR009759 Targeted Research and Academic Training for Nurses in Genomics	Director
2013 – Present	NIH T32 T32HD04068 Pediatric Neurointensive Care and Resuscitation Research	Training Faculty
2016	Big Data, Healthcare Analytics and Personalized Medicine; workshops for health care providers; funded by the Jewish Health Care Foundation	Co-Director

## SERVICE

### School/University Committees

1996 - 1999	Member, Graduate School of Public Health Safety Committee, University of Pittsburgh
1997 - Present	Member, University of Pittsburgh Chemical Hygiene Committee
2000 - 2005	Member, Bachelor of Science in Nursing Council, University of Pittsburgh, School of Nursing
2000 - 2009	Member, Master of Science in Nursing Council, University of Pittsburgh, School of Nursing
2001 - 2002	Member, Continuing Education Committee, University of Pittsburgh, School of Nursing
2001 - 2003	Member, Admissions, Progression and Graduation Committee, University of Pittsburgh, School of Nursing
2002 - 2003	Member, Teaching Evaluation Committee, University of Pittsburgh, School of Nursing
2002 - 2005	Member, Ph.D. in Nursing Curriculum Committee
2002 - 2008	Member, University of Pittsburgh Institutional Review Board
2002 - 2015	Member, University of Pittsburgh Biohazard Committee
2002 - Present	Member, Ph.D. in Nursing Council, University of Pittsburgh, School of Nursing
2003 - 2005	Chairperson and Member, Bylaws and Policy Committee, University of Pittsburgh, School of Nursing
2005 - 2007	Member, Evidence Based Practice Critical Appraisal Task Force
2009 - 2011	Member, Ph.D. in Nursing Curriculum Committee
2010 - 2012	Member and Chairperson, Planning and Budget
2012 - 2016	Member, Honors College Committee
2012 - 2014	Member, Progression and Graduation PhD
2011 - Present	Member, University of Pittsburgh Postdoctoral Assessment Committee

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2013 - 2015	Member, PhD Curriculum Committee
2014 - Present	Endowed Professor Search Committee
2015 - 2017	Member, Evaluation and Steering
2015 – 2018	Member, School Wide Curriculum Committee
2016 – 2018	Chair, PhD Apprenticeship Task Force
2018 – Present	University Research Council
2018 – Present	University of Pittsburgh Postdoctoral Association Faculty Advisory Board

### **Other Professional Activities**

2017	Board of Scientific Counselors (ad hoc); NIH Clinical Center
2017 – 2021	NIH; National Advisory Council for Nursing Research
2016	Site Visit Team; Medical Scientist Training Program; University of Pittsburgh
2016	Member NINR Intramural Tenure Review Committee
2014	External Review Board member for University of Tennessee School of Nursing PhD Program
2014	Invited member of NINR Genomic Nursing Science Next Steps Workshop
2013	Invited member of the NINR Genomic Nursing Science Blueprint Workshop
2013	Member NINR Intramural Tenure Review Committee
2013 – Present	Member of external advisor committee for Biobehavioral Research Center, University of Pennsylvania School of Nursing
2012 - Present	Invited member of CANS Advisory Committee for PhD Curriculum Development
2012 - 2013	Member of NINR Scientific Director Search Committee
2010 – 2013	Member of external advisory committee for (P30) Symptom Management Faculty Scholars Program, UCSF School of Nursing
2003 – Present	International Society of Nurses in Genetics Research Committee
2003 - 2008	Member, External advisory committee for (P20) on Injury Mechanisms and Related Responses, The University of Arizona, College of Nursing
2002 - Present	Faculty for NIH/National Institute of Nursing Research Summer Genetics Institute
2001 - Present	Member, Mentor Network through the American Society of Human Genetics provides mentoring and consultation to local K-12 teachers to provide learning opportunities to their students.

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### Yvette Conley Table of Trainees

Listed in order of Undergraduate BPhil Chair (past and present); Dissertation Chair (past and present); Dissertation Committee Member (past and present); Postdoctoral trainees; and Junior Faculty funded for mentored training

Trainee Name (Where Training Occurred)	Past / Current Trainee	Pre / Post Level	Training Period	Title of Research Project	Funding Obtained for Research Project	Positions Held by Past Trainees
E. Turi	Past	Under grad	2014-2016	Psychosocial Comorbidities Related to Return to Work Rates Following Aneurysmal Subarachnoid Hemorrhage	<ul style="list-style-type: none"> <li>Honors College</li> <li>BPhil</li> <li>Rising Star Award</li> </ul>	Staff Nurse, Pediatric ICU, Children's Hospital, Pittsburgh
T. Barr (University of Pittsburgh)  Dissertation Chair	Past	Pre	2004-2009	Gene Expression Profiling of Acute Ischemic Stroke	<ul style="list-style-type: none"> <li>NIH/NINR Graduate Partnership Program (GPP)</li> </ul>	Postdoctoral Fellow – National Institute of Nursing Research  Assistant Professor West Virginia University  Robert Wood Johnson Faculty Award  Co-Founder and Chief Science Officer at CereDx Inc
B. Charles (University of Pittsburgh)  Dissertation Chair	Past	Pre	2003-2008	Genetic Basis of Diabetic Retinopathy	<ul style="list-style-type: none"> <li>NIH/NINR Diversity F31NR008970 (Sponsor – Conley)</li> <li>American Nurses Foundation Research Award</li> </ul>	Intramural Research Training Award, Health Disparities Post-Doctoral Fellowship, National Human Genome Research Institute, National Institutes of Health  Assistant Professor Howard University

<b>Trainee Name (Where Training Occurred)</b>	<b>Past / Current Trainee</b>	<b>Pre / Post Level</b>	<b>Training Period</b>	<b>Title of Research Project</b>	<b>Funding Obtained for Research Project</b>	<b>Positions Held by Past Trainees</b>
N. Zangrilli Hoh (University of Pittsburgh)  Dissertation Chair	Past	Pre	2003-2008	Role of BCL2 in Recovery following TBI	<ul style="list-style-type: none"> <li>• Leslie Hoffman Research Award</li> </ul>	Postdoctoral Fellow – University of Pittsburgh  Assistant Professor University of Pittsburgh
M. Bell (University of Pittsburgh)  Dissertation Chair	Past	Pre	2007-2012	Genomics of the Endoglin Pathway in Preeclampsia	<ul style="list-style-type: none"> <li>• NIH/NINR F31NR011379 (Sponsor-Conley)</li> <li>• ISONG Research Award</li> <li>• SST Research Award</li> </ul>	Postdoctoral Fellow – Magee Womens Research Institute; awarded F32  Assistant Professor University of Pittsburgh
K. Baumgartel (University of Pittsburgh)  Dissertation Chair	Past	Pre	2009-2015	Epigenomic Profile of DNA from Breast Milk and Neonatal Outcomes	<ul style="list-style-type: none"> <li>• Institutional Predoctoral Fellowship (T32); University of Pittsburgh</li> <li>• Corrine Barnes Scholarship</li> <li>• ISONG research award</li> <li>• STTI research award</li> </ul>	Postdoctoral Fellowship University of Pittsburgh
C. Snyder (University of Pittsburgh)  Dissertation Chair	Current	Pre	2007-pres	Genomics of the VEGF pathway in respiratory distress syndrome	<ul style="list-style-type: none"> <li>• NIH/NINR F31NR012602 (Sponsor-Conley)</li> </ul>	Not Applicable (on medical leave from program)
T. Koleck (University of Pittsburgh)  Dissertation Chair	Past	Pre	2011-2016	Genomics of Cognitive Function in Breast Cancer	<ul style="list-style-type: none"> <li>• NIH/NINR F31NR014590 (Sponsor-Conley)</li> <li>• American Cancer Society Fellowship</li> <li>• Nightingale of PA PhD Student Award</li> <li>• STTI research award</li> </ul>	Postdoctoral Fellowship Columbia University

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L. Wright Heinsberg	Current	Pre	2015 – pres	Epigenomics and Genomics of Iron Homeostasis in aSAH	<ul style="list-style-type: none"> <li>• Institutional Predoctoral Fellowship (T32); University of Pittsburgh</li> <li>• NIH/NINR Summer Genetics Institute Fellowship</li> <li>• Jonas Scholar</li> <li>• NIH/NINR F31NR017311</li> <li>• ISONG Research Award</li> </ul>	Not Applicable
F. Peterson-Burch	Current	Pre	2015 – pres	TBD – GPP candidate	<ul style="list-style-type: none"> <li>• Institutional Predoctoral Fellowship (T32); University of Pittsburgh</li> <li>• Jonas Scholar</li> </ul>	Not Applicable
L. Graves	Current	Pre	2016 – pres	Sleep & omics in recover after spinal cord injury	<ul style="list-style-type: none"> <li>• Institutional Predoctoral Fellowship (T32); University of Pittsburgh</li> <li>• Robert Wood Johnson Scholar</li> </ul>	Not Applicable
J. Dungan (University of Florida)  Dissertation Committee Member	Past	Pre	2002-2006	Race, HTN, and Vascular Adrenoceptor Gene Expression	<ul style="list-style-type: none"> <li>• NIH/NINR F31NR009148 (Co-Sponsor – Conley)</li> </ul>	Assistant Professor Duke University (K99/R00 recipient)
M. Gallek (University of Pittsburgh)  Dissertation Committee Member	Past	Pre	2005-2008	Endothelin-1 gene variants and cerebral vasospasm after subarachnoid Hemorrhage	<ul style="list-style-type: none"> <li>• ISONG Research Award</li> <li>• SST Research Award</li> <li>• Neuroscience Nursing Foundation Research Award</li> </ul>	Assistant Professor University of Arizona  Robert Wood Johnson Faculty Award

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L. Linder (University of Utah)  Dissertation Committee Member	Past	Pre	2005-2009	Behavioral and situational influence on sleep in children with cancer	<ul style="list-style-type: none"> <li>American Cancer Society Dissertation Award</li> </ul>	Assistant Professor University of Utah
A. Puccio (University of Pittsburgh)  Dissertation Committee Member	Past	Pre	1999-2008	Biochemical Measurements in Severe TBI Patients	<ul style="list-style-type: none"> <li>Copeland Research Award</li> </ul>	Assistant Professor University of Pittsburgh Department of Neurosurgery (K99/R00 recipient)
S. Alexander (University of Pittsburgh)  Dissertation Committee Member	Past	Pre	1999-2004	The Impact of APOE Gene Expression on Recovery from Subarachnoid Hemorrhage.	<ul style="list-style-type: none"> <li>America Nurses Foundation</li> <li>Neuroscience Nursing Foundation Research Award</li> </ul>	Associate Professor with tenure University of Pittsburgh  Past President, International Society of Nurses in Genetics
G. Rodway (University of Pittsburgh)  Dissertation Committee Member	Past	Pre	1999-2004	Intermittent Hypoxia: Impact on Cardiovascular Parameters and Oxidative Stress		Assistant Professor University of Utah
C. Driscoll (University of Tennessee)  Dissertation Committee Member	Past	Pre	2000-2005	Gene Expression Profiling of Post Transplant Diabetes Mellitus	<ul style="list-style-type: none"> <li>NIH/NINR F31NR008650 (Co-Sponsor – Conley)</li> </ul>	Assistant Professor Virginia Commonwealth University



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P. Chuang (University of Pittsburgh)  Dissertation Committee Member	Past	Pre	2004-2008	Neuroglobin Genetic Polymorphisms and Their Relationship to Functional Outcomes Following Traumatic Brain Injury		Postdoctoral Fellow – National Institute of Nursing Research  Assistant Professor University of Texas
S. Wesmiller (University of Pittsburgh)  Dissertation Committee Member	Past	Pre	2008-2010	The Association of CYP2D6 and mu-opioid Receptor Genotypes and Postoperative nausea and Vomiting in Adult Orthopedic Patients with Single Extremity Fractures		Postdoctoral Fellow – University of Pittsburgh  Assistant Professor University of Pittsburgh
N. Satchidanand (University of Pittsburgh - Health, Physical, and Recreation Education)  Dissertation Committee Member	Past	Pre	2005-2011	The Influence of Variation in the Catechol-O-methyl transferase Gene on Perceptual Response to Exercise		Assistant Professor University of Buffalo
J. Sanders (University of Pittsburgh – Department of Epidemiology; MD/PhD)	Past	Pre	2010-2012	Leukocyte Telomere Length and Lens Transparency as Biomarkers in Population Studies of Human Aging	<ul style="list-style-type: none"> <li>NIH/NIA F30AG038093 (Co-Sponsor – Conley)</li> </ul>	Clinical Fellow Massachusetts General Hospital

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A. Stanfill (University of Tennessee)  Dissertation Committee Member	Past	Pre	2011-2014	Impact of Genomics on Obesity post Transplantation	<ul style="list-style-type: none"> <li>NIH/NINR; F31NR013812 (Co-Sponsor – Conley)</li> </ul>	Postdoctoral Scholar University of Pittsburgh  Assistant Professor University of Tennessee
H. Khalil (University of Pittsburgh)  Dissertation Committee Member	Current	Pre	2011-2015	Pain Perception and Morphine Responsiveness in Postoperative Orthopedic Trauma Patients: The Combined Role of OPRM1 and COMT		Assistant Professor University of Jordan
M. Donnelly (University of Pittsburgh – School of Pharmacy)  Dissertation Committee Member	Past	Pre	2009-2014	Role of 20-HETE and EETs in Cerebrovascular Complications after aSAH	<ul style="list-style-type: none"> <li>NIH/NINR F31NR012608 (Co-Sponsor – Conley)</li> </ul>	Food and Drug Administration
J. Zelazny (University of Pittsburgh)  Dissertation Committee Member	Current	Pre	2009-2016	Genomics of Suicidality		Postdoctoral Scholar University of Pittsburgh WPIC – T32
K. Azuma	Past	Post	2004- 2007	Mitochondrial genetics of skeletal muscle of lean, obese and diabetic individuals		Assistant Professor, Keio University, Tokyo
A. Sarniak	Past	Post	2007-2008	PARP Genetics in human TBI		Assistant Professor Wayne State University Children's Hospital of Michigan

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N. Hoh	Past	Post	2008-2010	Genomics of Recovery after Spinal Cord Injury	<ul style="list-style-type: none"> <li>Institutional Postdoctoral Fellowship (T32); University of Pittsburgh</li> </ul>	Assistant Professor University of Pittsburgh
E. Stevens Co-Mentor with Mary Marazita	Past	Post	2008-2010	Genomic Contribution to Complications of Cleft Lip and Cleft Palate	<ul style="list-style-type: none"> <li>Institutional Postdoctoral Fellowship (T32); University of Pittsburgh</li> </ul>	Assistant Professor Chatham University
E. Kostas-Polston	Past	Post	2010-2011	Genomics of Host Susceptibility to Oral HPV Infection	<ul style="list-style-type: none"> <li>Institutional Postdoctoral Fellowship (T32); University of Pittsburgh</li> </ul>	Assistant Professor University of South Florida
N. Park Co-Mentor with Catherine Bender	Past	Jr. Fac	2012-2014	Impact of Adjuvant Therapy for Breast Cancer on Risk for CVD	<ul style="list-style-type: none"> <li>Clinical and Translational Science Institute (CTSI) Clinical Research Scholars (KL2)</li> </ul>	Not Applicable – currently Assistant Professor University of Pittsburgh
A. Puccio Co-Mentor with Patrick Kohanek	Past	Jr. Fac	2012-2014	Transcriptomics of Ischemia in Severe TBI	<ul style="list-style-type: none"> <li>NIH/NINR K99NR013176 (Primary Mentor – Conley)</li> </ul>	Tenure stream Assistant Professor University of Pittsburgh
A. Stanfill	Past	Post	2014 – 2016	Genomics and Epigenomics of Depression and Anxiety after Stroke	<ul style="list-style-type: none"> <li>Institutional Postdoctoral Fellowship (T32); University of Pittsburgh</li> </ul>	Tenure stream Assistant Professor University of Tennessee
J. Merriman	Past	Post	2014-2017	Brain Biomarkers of Cognitive and Mood Changes Related to Aromatase Inhibitor Use	<ul style="list-style-type: none"> <li>K99NR015473 (Mentoring Team)</li> </ul>	Tenure stream Assistant Professor New York University

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M. Knisely	Current	Post	2016 – 2018	Omics of Symptom Clusters	<ul style="list-style-type: none"> <li data-bbox="957 261 1251 410">Institutional Postdoctoral Fellowship (T32); University of Pittsburgh</li> </ul>	Tenure stream Assistant Professor at Duke University
R. Jha	Current	Jr. Fac	2015-pres	TRANSLATIONAL ASSESSMENT OF SULFONYLUREA RECEPTOR-1 AS A BIOMARKER AND THERAPEUTIC TARGET FOR CEREBRAL EDEMA IN TRAUMATIC BRAIN INJURY	<ul style="list-style-type: none"> <li data-bbox="957 431 1251 488">K23NS101036 (Mentoring Team)</li> </ul>	Not Applicable – currently Assistant Professor