

May 2023

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

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440 Victoria Building  
Pittsburgh, PA 15261

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**EDUCATION and TRAINING**

**Undergraduate**

4/1989

Florida Atlantic University  
Boca Raton, FL

BA  
Biology

**Graduate**

8/1993

University of Pittsburgh  
Pittsburgh, PA

MS  
Genetic Counseling

4/1999

University of Pittsburgh  
Pittsburgh, PA

PhD  
Human Genetics

**Postgraduate**

1999 - 2000

University of Pittsburgh  
Pittsburgh, PA

Molecular Genetics

**APPOINTMENTS and POSITIONS**

**Academic**

2023 – Present	University of Pittsburgh	Distinguished Service Professor
2023 – Present	School of Nursing University of Pittsburgh	Associate Dean for Research and Scholarship
2020 – 2023	School of Nursing University of Pittsburgh	PhD Program Director
2018 – Present	UPMC Hillman Cancer Center	Biobehavioral Cancer Control Investigator

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2017 – Present

Genomics of Patient Outcomes Hub School of  
Nursing  
University of Pittsburgh

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Director



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2013 – Present	Graduate School of Public Health, Department of Human Genetics University of Pittsburgh	Professor (Secondary Appointment)
2013 – Present	Clinical and Translational Science Institute, University of Pittsburgh	Professor (Secondary Appointment)
2008 – Present	Safar Center for Resuscitation Research University of Pittsburgh	Associate Scientist
2007 - 2013	School of Nursing University of Pittsburgh	Associate Professor (with tenure)
2007 – 2013	Graduate School of Public Health, Department of Human Genetics University of Pittsburgh	Associate Professor (Secondary Appointment)
2006 - Present	Targeted Research and Academic Training of Nurses in Genomics Training Program (T32NR009759)	Director
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

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**Non-Academic**

2002 – 2019	National Institute of Nursing Research Summer Genetics Institute	Faculty
2006 – 2009	American Society of Human Genetics Information and Education Committee	Appointed Member
2009 – 2013	NIH; Nursing and Related Clinical Sciences (NRCS) Study Section	Appointed Standing Member
2013	National Institute of Nursing Research Scientific Director Search Committee – Scientific Director appointed	Member
2013 – 2018	National Institute of Nursing Research Genomic Nursing Science Blueprint Workgroup	Member
2013; 2016; 2018	NIH; National Institute of Nursing Research Intramural Review Committee	Ad Hoc Member
2013 – 2015	Member of Council for the Advancement of Nursing Science Advisory Committee for PhD Curriculum Development (IFAC)	Chair for Omics working group
2014 – 2018	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
2017 and 2021	Board of Scientific Counselors National Institutes of Health Clinical Center Department of Nursing	Ad Hoc Member
2019	Annual Science Planning Committee Division of Extramural Research, National Institutes of Health, National Institute of Nursing Research	Ad Hoc Member
2020 – 2021	American Cancer Society Scholarships in Oncology Nursing Peer Review Committee	Regular Member

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2020 – 2021	National Institute of Nursing Research Strategic Planning Work Group	Co-Chair
2020 - present	National Cancer Institute Symptom and Quality of Life Cancer Related Cognitive Impairment Longitudinal Clinical Trials Planning Working Group	Member

### **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
2018	University of Pittsburgh Innovator Award
2020	Chancellor's Distinguished Research Award, University of Pittsburgh
2021	Provost's Award for Doctoral Mentoring, University of Pittsburgh
2022	Eastern Nursing Research Society Distinguished Contributions to Nursing Research Award

### **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
2019 – Present	Member, Oncology Nursing Society
2020 – Present	Member, Eastern Nursing Research Society

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## PUBLICATIONS

**Google scholar h-index = 46; ih-index = 202, number of citations = over 11,000**

### Peer-reviewed Publications

- 1: Davis JK, Mark S, Mackin L, Paul SM, Cooper BA, Conley YP, Hammer MJ, Levine JD, Miaskowski C. Sleep disturbance and decrements in morning energy contribute to a higher symptom burden in oncology patients. *Sleep Med.* 2023 Jun 3;108:124-136. doi: 10.1016/j.sleep.2023.06.004. Epub ahead of print. PMID: 37354746.
  - 2: Sheng Y, Carpenter JS, Paul SM, Conley YP, Levine JD, Miaskowski C. Patients with palpitations experience a higher symptom burden prior to breast cancer surgery. *Eur J Oncol Nurs.* 2023 May 1;65:102341. doi: 10.1016/j.ejon.2023.102341. Epub ahead of print. PMID: 37327556.
  - 3: Calvo-Schimmel A, Paul SM, Cooper BA, Harris C, Shin J, Oppegaard K, Hammer MJ, Cartwright F, Conley YP, Kober KM, Levine JD, Miaskowski C. Various types of stress and greater use of disengagement coping are associated with worse sleep disturbance in oncology patients undergoing chemotherapy. *Stress Health.* 2023 Jun 2. doi: 10.1002/smi.3279. Epub ahead of print. PMID: 37265072.
  - 4: Davis T, Koleck T, Conway A, Bender C, Conley Y. Genetic variability of oxidative stress and DNA repair genes associated with pre-treatment cancer-related fatigue in women with breast cancer. *Support Care Cancer.* 2023 May 22;31(6):345. doi: 10.1007/s00520-023-07816-1. PMID: 37212918.
  - 5: Pozzar RA, Hammer MJ, Paul SM, Cooper BA, Conley YP, Chen LM, Levine JD, Miaskowski C. Associations Between Distinct State Anxiety Profiles, Exposure to Stressful Life Events, Resilience, and Coping in Patients with Gynecologic Cancers Receiving Chemotherapy. *Semin Oncol Nurs.* 2023 May 8:151431. doi: 10.1016/j.soncn.2023.151431. Epub ahead of print. PMID: 37164885.
  - 6: Oppegaard KR, Mayo SJ, Armstrong TS, Kober KM, Anguera JA, Wright F, Levine JD, Conley YP, Paul S, Cooper B, Miaskowski C. An Evaluation of the Multifactorial Model of Cancer-Related Cognitive Impairment. *Nurs Res.* 2023 Jul- Aug 01;72(4):272-280. doi: 10.1097/NNR.0000000000000660. Epub 2023 Apr 24. PMID: 37104681.
  - 7: Harris CS, Pozzar RA, Conley Y, Eicher M, Hammer MJ, Kober KM, Miaskowski C, Colomer-Lahiguera S. Big Data in Oncology Nursing Research: State of the Science. *Semin Oncol Nurs.* 2023 Jun;39(3):151428. doi: 10.1016/j.soncn.2023.151428. Epub 2023 Apr 19. PMID: 37085404.
  - 8: Malin KJ, Gondwe KW, Fial AV, Moore R, Conley Y, White-Traut R, Griffith T. Scoping Review of Early Toxic Stress and Epigenetic Alterations in the Neonatal Intensive Care Unit. *Nurs Res.* 2023 May-Jun 01;72(3):218-228. doi: 10.1097/NNR.0000000000000652. PMID: 37084322; PMCID: PMC10278559.
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- 9: Wright F, Cooper BA, Paul SM, Hammer MJ, Conley YP, Levine JD, Miaskowski C, Kober KM. Distinct Profiles of Morning and Evening Fatigue Co-Occurrence in Patients During Chemotherapy. *Nurs Res.* 2023 Jul-Aug 01;72(4):259-271. doi: 10.1097/NNR.0000000000000661. Epub 2023 Apr 18. PMID: 37084242.
- 10: Liu S, Fu H, Ray M, Heinsberg LW, Conley YP, Anderson CM, Hubel CA, Roberts JM, Jeyabalan A, Weeks DE, Schmella MJ. A longitudinal epigenome-wide association study of preeclamptic and normotensive pregnancy. *Epigenetics Commun.* 2023;3(1):1. doi: 10.1186/s43682-022-00014-w. Epub 2023 Jan 26. PMID: 37063698; PMCID: PMC10101051.
- 11: Kober KM, Roy R, Conley Y, Dhruva A, Hammer MJ, Levine J, Olshen A, Miaskowski C. Prediction of morning fatigue severity in outpatients receiving chemotherapy: less may still be more. *Support Care Cancer.* 2023 Apr 11;31(5):253. doi: 10.1007/s00520-023-07723-5. PMID: 37039882.
- 12: Harris CS, Miaskowski CA, Conley YP, Hammer MJ, Dunn LB, Dhruva AA, Levine JD, Olshen AB, Kober KM. Epigenetic Regulation of Inflammatory Mechanisms and a Psychological Symptom Cluster in Patients Receiving Chemotherapy. *Nurs Res.* 2023 May-Jun 01;72(3):200-210. doi: 10.1097/NNR.0000000000000643. Epub 2023 Mar 17. PMID: 36929768; PMCID: PMC10121746.
- 13: Treble-Barna A, Heinsberg LW, Stec Z, Breazeale S, Davis TS, Kesbhat AA, Chattopadhyay A, VonVille HM, Ketchum AM, Yeates KO, Kochanek PM, Weeks DE, Conley YP. Brain-derived neurotrophic factor (BDNF) epigenomic modifications and brain-related phenotypes in humans: A systematic review. *Neurosci Biobehav Rev.* 2023 Apr;147:105078. doi: 10.1016/j.neubiorev.2023.105078. Epub 2023 Feb 9. PMID: 36764636; PMCID: PMC10164361.
- 14: Romanovska V, Block A, Paul SM, Cooper BA, Hammer MJ, Conley YP, Levine JD, Kober KM, Miaskowski C. Exploration of the Relationships Between Stress and Distinct Pain and Sleep Disturbance Profiles in Patients Undergoing Chemotherapy. *Cancer Nurs.* 2022 Dec 28;10.1097/NCC.0000000000001185. doi: 10.1097/NCC.0000000000001185. Epub ahead of print. PMID: 36584234; PMCID: PMC10300234.
- 15: Ray M, Wallace MK, Grayson SC, Cummings MH, Davis JA, Scott J, Belcher SM, Davis TS, Conley YP. Epigenomic Links Between Social Determinants of Health and Symptoms: A Scoping Review. *Biol Res Nurs.* 2023 Jul;25(3):404-416. doi: 10.1177/10998004221147300. Epub 2022 Dec 20. PMID: 36537264.
- 16: Suskin JA, Paul S, Stuckey AR, Conley YP, Miaskowski C, Dunn LB. Risk factors for worse anxiety trajectories among patients undergoing cancer chemotherapy. *Support Care Cancer.* 2022 Dec 15;31(1):32. doi: 10.1007/s00520-022-07481-w. PMID: 36517706.
- 17: Calvo-Schimmel A, Kober KM, Paul SM, Cooper BA, Harris C, Shin J, Hammer MJ, Conley YP, Dokiparthi V, Olshen A, Levine JD, Miaskowski C. Sleep disturbance is associated with perturbations in immune-inflammatory pathways in oncology outpatients undergoing chemotherapy. *Sleep Med.* 2023 Jan;101:305-315. doi: 10.1016/j.sleep.2022.11.014. Epub 2022 Nov 21. PMID: 36470166.
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- 18: Harris CS, Kober K, Cooper B, Conley YP, Hammer MJ, Dhruva AA, Cartwright F, Paul S, Levine J, Miaskowski C. Symptom clusters in oncology outpatients: stability and consistency across a cycle of chemotherapy. *BMJ Support Palliat Care*. 2022 Nov 29;bmjspcare-2022-003785. doi: 10.1136/spcare-2022-003785. Epub ahead of print. PMID: 36446517; PMCID: PMC10225477.
- 19: Morse L, Paul SM, Cooper BA, Oppegaard K, Shin J, Calvo-Schimmel A, Harris C, Hammer M, Conley Y, Wright F, Levine JD, Kober KM, Miaskowski C. Higher Stress in Oncology Patients is Associated With Cognitive and Evening Physical Fatigue Severity. *J Pain Symptom Manage*. 2023 Mar;65(3):203-215. doi: 10.1016/j.jpainsymman.2022.11.017. Epub 2022 Nov 22. PMID: 36423801.
- 20: Shin J, Kober KM, Wong ML, Yates P, Cooper BA, Paul SM, Hammer M, Conley Y, Levine JD, Miaskowski C. Distinct Shortness of Breath Profiles in Oncology Outpatients Undergoing Chemotherapy. *J Pain Symptom Manage*. 2023 Mar;65(3):242-255. doi: 10.1016/j.jpainsymman.2022.11.010. Epub 2022 Nov 21. PMID: 36423799.
- 21: Kober KM, Harris C, Conley YP, Dhruva A, Dokiparthi V, Hammer MJ, Levine JD, Oppegaard K, Paul S, Shin J, Sucher A, Wright F, Yuen B, Olshen AB, Miaskowski C. Perturbations in common and distinct inflammatory pathways associated with morning and evening fatigue in outpatients receiving chemotherapy. *Cancer Med*. 2023 Mar;12(6):7369-7380. doi: 10.1002/cam4.5435. Epub 2022 Nov 14. PMID: 36373573; PMCID: PMC10067125.
- 22: Bouvron B, Mackin L, Kober KM, Paul SM, Cooper BA, Conley YP, Hammer MJ, Wright F, Levine JD, Miaskowski C. Impact of worst pain severity and morning fatigue profiles on oncology outpatients' symptom burden and quality of life. *Support Care Cancer*. 2022 Dec;30(12):9929-9944. doi: 10.1007/s00520-022-07431-6. Epub 2022 Nov 10. PMID: 36355215.
- 23: Suskin JA, Paul S, Stuckey AR, Conley YP, Hammer MJ, Miaskowski C, Dunn LB. Anxiety trajectories: An observational study of women undergoing chemotherapy for breast or gynecological cancer. *Eur J Oncol Nurs*. 2022 Dec;61:102227. doi: 10.1016/j.ejon.2022.102227. Epub 2022 Oct 13. PMID: 36332456.
- 24: Sheng Y, Carpenter JS, Smith BJ, Paul SM, Melisko M, Moslehi J, Levine JD, Conley YP, Kober KM, Miaskowski C. A Pilot Study of Associations Between the Occurrence of Palpitations and Cytokine Gene Variations in Women Prior to Breast Cancer Surgery. *Biol Res Nurs*. 2023 Apr;25(2):289-299. doi: 10.1177/10998004221134684. Epub 2022 Oct 18. PMID: 36255356; PMCID: PMC10236444.
- 25: Shin J, Kober KM, Harris C, Oppegaard K, Calvo-Schimmel A, Paul SM, Cooper BA, Olshen A, Dokiparthi V, Conley YP, Hammer M, Levine JD, Miaskowski C. Perturbations in Neuroinflammatory Pathways Are Associated With a Worst Pain Profile in Oncology Patients Receiving Chemotherapy. *J Pain*. 2023 Jan;24(1):84-97. doi: 10.1016/j.jpain.2022.08.007. Epub 2022 Sep 15. PMID: 36115520.
- 26: McCall MK, Sereika SM, Snader S, Lavanchy A, Rosenzweig MQ, Conley YP, Beumer JH, Bender CM. Trajectories of neuropsychological symptom burden in postmenopausal women prescribed anastrozole for early-stage breast cancer. *Support Care Cancer*. 2022
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Nov;30(11):9329-9340. doi: 10.1007/s00520-022-07326-6. Epub 2022 Sep 10. PMID: 36085422; PMCID: PMC10148985.

27: Lin Y, Bailey DE, Xiao C, Hammer M, Paul SM, Cooper BA, Conley YP, Levine JD, Kober KM, Miaskowski C. Distinct Co-occurring Morning and Evening Fatigue Profiles in Patients With Gastrointestinal Cancers Receiving Chemotherapy. *Cancer Nurs.* 2022 Dec 1:10.1097/NCC.0000000000001148. doi: 10.1097/NCC.0000000000001148. Epub ahead of print. PMID: 36076314; PMCID: PMC10232668.

28: Huang V, Mackin L, Kober KM, Paul SM, Cooper BA, Conley YP, Hammer MJ, Levine JD, Miaskowski C. Distinct sleep disturbance and cognitive dysfunction profiles in oncology outpatients receiving chemotherapy. *Support Care Cancer.* 2022 Nov;30(11):9243-9254. doi: 10.1007/s00520-022-07350-6. Epub 2022 Sep 6. PMID: 36066629.

29: Alexander SA, Conley YP, Girard TD, McVerry BJ, Ren D. Temporal Variability in Inflammatory Gene Methylation and Delirium in Critically Ill Patients. *Am J Crit Care.* 2022 Sep 1;31(5):367-374. doi: 10.4037/ajcc2022225. PMID: 36045041.

30: Heinsberg LW, Koleck TA, Ray M, Weeks DE, Conley YP. Advancing Nursing Research Through Interactive Data Visualization With R Shiny. *Biol Res Nurs.* 2023 Jan;25(1):107-116. doi: 10.1177/10998004221121109. Epub 2022 Aug 26. PMID: 36029021; PMCID: PMC9900251.

31: Harris CS, Miaskowski CA, Conley YP, Hammer MJ, Dhruva AA, Levine JD, Olshen AB, Kober KM. Gastrointestinal Symptom Cluster is Associated With Epigenetic Regulation of Lymphotoxin Beta in Oncology Patients Receiving Chemotherapy. *Biol Res Nurs.* 2023 Jan;25(1):51-64. doi: 10.1177/10998004221115863. Epub 2022 Aug 5. PMID: 35929442; PMCID: PMC9900252.

32: Cheung S, Henderson-Sabes J, Mastick J, Abrams G, Snowberg K, Alfaro E, Quinn M, Paul S, Cooper B, Wallhagen M, Conley Y, Levine J, Miaskowski C. Cancer survivors and neurotoxic chemotherapy: hearing loss and tinnitus. *BMJ Support Palliat Care.* 2022 Jul 27:bmjspcare-2022-003684. doi: 10.1136/spcare-2022-003684. Epub ahead of print. PMID: 35896321; PMCID: PMC9880249.

33: Allemann-Su YY, Vetter M, Koechlin H, Paul SM, Cooper BA, Oppegaard K, Melisko M, Levine JD, Conley Y, Miaskowski C, Katapodi MC. Pre-Surgery Demographic, Clinical, and Symptom Characteristics Associated with Different Self-Reported Cognitive Processes in Patients with Breast Cancer. *Cancers (Basel).* 2022 Jul 5;14(13):3281. doi: 10.3390/cancers14133281. PMID: 35805053; PMCID: PMC9265628.

34: Liu T, Li H, Conley YP, Primack BA, Wang J, Lo WJ, Li C. A Genome-Wide Association Study of Prediabetes Status Change. *Front Endocrinol (Lausanne).* 2022 Jun 13;13:881633. doi: 10.3389/fendo.2022.881633. PMID: 35769078; PMCID: PMC9234217.

35: Calvo-Schimmel A, Paul SM, Cooper BA, Shin J, Harris C, Oppegaard K, Hammer MJ, Cartwright F, Conley YP, Kober KM, Levine JD, Miaskowski C. Oncology Outpatients With Worse Anxiety and Sleep Disturbance Profiles Are at Increased Risk for a Higher Symptom

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Burden and Poorer Quality of Life. *Cancer Nurs.* 2022 Dec 1;10.1097/NCC.0000000000001139. doi: 10.1097/NCC.0000000000001139. Epub ahead of print. PMID: 35688433; PMCID: PMC9729413.

36: Singh K, Pituch K, Zhu Q, Gu H, Ernst B, Tofthagen C, Brewer M, Kober KM, Cooper BA, Paul SM, Conley YP, Hammer M, Levine JD, Miaskowski C. Distinct Nausea Profiles Are Associated With Gastrointestinal Symptoms in Oncology Patients Receiving Chemotherapy. *Cancer Nurs.* 2023 Mar-Apr 01;46(2):92-102. doi: 10.1097/NCC.0000000000001076. Epub 2022 Mar 4. PMID: 35671438; PMCID: PMC9437145.

37: Stacker T, Kober KM, Dunn L, Viele C, Paul SM, Hammer M, Conley YP, Levine JD, Miaskowski C. Associations Between Demographic, Clinical, and Symptom Characteristics and Stress in Oncology Patients Receiving Chemotherapy. *Cancer Nurs.* 2023 Jan-Feb 01;46(1):E62-E69. doi: 10.1097/NCC.0000000000001069. Epub 2022 Mar 4. PMID: 35671412; PMCID: PMC9437148.

38: Calvo-Schimmel A, Paul SM, Cooper BA, Harris C, Shin J, Oppegaard K, Hammer MJ, Dunn LB, Conley YP, Kober KM, Levine JD, Miaskowski C. Oncology outpatients with worse depression and sleep disturbance profiles are at increased risk for a higher symptom burden and poorer quality of life outcomes. *Sleep Med.* 2022 Jul;95:91-104. doi: 10.1016/j.sleep.2022.04.023. Epub 2022 May 2. PMID: 35569331.

39: Harris CS, Kober KM, Cooper B, Conley YP, Dhruva AA, Hammer MJ, Paul S, Levine JD, Miaskowski CA. Symptom clusters in outpatients with cancer using different dimensions of the symptom experience. *Support Care Cancer.* 2022 Aug;30(8):6889-6899. doi: 10.1007/s00520-022-07125-z. Epub 2022 May 11. PMID: 35543816.

40: Miaskowski C, Levine JD, Paul SM, Cooper B, Abrams G, Topp K, Cheung S, Henderson-Sabes J, Conley YP, Snowberg K, Alfaro E, Quinn M, Kober KM. Similarities in the Neuropathy Phenotype of Cancer Survivors Who Received Different Classes of Chemotherapy Drugs. *J Pain.* 2022 Sep;23(9):1604-1615. doi: 10.1016/j.jpain.2022.04.007. Epub 2022 May 6. PMID: 35533976.

41: Harris CS, Dodd M, Kober KM, Dhruva AA, Hammer MJ, Conley YP, Miaskowski CA. Advances in Conceptual and Methodological Issues in Symptom Cluster Research: A 20-Year Perspective. *ANS Adv Nurs Sci.* 2022 Oct-Dec 01;45(4):309-322. doi: 10.1097/ANS.0000000000000423. Epub 2022 Apr 28. PMID: 35502915; PMCID: PMC9616968.

42: Fu MR, McTernan ML, Qiu JM, Miaskowski C, Conley YP, Ko E, Axelrod D, Guth A, Somers TJ, Wood LJ, Wang Y. Co-occurring Fatigue and Lymphatic Pain Incrementally Aggravate Their Negative Effects on Activities of Daily Living, Emotional Distress, and Overall Health of Breast Cancer Patients. *Integr Cancer Ther.* 2022 Jan-Dec;21:15347354221089605. doi: 10.1177/15347354221089605. PMID: 35446180; PMCID: PMC9047803.

43: Shin J, Oppegaard K, Calvo-Schimmel A, Harris C, Cooper BA, Paul SM, Conley YP, Hammer MJ, Cartwright F, Kober KM, Levine JD, Miaskowski C. Distinct Worst Pain Profiles in Oncology Outpatients Undergoing Chemotherapy. *Cancer Nurs.* 2023 May-Jun 01;46(3):176-188. doi: 10.1097/NCC.0000000000001095. Epub 2022 Dec 10. PMID: 35439202; PMCID:

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PMC9554042.

44: Allemann-Su YY, Vetter M, Koechlin H, Conley Y, Paul SM, Cooper BA, Kober KM, Levine JD, Miaskowski C, Katapodi MC. Distinct Cognitive Function Profiles Are Associated With a Higher Presurgery Symptom Burden in Patients With Breast Cancer. *Cancer Nurs*. 2022 Dec 1. doi: 10.1097/NCC.0000000000001114. Epub ahead of print. PMID: 35439196.

45: Oppegaard K, Shin J, Harris CS, Schimmel A, Paul SM, Cooper BA, Levine JD, Conley YP, Hammer M, Dunn L, Kober KM, Miaskowski C. Higher stress and symptom severity are associated with worse depressive symptom profiles in patients receiving chemotherapy. *Eur J Oncol Nurs*. 2022 Jun;58:102031. doi: 10.1016/j.ejon.2021.102031. Epub 2021 Sep 4. PMID: 35397404.

46: Langford DJ, Eaton L, Kober KM, Paul SM, Cooper BA, Hammer MJ, Conley YP, Wright F, Dunn LB, Levine JD, Miaskowski C. A high stress profile is associated with severe pain in oncology patients receiving chemotherapy. *Eur J Oncol Nurs*. 2022 Jun;58:102135. doi: 10.1016/j.ejon.2022.102135. Epub 2022 Mar 27. PMID: 35366425.

47: Hammer MJ, Cooper B, Paul SM, Kober KM, Cartwright F, Conley YP, Wright F, Levine JD, Miaskowski C. Identification of Distinct Symptom Profiles in Cancer Patients Using a Pre-Specified Symptom Cluster. *J Pain Symptom Manage*. 2022 Jul;64(1):17-27. doi: 10.1016/j.jpainsymman.2022.03.007. Epub 2022 Mar 25. PMID: 35339613.

48: Fitzgerald Jones K, Fu MR, McTernan ML, Ko E, Yazicioglu S, Axelrod D, Guth AA, Miaskowski C, Conley YP, Wood LJ, Wang Y. Lymphatic Pain in Breast Cancer Survivors. *Lymphat Res Biol*. 2022 Oct;20(5):525-532. doi: 10.1089/lrb.2021.0017. Epub 2021 Dec 31. PMID: 35089817; PMCID: PMC9603252.

49: Heinsberg LW, Weeks DE, Alexander SA, Minster RL, Sherwood PR, Poloyac SM, Deslouches S, Crago EA, Conley YP. Iron homeostasis pathway DNA methylation trajectories reveal a role for STEAP3 metalloreductase in patient outcomes after aneurysmal subarachnoid hemorrhage. *Epigenetics Commun*. 2021;1:4. doi: 10.1186/s43682-021-00003-5. Epub 2021 Dec 20. PMID: 35083470; PMCID: PMC8788201.

50: Heinsberg LW, Liu D, Shaffer JR, Weeks DE, Conley YP. Characterization of cerebrospinal fluid DNA methylation age during the acute recovery period following aneurysmal subarachnoid hemorrhage. *Epigenetics Commun*. 2021;1:2. doi: 10.1186/s43682-021-00002-6. Epub 2021 Dec 20. PMID: 35083469; PMCID: PMC8787331.

51: Liu D, Zusman BE, Shaffer JR, Li Y, Arockiaraj AI, Liu S, Weeks DE, Desai SM, Kochanek PM, Puccio AM, Okonkwo DO, Conley YP, Jha RM. Decreased DNA Methylation of RGMA is Associated with Intracranial Hypertension After Severe Traumatic Brain Injury: An Exploratory Epigenome-Wide Association Study. *Neurocrit Care*. 2022 Aug;37(1):26-37. doi: 10.1007/s12028-021-01424-9. Epub 2022 Jan 13. PMID: 35028889; PMCID: PMC9287123.

52: Liu T, Li H, Conley YP, Primack BA, Wang J, Li C. The Brain-Derived Neurotrophic Factor Functional Polymorphism and Hand Grip Strength Impact the Association between Brain-Derived Neurotrophic Factor Levels and Cognition in Older Adults in the United States. *Biol Res*

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- Nurs. 2022 Apr;24(2):226-234. doi: 10.1177/10998004211065151. Epub 2022 Jan 3. PMID: 34974714.
- 53: Harris CS, Kober KM, Conley YP, Dhruva AA, Hammer MJ, Miaskowski CA. Symptom clusters in patients receiving chemotherapy: A systematic review. *BMJ Support Palliat Care*. 2022 Mar;12(1):10-21. doi: 10.1136/bmjspcare-2021-003325. Epub 2021 Dec 17. PMID: 34921000; PMCID: PMC8857036.
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- 314: Conley YP, Tinkle MB. The future of genomic nursing research. *J Nurs Scholarsh*. 2007;39(1):17-24. doi: 10.1111/j.1547-5069.2007.00138.x. PMID: 17393961.
- 315: 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. *Transl Res*. 2007 Feb;149(2):76-84. doi: 10.1016/j.trsl.2006.09.005. Erratum in: *Transl Res*. 2007 Apr;149(4):236. PMID: 17240318.
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- 317: 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. *Hum Mol Genet.* 2006 Nov 1;15(21):3206-18. doi: 10.1093/hmg/ddl396. Epub 2006 Sep 25. PMID: 17000705.
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- 325: 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. *Am J Hum Genet.* 2004 Aug;75(2):174-89. doi: 10.1086/422476. Epub 2004 May 27. PMID: 15168325; PMCID: PMC1216053.
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- 330: Conley YP, Finegold DN. Exploring calcium level disorders. Looking through the genetic window for new treatment clues. *AWHONN Lifelines*. 2002 Oct- Nov;6(5):424-9. doi: 10.1177/1091592302238928. PMID: 12420385.
- 331: Weeks DE, Conley YP, Ferrell RE, Mah TS, Gorin MB. A tale of two genotypes: consistency between two high-throughput genotyping centers. *Genome Res*. 2002 Mar;12(3):430-5. doi: 10.1101/gr.211502. PMID: 11875031; PMCID: PMC155285.
- 332: 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. *Am J Ophthalmol*. 2001 Nov;132(5):682-92. doi: 10.1016/s0002-9394(01)01214-4. PMID: 11704029.
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- 334: 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. *Hum Mol Genet*. 2000 May 22;9(9):1329-49. doi: 10.1093/hmg/9.9.1329. PMID: 10814715.
- 335: Conley YP, Erturk D, Keverline 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. *Am J Hum Genet*. 2000 Apr;66(4):1426-31. doi: 10.1086/302871. Epub 2000 Mar 22. PMID: 10729115; PMCID: PMC1288209.
- 336: 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. *Clin Genet*. 1996 Sep;50(3):113-5. doi: 10.1111/j.1399-0004.1996.tb02363.x. PMID: 8946107.
- 337: Finegold DN, Armitage MM, Galiani M, Matise TC, Pandian MR, Perry YM, Deka R, Ferrell
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RE. Preliminary localization of a gene for autosomal dominant hypoparathyroidism to chromosome 3q13. *Pediatric research*. 1994 Sep; 36(3):414-7. PMID: 7808841.

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### **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

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

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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

Conley YP (2020) Chapter 2: Introduction to Omics Approaches in Symptom Science, In Dorsey S and Starkweather A (Ed) *Genomics of Pain and Co-Morbid Symptoms*, Springer Publishing Company, New York, NY in press

## 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

## 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

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**RESEARCH FUNDING****CURRENT:**

<b>Funding Agency:</b>	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 – 5/2024
Percent Effort:	20.0 %
Total Direct Costs:	\$2,085,489
<b>Funding Agency:</b>	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/Director
Years Inclusive:	7/2006 - 6/2026
<b>Funding Agency:</b>	DoD
Grant Number:	W81XWH-22-2-0056
Title of Grant:	NEUROIMMUNOENDOCRINE INTERFACE: EXPLORING A UNIFYING AXIS FOR PRECISION CARE IN PH & TBI: NEXUS
Principal Investigator:	Amy Wagner
Conley Role on Grant:	Co-Investigator
Years Inclusive:	09/2022-09/2026
Total Amount Awarded:	\$7,982,344
<b>Funding Agency:</b>	DoD
Grant Number:	W81XWH-21-1-0913
Title of Grant:	Inflammation and Immunogenetic Influences on Epileptogenesis
Principal Investigator:	Amy Wagner
Conley Role on Grant:	Co-Investigator
Years Inclusive:	09/2021-09/2024
Total Amount Awarded:	\$77,435 (subaward only)
<b>Funding Agency:</b>	NIH/NINDS
Grant Number:	R01NS115815
Title of Grant:	A translational evaluation of Sur1-Trpm4 imaging endophenotypes and genetics to direct precision medicine for cerebral edema after traumatic brain
Principal Investigator:	Ruchira Jha
Conley Role on Grant:	Co-Investigator
Years Inclusive:	05/2021-04/2026
Total Amount Awarded:	\$2,850,195

<b>Funding Agency:</b>	NIH/NINR
Grant Number:	R01NR01669
Title of Grant:	Genomic Underpinnings for Breast Cancer Treatment Induced Nausea and Vomiting
Principal Investigator:	Wesmiller, Susan
Conley Role on Grant:	Co-Investigator
Years Inclusive:	01/2018 – 6/2023
Total Amount Awarded:	\$29,946 (sub only)
<b>Funding Agency:</b>	NIH/NINR
Grant Number:	R01NR017407
Title of Grant:	A Multivariate Predictive Model for Long-Term Disability Post Subarachnoid Hemorrhage
Principal Investigator:	Stanfill, Ansley
Conley Role on Grant:	Co-Investigator
Years Inclusive:	07/2018 – 07-2023
Total Amount Awarded:	\$55,770 (sub only)
<b>Funding Agency:</b>	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
Conley Role on Grant:	Co-Investigator
Years Inclusive:	09/2018 – 07-2023
Total Amount Awarded:	\$33,462 (sub only)





**COMPLETED:**

**Funding Agency:** NIH/NINR  
**Grant Number:** K99NR019080  
**Title of Grant:** Omics of Pain in the Context of Declining Estrogen  
**Principal Investigator:** Wagner, Monica  
**Conley Role on Grant:** Sponsor  
**Years Inclusive:** 07/2020-06/2022

**Funding Agency:** NIH/NCI  
**Grant Number:** F99CA234782  
**Title of Grant:** Musculoskeletal pain among breast cancer survivors: through bio-behavioral and imaging lenses  
**Principal Investigator:** Zhu, Yehui  
**Conley Role on Grant:** Co-Sponsor  
**Years Inclusive:** 09/2018 – 08-2020

**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

**Funding Agency:** NIH/NINR  
**Grant Number:** F31NR017311  
**Title of Grant:** Multi-omics of the iron homeostasis pathway in patient outcomes following aSAH  
**Principal Investigator:** Heinsberg, Lacey  
**Conley Role on Grant:** Sponsor  
**Years Inclusive:** 9/2017 - 8/2020

**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 – 4/2020

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May 2023

**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

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May 2023

**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/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

**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: 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

NIH/NINR

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May 2023

**Funding Agency:**

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

**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  
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  
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

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May 2023

Principal Investigator: CONLEY, YVETTE P.  
Conley Role on Grant: PI  
Total Amount Awarded: \$25,000

**Funding Agency:** NIH/NINR  
Grant Number: F31NR008970  
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  
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

**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

**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  
Total Amount Awarded: \$100,863

**Funding Agency:** NIH/NINR  
Grant Number: F31NR011379

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May 2023

Title of Grant: Genomics of the Endoglin Pathway in Preeclampsia  
Principal Investigator: Bell, Mandy J  
Conley Role on Grant: Sponsor

**Funding Agency:** NIH/NINDS  
Grant Number: P01NS030318  
Title of Grant: Emerging Therapeutics for Traumatic Brain Injury (TBI)-Acute Chronic Changes  
Principal Investigator: Dixon, C. Edward  
Conley Role on Grant: Co-Investigator  
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  
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  
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

**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

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## PRESENTATIONS

Invited Presentations are denoted with “\*\*”

### International

- May 2022 West China – Pittsburgh Nursing Development Forum  
Presentation titled: Precision Health: Progress Towards Improving Person-Centered Care for Cancer Related Cognitive Impairment  
Remote Forum; Chengdu, Sichuan, China
- April 2022 \*\*Oncology Nursing Society  
Presentation titled: Precision Health: Progress and Pitfalls for Improving Person-Centered Care in Symptom Science  
Anaheim, CA
- November 2021 \*\* International Society of Nurses in Genetics  
Presentation titled: Leveraging National Databases to Accelerate your Research (pre-conference workshop)  
Remote Congress; originally to be held in Raleigh NC
- November 2021 \*\* International Society of Nurses in Genetics  
Presentation titled: Bridging Omics to Society  
Remote Congress; originally to be held in Raleigh NC
- November 2020 \*\*International Society of Nurses in Genetics  
Presentation titled: What would Flo do in the Era of Symptomics?  
Remote Congress; originally to be held in Raleigh NC
- November 2020 \*\*International Society of Nurses in Genetics  
Presentation titled: OMICS Nursing Science and Education Network (ONSEN)  
Remote Congress; originally to be held in Raleigh NC
- November 2019 International Society of Nurses in Genetics  
Presentation titled: Using Omics to Understand Patient Outcomes after Neurological Injury  
San Antonio, TX
- May 2019 International Society of Nurses in Genetics  
Presentation titled: Genomics and Precision Health Care: Help I Can't Keep Up!  
Pittsburgh, PA
- October 2018 International Society of Nurses in Genetics
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May 2023

Presentation titled: Trajectory Patterns of *HAMP* DNA Methylation and Patient Outcomes Following Aneurysmal Subarachnoid Hemorrhage  
Orlando, FL

- 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)  
Invited Presentation titled “Genome Wide Association Studies”  
New Orleans, LA
- October 2005         \*\*International Society of Nurses in Genetics (ISONG)
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May 2023

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**

April 2022

\*\*Keynote: Contemporary Issues in urban Health: Exploring the biological mechanisms that link social determinants of health to health disparities

Presentation titled: Leveraging Omics Approaches to Reduce Health Disparities

Detroit, MI

April 2022

\*\*UTHSA Symposium

Presentation titled: Precision Health and Nursing in the Context of Symptom Science

Remote; San Antonio, TX

April 2022

\*\*CWRU Research Symposium

Presentation titled: Omics and Symptom Science

Remote; Cleveland, OH

October 2021

\*\*University of Washington Research Seminar Series

Presentation titled: My Omics Toolbox

Remote; Seattle, WA

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May 2023

- March 2021      \*\*Symptom Management and Health-related Quality of Life Steering Committee Clinical Trials Planning Meeting on Cancer Related Cognitive Impairment  
Presentation titled: Mechanistic Underpinnings of CRCI: Genomics / Epigenomics of Neurocognitive Function in Breast Cancer  
Remote meeting originally to be held in Rockville, MD
- June 2020      \*\*National Institute of Nursing Research Summer Genetics Institute 20<sup>th</sup> Anniversary Symposium  
Presentation titled: Using Omics to Understand Patient Outcomes after Neurological Injury  
Remote Symposium originally to be held in Bethesda, MD
- July 2019      \*\*National Neurotrauma Society  
Presentation titled: Genetic Modulators of TBI Outcome  
Pittsburgh, PA
- January 2019    \*\*Visiting Scholar  
Michigan State University  
Presented lectures titled “Using Omics to Understand Patient Outcomes after Neurological Injury” and “Incorporating Omics into your Research Trajectory”  
East Lansing, MI
- June 2019      \*\*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
- June 2018      \*\*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
- June 2017      \*\*National Institutes of Health/National Institute of Nursing Research Summer Genetics Institute
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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

- 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
- 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”,
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May 2023

“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 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      \*\*Visiting Scholar  
University of Pennsylvania  
Presentation titled: “The Application of Genetic and Genomic Research to Nursing Science”
- March 2013      \*\*Visiting Scholar  
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”
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- 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  
Presentation titled "Applying Genetic and Genomic Research to Patient 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
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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  
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
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- 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  
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
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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

- 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  
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
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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
- 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
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- 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**

- Oct 2022 \*\*ARCS Foundation Keynote  
Pittsburgh, PA
- May 2019 The Epigenome Across the Lifespan Conference  
Presentation titled: Epigenomics of Patient Outcomes after Neurological Injury  
Pittsburgh, PA
- April 2019 Research Methodology Series  
Presentation titled: The National Institute of Nursing: Mission and Funding Opportunities  
Pittsburgh, PA
- May 2016 Big Data, Healthcare Analytics, and Personalized Medicine Course  
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
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- 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  
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
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- 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"

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

**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
2023	NUR2682, Human Genetics and Precision Health	Instructor

**Programs**

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

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2000 - 2009

Member, Master of Science in Nursing Council, University of  
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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

2013 - 2015 Member, PhD Curriculum Committee

2014 - 2015 Endowed Professor Search Committee

2015 - 2017 Member, Evaluation and Steering

2015 - 2018 Member, School Wide Curriculum Committee

2016 - 2018 Chair, PhD Apprenticeship Task Force

2016 - Present Multidisciplinary Advisory Committee (CTSI-KL2)

2018 - Present University Research Council

2018 - Present University of Pittsburgh Postdoctoral Association Faculty Advisory Board

2018- Present Chair and Member, Appointment, Reappointment, Tenure and Promotion Committee SON

2019 - Present Chair, Faculty Search Committee

2020 - Present Basic Science Council for the University of Pittsburgh

### **Other Professional Activities**

2018 Member NINR Intramural Scientists Review Committee

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

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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 – 2018 Member of external advisor committee for Biobehavioral Research Center, University of Pennsylvania School of Nursing

2012 - 2015 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 - 2019 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.

2022 - Present External Advisory Board Member, University of Washington School of Nursing T32

2023 Site Review for Graduate Programs, Wayne State University

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**Yvette Conley Table of Trainees**

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

<b>Trainee Name (Where Training Occurred if not at Pitt)</b>	<b>Past / Current Trainee</b>	<b>Predoc / Postdoc Level</b>	<b>Training Period</b>	<b>Title of Research Project</b>	<b>Achievements</b>	<b>Positions Held by Past Trainees</b>
J. Zabala	Current	Undergrad BSN	2022 -	DNA Methylation of CYP19 due to aromatase inhibitor therapy, the resulting effects on cognitive function in women with postmenopausal breast cancer, and mitigation of cognitive decline with exercise		
S. Levy	Current	Undergrad BSN	2021 -	Pain in breast cancer survivors, the role of BDNF		
K. O'Meara (Chair)	Past	Undergrad BSN	2019 – 2023	The influence of CYP2B6 variants on traumatic brain injury patient outcome after rapid sequence intubation	<ul style="list-style-type: none"> <li>• Honors College</li> <li>• BPhil</li> <li>• Harvey and Edna Roth Endowed Nursing Research Award</li> </ul>	UPMC Presbyterian

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E. Lounderslager (Chair)	Past	Undergrad BSN	2016 – 2020	The role of a PGC1-a variation in patient outcomes after severe traumatic brain injury	<ul style="list-style-type: none"> <li>• Honors College</li> <li>• BPhil</li> </ul>	Neuro ICU, Mercy Hospital, Pittsburgh, PA
E. Turi (Chair)	Past	Undergrad BSN	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>• Sigma Rising Star Award</li> <li>• Nightingale of PA Award</li> <li>• Presented research at an international conference in Cape Town South Africa</li> <li>• Co-authored 4 manuscripts (2 as 1<sup>st</sup> author)</li> </ul>	PhD in Nursing program; Columbia University

Trainee Name (Where Training Occurred if not at Pitt)	Past / Current Trainee	Predoc / Postdoc Level	Training Period	Title of Research Project	Achievements	Positions Held by Past Trainees
J. Wang (Chair)	Past	Undergrad BSN	2016-2019	Examining the Effect of Tumor Features, <i>BDNF</i> , and <i>5-HTT</i> Genotypes on Depressive Symptoms in Breast Cancer	<ul style="list-style-type: none"> <li>• Honors College</li> <li>• BPhil – March 2019</li> <li>• Nightingale of PA Award</li> <li>• Co-authored 3 manuscript (2 as 1<sup>st</sup> author)</li> <li>• Presented research at a national conference with abstract accepted for presentation at another in April 2019</li> </ul>	MD program; University of Pittsburgh Medical School
K. Mellett (Chair)	Past	Undergrad BSN	2016-2019	Relationship between variation in the <i>TP53</i> gene and patient outcomes following severe traumatic brain injury	<ul style="list-style-type: none"> <li>• Honors College</li> <li>• BPhil – April 2019</li> <li>• Presented research at a national conference with abstract accepted for presentation at another in April 2019</li> <li>• 1<sup>st</sup> author publication submitted for review</li> </ul>	Johns Hopkins University Hospital, Staff Nurse
E. Kantor (Committee Member)	Past	Undergrad BSN	2008-2010	An analysis of haptoglobin genotypes and recovery from aneurysmal subarachnoid hemorrhage	<ul style="list-style-type: none"> <li>• Honors College</li> <li>• BPhil – April 2010</li> </ul>	AtlantiCare Regional Medical Center Pomona NJ, Staff Nurse

<b>Trainee Name (Where Training Occurred if not at Pitt)</b>	<b>Past / Current Trainee</b>	<b>Predoc / Postdoc Level</b>	<b>Training Period</b>	<b>Title of Research Project</b>	<b>Achievements</b>	<b>Positions Held by Past Trainees</b>
I. Gowda (Committee Member)	Past	Undergrad BSN	2008-2009	Genotypic variations and frequencies of OPRM1 by race/ethnicity group in an orthopedic trauma population	<ul style="list-style-type: none"> <li>Honors College</li> <li>BPhil – April 2009</li> </ul>	PostBac Fellow NIH  MD Fellow UCLA Health
A. Pennett (Committee Member)	Past	Undergrad BSN	2013-2014	Risk factors for respiratory depression in postoperative orthopedic trauma patients	<ul style="list-style-type: none"> <li>Honors College</li> <li>BPhil – April 2014</li> <li>Outstanding Research Award for BSN student</li> </ul>	
A. Rietze (Committee Member)	Past	Undergrad BSN	2016-2018	Blood-based DNA methylation levels of endoglin pathway genes: do they differ in women with and without clinically-overt preeclampsia	<ul style="list-style-type: none"> <li>Honors College</li> <li>BPhil – April 2018</li> </ul>	
H. Moore (Committee Member)	Past	Undergrad BSN	2016-2019	Search for gut microbiota-mediated composition and influence in type 2 diabetes	<ul style="list-style-type: none"> <li>Honors College</li> <li>BPhil – April 2019</li> </ul>	
J. Kim (Committee Member)	Past	Undergrad BSN	2018-2019	Does a functional SNP variance in interleukin-6 lead to increased physiology of delirium in ICU patients	<ul style="list-style-type: none"> <li>Honors College</li> <li>BPhil – April 2019</li> </ul>	

Trainee Name (Where Training Occurred if not at Pitt)	Past / Current Trainee	Predoc / Postdoc Level	Training Period	Title of Research Project	Achievements	Positions Held by Past Trainees
M. Diamond (University of Pittsburgh Rehabilitation Sciences)  (Committee Member)	Past	Undergrad Neuroscience	2011-2014	IL-1B associations with post-traumatic epilepsy: a genetic and biomarker cohort study		Medical Student Rosalind Franklin University of Medicine and Science
T. Barr  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) for predoc (Sponsor – Conley)</li> <li>• Patent awarded (from dissertation work) and intellectual property licensed and commercialized</li> <li>• Robert Wood Johnson Faculty Award</li> </ul>	Postdoctoral Fellow – Intramural at NIH  Assistant Professor West Virginia University  Co-Founder and Chief Science Officer at CereDx Inc  Associate Professor Ohio State University
B. Charles  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 for dissertation research</li> <li>• NIH Genome Recognition of Employee Accomplishments and Talents (GREAT) 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

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N. Zangrilli Hoh 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 Schmella Dissertation Chair	Past	Pre	2007-2012	Genomics of the Endoglin Pathway in Preeclampsia	<ul style="list-style-type: none"> <li>• NIH/NINR F31NR011379 awarded (Sponsor-Conley)</li> <li>• ISONG Research Award</li> <li>• SST Research Award</li> <li>• NIH/NINR F32NR014622 awarded (perfect score)</li> <li>• NIH/NICHD R21HD092770 awarded</li> </ul>	Postdoctoral Fellow – Magee Womens Research Institute; awarded F32  Tenure Stream Assistant Professor University of Pittsburgh



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K. Baumgartel  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> <li>• NIH/NINR F32NR017133 awarded</li> <li>• Pitt School of Nursing Community Service Award</li> <li>• March of Dimes Saving Babies Together Award</li> <li>• Board of Directors Mid-Atlantic Mother's Milk Bank</li> </ul>	<p>Postdoctoral Fellowship; School of Medicine; University of Pittsburgh</p> <p>Tenure Stream Assistant Professor University of South Florida</p>
C. Snyder  Dissertation Chair	Past	Pre	2007-2012	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 (went on medical leave from program and could not finish program)
T. Koleck  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> <li>• K99NR015473 awarded (perfect score)</li> <li>• R00NR015473</li> </ul>	<p>Postdoctoral Fellowship Columbia University; awarded K99/R00</p> <p>Tenure stream Assistant Professor University of Pittsburgh</p>

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N. Osier (Committee Member)	Past	Pre	2012-2016	Mechanism of Melatonin-induced Neuroprotection in Traumatic Brain Injury	<ul style="list-style-type: none"> <li>• NIH/NINR F31NR014957</li> <li>• Copeland Foundation award</li> <li>• ISONG research award</li> </ul>	Postdoctoral Fellow intramural NIH  Tenure Stream Assistant Professor University of Texas at Austin
L. Wright Heinsberg  Dissertation Chair	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 (Sponsor – Conley)</li> <li>• ISONG Research Award</li> <li>• PA Nightingale Award</li> <li>• American Nurses Foundation Award</li> </ul>	Postdoctoral Fellow; TL1 scholar; University of Pittsburgh Department of Human Genetics  K99/R00 awarded
F. Peterson-Burch  Dissertation Chair	Past	Pre	2015 – 2022	Role of miRNA in age-related maculopathy	<ul style="list-style-type: none"> <li>• Institutional Predoctoral Fellowship (T32); University of Pittsburgh</li> <li>• Jonas Scholar</li> </ul>	
L. Graves  Dissertation Chair	Past	Pre	2016 – 2019	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>	Postdoctoral Scholar at NIH funded by RWJF and NINR  Tenure Stream Assistant Professor University of Texas Medical Branch

L. Gawron Dissertation Chair	Past	Pre	2018 - 2023	Promoting Health Through Appreciation of Variability in Labor Using Group-Based Trajectories and Omics of the Oxytocin Pathway.	<ul style="list-style-type: none"><li>• Institutional Predoctoral Fellowship (T32); University of Pittsburgh</li><li>• Jonas Scholar</li></ul>	Tenure Stream Assistant Professor Loyola University
T. Davis	Current	Pre	2019 -	Multi-Omics of Breast Cancer Related-Fatigue and its Mitigation by Exercise	<ul style="list-style-type: none"><li>• Institutional Predoctoral Fellowship (T32); University of Pittsburgh</li><li>• ISONG dissertation research award</li></ul>	

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Y. Zhu (Committee Member)	Current	Pre	2015 – pres	Musculoskeletal Pain among Breast Cancer Survivors: Through Biobehavioral and Imaging Lenses	<ul style="list-style-type: none"> <li>• F99CA234782</li> <li>• K00CA234782</li> </ul>	Postdoctoral Scholar; Harvard University
J. Dechant (University of Pittsburgh – Epidemiology)  (Committee Member)	Past	Pre	2010-2013	Exploration of MTDNA variants in relation to post-traumatic seizure after severe traumatic brain injury		Assistant Professor University of Pittsburgh
M. Failla (University of Pittsburgh Department of Neuroscience)  (Committee Member)	Past	Pre	2010-2014	Monoaminergic and neurotrophic gene variation associated with fronto-limbic circuitry affect mood and cognitive recovery post-TBI		Postdoctoral Fellow Vanderbilt University
S. Adams (University of Pittsburgh School of Pharmacy)  (Committee Member)	Past	Pre	2015-2018	Targeting the genetic and molecular role of ABCG2 following traumatic brain injury		Assistant Professor of Pharmacogenomics Shenandoah University

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H. Li  (Committee Member)	Past	Pre	2016-2019	The psychological symptom cluster among women with breast cancer before and during adjuvant therapy	<ul style="list-style-type: none"> <li>American Cancer Society Predoctoral Fellowship award</li> </ul>	Postdoctoral Fellow University of Illinois Chicago  Tenure Stream Assistant Professor University of Illinois Chicago
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>	Tenure Stream Assistant Professor Duke University (K99/R00 recipient)  Associate Professor Duke University  Professor University of Florida
M. Gallek  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  Associate Professor University of North Carolina  Robert Wood Johnson Faculty Award
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  Associate Professor with Tenure University of Utah

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A. Puccio  Dissertation Committee Member	Past	Pre	1999-2008	Biochemical Measurements in Severe TBI Patients	<ul style="list-style-type: none"> <li>• Copeland Research Award</li> <li>• K99NR013176 (Primary Sponsor – Conley)</li> </ul>	Tenure Stream Assistant Professor University of Pittsburgh Department of Neurosurgery (K99/R00 recipient)
S. Alexander  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> <li>• NIH/NINR R03NR01152 awarded</li> <li>• NIH/NIA R21 awarded</li> </ul>	Associate Professor with tenure University of Pittsburgh  Past President, International Society of Nurses in Genetics
G. Rodway  Dissertation Committee Member	Past	Pre	1999-2004	Intermittent Hypoxia: Impact on Cardiovascular Parameters and Oxidative Stress		Assistant Professor University of Utah  Associate Professor UC Davis
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  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  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	<ul style="list-style-type: none"> <li>NIH/NINR R01NR016695 awarded</li> </ul>	Associate Professor with Tenure 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 of Medicine University of Buffalo

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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>	Internal Medicine Massachusetts General Hospital
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> <li>NIH/NINR R01NR017407 awarded</li> </ul>	Postdoctoral Scholar University of Pittsburgh  Associate Professor Associate Dean of Research University of Tennessee
H. Khalil (University of Pittsburgh)  Dissertation Committee Member	Past	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



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J. Zelazny  Dissertation Committee Member	Past	Pre	2009-2016	Genomics of Suicidality		Postdoctoral Scholar University of Pittsburgh WPIC – T32  Tenure Stream Assistant Professor University of Pittsburgh
A. Dressen (University of Pittsburgh Department of Epidemiology)  (Committee Member)	Past	MS	2006-2007	Growth hormone genes and prostate cancer risk		Computational Biologist Genentech
J. Fan (University of Pittsburgh Department of Biostatistics)  (Committee Member)	Past	MS	2012-2013	Trajectories of emotional symptoms among survivors after severe traumatic brain injury		
Y. Li (University of Pittsburgh Department of Human Genetics)  (Committee Member)	Past	MS	2017-2018	Epigenome-wide association study of recovery outcomes of traumatic brain injury patients		PhD student at University of Washington

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A. Arockiaraj (University of Pittsburgh Department of Human Genetics)  (Committee Member)	Past	MS	2017-2019	Epigenome-wide association studies in aneurysmal subarachnoid hemorrhage patients		PhD student at University of Pittsburgh
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
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  Associate 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  Assistant Professor Uniformed Services University

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M. Knisely	Past	Post	2016 – 2018	Pain and co-occurring symptoms in IBS	<ul style="list-style-type: none"> <li>• Institutional Postdoctoral Fellowship (T32); University of Pittsburgh</li> <li>• ISONG research award</li> <li>• R21NR020017</li> </ul>	Tenure Stream Assistant Professor Duke University
E. Williams	Current	Post	2017 – 2019	Sleep in patients with severe traumatic brain injury	<ul style="list-style-type: none"> <li>• Institutional Postdoctoral Fellowship (T32); University of Pittsburgh</li> </ul>	Not Applicable – current trainee
L. Shah	Current	Post	2017 – 2019	Sharing of family health information using electronic health records	<ul style="list-style-type: none"> <li>• Institutional Postdoctoral Fellowship (T32); University of Pittsburgh</li> </ul>	Not Applicable – current trainee
M. Wagner	Current	Post	2018 – 2020	Omics of pain across chronic disorders	<ul style="list-style-type: none"> <li>• Institutional Postdoctoral Fellowship (T32); University of Pittsburgh</li> <li>• K99NR019080 (Conley – Sponsor)</li> </ul>	Tenure Stream Assistant Professor Case Western Reserve University
N. Park	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	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

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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> <li>• NIH/NINR R01NR017407 awarded</li> </ul>	Assistant Professor University of Tennessee  Associate Professor Associate Dean for Research University of Tennessee  Awarded R01
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 - Conley)</li> </ul>	Tenure stream Assistant Professor New York University
R. Jha	Current	Jr. Fac	2015-pres	Omics of intercranial pressure post traumatic brain injury	<ul style="list-style-type: none"> <li>• K23NS101036 (Co-Sponsor - Conley)</li> <li>• R01NS115815</li> </ul>	St. Joseph's Hospital and Medical Center Phoenix, AZ
A. Treble-Barna	Current	Jr. Fac	2017-pres	Epigenetic influences on neurobehavioral recovery following pediatric traumatic brain injury	<ul style="list-style-type: none"> <li>• CTSI KL2 recipient (Sponsor – Conley)</li> <li>• K01HD097030</li> <li>• (Sponsor – Conley)</li> </ul>	Not Applicable – current trainee