

Curriculum Vitae

Name: Paul Wesley Scott

Business Address:

Office of Research & Scholarship
School of Nursing
University of Pittsburgh
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Pittsburgh, PA 15261

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Education & Training

Undergraduate

2000-2007	Berea College Berea, KY	B.A. (Magnum Cum Laude) Psychology
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Graduate

2011-2014	University of Pittsburgh School of Education Pittsburgh, PA	M.A. Research Methodology
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2013-2017	University of Pittsburgh School of Education Pittsburgh, PA	Ph.D. Research Methodology
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Revised: 12/20/2023

Appointments and Positions

2018-Present	Office of Research & Scholarship Department of Health & Community Systems School of Nursing, University of Pittsburgh Pittsburgh, PA	Faculty Statistician Assistant Professor
2018	Department of Statistics University of Pittsburgh Pittsburgh, PA	Visiting Professor
2011-2017	Department of Psychology in Education School of Education, University of Pittsburgh Pittsburgh, PA	Teaching Assistant/ Research Assistant/ Instructor

Publications

[* indicates graduate student]

Thomas, T. H., **Scott, P. W.**, Nilsen, M. L., Lee, J., McCarthy, M. E., Harris, A., Johnson, J., & Donovan, H. (2024, In press). The Female Self-Advocacy in Cancer Survivorship Scale is a psychometrically sound measure of self-advocacy in male cancer survivors. *Psycho-Oncology*.

Konkol, M.*, George, E. L., **Scott, P. W.**, & Imes, C. C. (2024). Examining Nurses' Perception of Shift Work and Evaluating Supportive Interventions. *Journal of Nursing Care Quality*, 39(1), 10-17.

Orbell, S. L.*, **Scott, P. W.**, Baniak, L. M., Chasens, E. R., Godzik, C., Jeon, B., Morris, J.L., & Luyster, F. S. (2023). Patient-level factors associated with the self-report of trouble sleeping to healthcare providers in adults at high risk for obstructive sleep apnea. *Sleep Health*.

Abda, R.*, Pietrzyk, G., **Scott, P. W.**, & Fennimore, L. (2023). Taking Action Against Clinician Burnout Through Reducing the Documentation Burden With an Operating Room Supply Scanning Approach. *CIN: Computers, Informatics, Nursing*

Kariuki, J. K., Imes, C. C., Engberg, S. J., **Scott, P. W.**, Klem, M. L., & Cortes, Y. I. (2023). Impact of lifestyle-based interventions on absolute cardiovascular disease risk: a systematic review and meta-analysis. *JBIM evidence synthesis*

- Morris, J.L., Belcher, S.M., Jeon, B.*, Godzik, C.M., Imes, C.C., Luyster, F.S., Sereika, S.M., **Scott, P.W.**, & Chasens, E.R. (2023). Financial Hardship and its association with Perceived Sleep Quality in participants with Type 2 diabetes and Obstructive Sleep Apnea. *Chronic Illness*, 19(1), 197-207.
- Morris, J.L., Orbell, S.*, **Scott, P.W.**, Imes, C.C., Jeon, B.*, Baniak, L.M., Burke, L.E., & Chasens, E.R. (2022). Risk Stratification by Sex and Menopausal Status in the Multivariable Apnea Prediction Index. *Sleep and Breathing*, 27(5), p. 1695-1702
- Davis, J.A.*, Glasser, M., Spatz, D.L., **Scott, P.W.**, Demirci, J.R., Dowling, D., Newberry, D.M., & Parker, L. (2022). First Feed Type is associated with Birth/Lactating Parent's own milk use during NICU stay among Infants who require Surgery. *Advances in Neonatal Care*, 22(6), 578-588
- Kariuki, J., Yang, K., **Scott, P.W.**, Chasens, E.R., Godzik, C., Luyster, F.S., & Imes, C.C. (2022). Obstructive Sleep Apnea Risk is associated with Severity of Metabolic Syndrome: A Secondary Analysis of the 2015-2018 National Health and Nutrition Examination Survey. *Journal of Cardiovascular Nursing*, 37(5), 482-489
- Blaskowitz, M., Pustorino-Clevenger, A., Licata, A.M., Killion, M., Borovich, O., Becker, C., Naegler, E., & **Scott, P.W.** (2022). A Comparison of Student Attitudes on Inclusive Post-Secondary Education at Two Mid-Atlantic Universities. *Journal of Inclusive Postsecondary Education*, 4(1)
- Bowser, A.S., Kazakoff, M.A.*, **Scott, P.W.**, & Dunbar-Jacob, J. (2022). Nursing Students' Dissatisfaction with Course Organization and Student Engagement in Remote Learning –year Post-COVID-19 Restrictions. *Nurse Educator*, 47(3)
- Baniak L.M., **Scott P.W.**, Chasens E.R., Imes, C.C., Jeon, B.*, Shi, X.*, Strollo, P.J., & Luyster, F.S. (2022). Sleep problems and associations with cardiovascular disease and all-cause mortality in asthma-chronic obstructive pulmonary disease overlap: analysis of the National Health and Nutrition Examination Survey (2007-2012). *Journal of Clinical Sleep Medicine*, 18(6):1491-1501.
- Bou-Samra, P., **Scott, P.W.**, Cheng, H., Kallem, C., Pathak, R., Geller, D. A., Marsh, W., Wang, Y., Antoni, M, Penedo, F. & Steel, J. L. (2021). Social Support is Associated with Survival in Patients Diagnosed with Gastrointestinal Cancer. *Journal of Gastrointestinal Cancer*
- Dieterich, R.*, Chang, J., Danford, C., **Scott, P. W.**, Wend, C., & Demirci, J. (2021). She "didn't see my weight; she saw me, a mom who needed help breastfeeding": Perceptions of perinatal weight stigma and its relationship with breastfeeding experiences. *Journal of Health Psychology*
- Dieterich, R.*, Chang, J., Danford, C., **Scott, P.W.**, Wend, C., & Demirci, J. (2021). The Relationship between Internalized Weight Stigma during Pregnancy and Breastfeeding: A Prospective, Longitudinal Study. *Obesity: A Research Journal*.
- Alsbrook, K.E.*, Harpel, C.K., **Scott, P.W.**, Hayden, A.D., Dunwoody, C.J., & Wesmiller, S.W. (2021). Older Women and Opioid Analgesia after Breast Cancer Surgery. *Pain Management Nursing*. 22(3), 327-335.

Scott, P.W. (2021). Accounting for time-varying inter-individual differences in trajectories when assessing cross-lagged models, *Structural Equation Modeling: A Multidisciplinary Journal* , 28(3), 365-375.

Blaskowitz, M. G., **Scott, P. W.**, Randall, L., Zelenko, M., Green, B. M., McGrady, E., Famularo, E., & Lonergan, M. (2020). Closing the Gap: Identifying Self-Reported Quality of Life Differences Between Youth With and Without Intellectual and Developmental Disabilities. *Inclusion*, 8(3), 241-254.

Constantino, R. E., Reyes, A. T., Kregg-Byers, C. M., Braxter, B., **Scott, P. W.**, Cobb, J., Hui, V.*, Ren, D., Kameg, B., Cuevas, P.E, Palompon, D.R., Petrie, J., & Palanisamy, B. (2020). Matters of HEARTS: health, experience of abuse, resilience, technology use, and safety of older adults. *Educational Gerontology*, 46(7), 367-381.

Ridener, R., Kuehn, S., & **Scott, P.W.** (2020). Why do criminology and criminal justice students choose their major? An examination of parental, personality, and other individual characteristics. *Journal of criminal justice education*, 31(1), 1-22.

Li, H.*, Ji, M.*, **Scott, P.W.**, & Dunbar-Jacob, J. M. (2019). The effect of symptom clusters on quality of life among patients with type 2 diabetes. *The Diabetes Educator*, 45(3).

Scott, P.W. (2019). Causal inference methods for selection on observed and unobserved factors: propensity score matching, heckit models, and instrumental variable estimation. *Practical Assessment, Research, & Evaluation*, 24(3).

Blaskowitz, M.G., Hernandez, B., & **Scott, P.W.** (2019). Predictors of emergency room and hospital utilization among adults with intellectual and developmental disabilities. *Intellectual and Developmental Disabilities*, 57(2), 127-145

Bachman, H. J., Elliott, L., **Scott, P. W.**, & Navarro, M. G. (2018). Latino children's academic and behavioral trajectories in early elementary school: Examining home language differences within preschool types. *Early Childhood Research Quarterly*.

Fredricks, J. A., Hofkens, T., Wang, M. T., Mortenson, E., & **Scott, P.W.** (2018). Supporting girls' and boys' engagement in math and science learning: A mixed methods study. *Journal of Research in Science Teaching*, 55(2), 271-298.

Kuehn, S., Ridener, R. J., & **Scott, P. W.** (2018). Do Criminology Classes Make a Difference? Changes in Perceptions of Punishment Over Time. *Journal of Criminal Justice Education*, 29(1), 1-17.

Scott, P.W. & Page, L.C. (2017, August 18). Could "With a little help from my friends" become the next college access anthem? *Brookings Brown Center Chalkboard*

Conway, S.J., Brennan, K., & **Scott, P.W.** (2017). A University Response to the Special Education Teacher Shortage: Extending Professional Development from Teacher Preparation into Novice Years. *Pennsylvania Teacher Educator*, (Fall 2017).

Lane, S., Stone, C., Draper, J., **Scott, P.W.** & Krost, K. (January 2013). *Pennsylvania Teacher Evaluation 2011-2012 Pilot: Report for the Teachers and Principals/Evaluators*. Pittsburgh, PA: University of Pittsburgh. (Award # 4300345494).

Scott, P. W. (2011). Semiotic Phenomenology and the Relational Constitution of Signs and Experience. *The American Journal of Semiotics*, 28(3/4), 267-299.

Presentations

Sprenker, C., Akuamoah-Boateng, K., Meissen, H., Akuamoah-Boateng, E., Wells, C., Avadhani, A., Anderson, M., DePriest, A., Murugan, R., Patel, M., **Scott, P.W.**, & Whelan, J. Critical Care Practice Models: Is there an ingredient for success? *Critical Care Medicine* 52(1):p S762, January 2024.

Avadhani, A., Anderson, M., DePriest, A., Murugan, R., Patel, M., **Scott, P.W.**, Sprenker, C., Meissen, H., Akuamoah-Boateng, E., Wells, C., Whelan, J., & Akuamoah-Boateng, K. Critical Care Workforce Priorities for Pandemic Preparedness. *Critical Care Medicine* 52(1): p S152, January 2024.

Scott, P.W. (2023). Using Extreme Threshold Constraints for Partially-Known Latent Class Models. *International Meeting of the Psychometric Society (IMPS) 2023, University of Maryland, USA*.

Orbell, S.*, Chasens, E.R., **Scott, P.W.**, Luyster, F., & Morris, J.L. (2022). Validation of the Predictive Utility of the Multivariable Apnea Index for Obstructive Sleep Apnea in Women. *Sleep* 2022

Mazzotti, D., **Scott, P.W.**, & Morris, J.L. (2022). Obstructive Sleep Apnea Symptom Subtype Transitions over Five Years are associated with Increased Cardiovascular Disease Incidence Risk. *Sleep* 2022

Morris, J.L, **Scott, P.W.**, & Mazzotti, D. (2022) Five-year Transitions of Symptom Subtypes in Untreated Obstructive Sleep Apnea. *Sleep* 2022

Scott, P.W. (2022). Difference Score Methods for Time-Varying Covariates in Latent Transition Analysis. *International Meeting of the Psychometric Society (IMPS) 2022, University of Bologna, Italy*

Guzman-Alvarez, A.*, Qin, X., & **Scott, P.W.** (2022). Deep Neural Networks for Propensity Score Estimation. *Multivariate Behavioral Research: Society of Multivariate Experimental Psychology*.

Imes, C.C., Kariuki, J., Chasens, E.R., **Scott, P.W.** & Yang, K. (2021). Associations between Metabolic Syndrome Severity and Race/Ethnicity. *American Heart Association*

Morris, J.L., Imes, C.C., **Scott, P.W.**, & Chasens, E.R. (2021). Sensitivity of the Multivariable Apnea Prediction Index in Screening Pre- and Post-Menopausal Women for Obstructive Sleep Apnea. *American Thoracic Society*.

Scott, P.W. (2021). Bayes and ML for Detecting Causal Dominance with Small Samples. *International Meeting of the Psychometric Society (IMPS) 2021, Virtual*

Nilsen, E.*, **Scott, P.W.**, Sereika, S., & Germack, H. (2021). Prolonged Postoperative Opioid Use in Patients with Serious Mental Illness. *Eastern Nursing Research Society Annual Conference*.

Morris, J.L., Baniak, L., Belcher, S., Imes, C., Luyster, F., Sereika, S.M., **Scott, P.W.**, & Chasens, E.R.(2020). Perceived Financial Difficulty Predicts Sleep Quality in Participants with Type 2 Diabetes and Obstructive Sleep Apnea. *Sleep 2020 Virtual Conference*.

Jeon, B*., Luyster, F.S., **Scott, P.W.** & Chasens, E.R. (2020). Associations between Circadian Preference and Sleep-Related Cognitions. *Sleep 2020 Virtual Conference*.

Anderson, M., Marrie, C., **Scott, P.W.**, Fetzick, A., & Puccio, A. (2019). Preventing Intracranial Hypertension in Traumatic Brain Injury Patients is Hard Work. *Society for Critical Care Medicine (SSCM) Annual Meeting*.

Hui, V.*, Constantino, R.S.E., Scott, P.W., Kregg-Byers, C. (2019). The Association between Experience of Abuse and Sleep Quality of Older Person in the Pittsburgh Area. *Society of Behavioral Medicine, 40th Annual Meeting*

Bachman, H. J., Elliot, L., **Scott, P.W.** & Navarro, M. (2018). Short- and Long-Term Benefits of Preschool for Latino Children: The Moderating Influence of Home Language. Presented in paper symposium “Cultural Studies in Early Childhood Education and Care” at *American Education Researchers Association (AERA) annual meeting*.

Bachman, H. J., Elliot, L., **Scott, P.W.** & Navarro, M. (2017, November). *Charter school enrollment impacts for low-income children’s early achievement trajectories*. Association for Public Policy Analysis and Management, Chicago, IL.

Iwatani, E. & **Scott, P.W.** (2017). Racism in High-Stakes Educational Testing: An Elucidation of the Major Concerns. *2017 Fourth International Conference of the Center for Culturally Responsive Evaluation and Assessment (CREA)*.

Bachman, H., Elliot, L., **Scott, P.W.**, & Navarro, M. (2017). The impact of charter school enrollment on low-income children’s early math trajectories. Research presented in the Paper Symposium on “Contextual Influences on Low-Income Children’s Early Math Development” at the *2017 SRCD (Society for Research in Child Development) biennial meeting*.

Steel J.L., Hua, M., **Scott, P.W.**, Cheng, H., Geller, D.A., Marsh, J., Antoni, M., Burke, L., Penedo, F., Butterfield, L., Vodovotz, Y., & Tsung, A. (2016). Social support: Predictor of mortality in gastrointestinal cancer patients. *14th American Psychosocial Oncology Society (APOS) Annual Conference*

Scott, P.W., Hua, M., Geller, D.A., Wang, Y., Marsh, J., Antoni, M., Burke, L., Penedo, F., Butterfield, L., Vodovotz, Y., Tsung A., & Steel, J.L. (2016). Predicting the course of depression and stress and the link with mortality in patients with gastrointestinal cancers. *75th Annual Scientific Meeting of the American Psychosomatic Society*.

Bachman, H.J., Elliott, L. & **Scott, P.W.** (2016). Dynamic trends in Kindergarten enrollment patterns in publicly funded schools of choice. Presented in roundtable session “Markets and Educational Policy: Potential and Pitfalls” at *American Education Researchers Association (AERA) annual meeting*.

Scott, P.W., Stone, C.A., Bachman, H.J., & Elliott, L. (2016). Comparing Heckit and Propensity Methods under conditions when there is evidence of selection into treatment. *American Education Researchers Association (AERA) annual meeting*.

Bachman, H.J., Keller, L. & **Scott, P.W.** (2015). Maternal education transitions and changes in academic socialization practices during elementary school. *Society for Research in Child Development (SRCD) biennial meeting*.

Nania, V., **Scott, P.W.**, & Klein, R. (2013). “Relationship between Political Views and Choice of Media” *Annual Convention of the American Psychological Association, Honolulu, HI*.

Teaching

Course Number & Title	Level
PSYED 2001: Intro to Research Methodology	Graduate
STAT 1000: Applied Statistical Methods	Undergraduate
STAT 1221/2220: Applied Regression Analysis	Undergrad / Grad
NUR 3288: Research Measurement	Graduate
NUR 0088: Intro to Basic Statistics for EBP	Undergraduate
NUR 2112/3112: Applied Parametric and Non-Parametric Statistics for Health Sciences 1	Graduate
NUR 2113/3113: Applied Parametric and Non-Parametric Statistics for Health Sciences 2	Graduate
NUR 2114/3114: Applied Regression for Health Sciences	Graduate
NUR 2011: Applied Statistics for EBP	Graduate

Mentorship

PhD Dissertation Committee

Rachel Renee Dieterich. *The Relationship Between Perinatal Weight Stigma and Breastfeeding Outcomes: A Mixed-Methods Study*. Defended

Karen Alsbrook. *Self-Advocacy and Communication Regarding Pain Management amongst Older Women with Breast Cancer* Defended

Staci Orbell. *Factors associated with Obstructive Sleep Apnea Evaluation in at-risk patients generally and in the perianesthesia setting specifically*. Defended

Kai-Lin You. *Return-to-Work in Nurses with Cancer: A cross-sectional survey to evaluate self-reported work limitation and associated factors*. In progress

Do Kyung Kim (Joy). *Workforce Outcomes of Primary Care Nurse Practitioners across various team structures*. In progress

Elizabeth Nilsen *The Relationship Between Postoperative Prescriber Networks and Opioid Prescribing Discoordination*. In progress.(Awarded F30 support from NIH-NIDA)

DNP Project Committee

Claire Champion. *The Impact of Cost-Sharing on Medication Adherence in Behavioral Health Patients with Public and Private Health Insurance: Implications for Practice and Future Policy Reforms*. Presented March 28th, 2022

Rachael Broadbent. *Development and Validation of guidelines to improve Patient Safety in Anesthesia care for pediatric patients undergoing gamma knife treatment and magnetoencephalography*. Presented July 29th, 2021

Robert Abda. *Taking Action Against Clinician Burnout Through Reducing the Documentation Burden with Operating Room Supply Scanning*. Presented November 28th, 2022

Undergraduate Honors Thesis Committee

Long Tran. *Association Between Pain, Sleep, Global Health, and Functional Outcomes in Older Adults*. Completed April 15th, 2021.

Alexandra Tolassi. *Associations between Treatment-Seeking Delay and Clinical Course of Patients with suspected Acute Coronary syndrome at initial emergency department encounter*. Completed April 13th, 2022.

Maura Gallagher. *Demographic and Clinical Characteristics of Acute Coronary Syndrome Patients with Single Versus Multi-Vessel Coronary Occlusion*. In Progress.

Service

2022-Current. Pitt Faculty Union Representative; Member of Bargaining Committee.

2020- Current. Evaluation and Steering Committee

2020-Current. MSN/DNP Research Comprehensive Exam Committee.

2019-Current. DNP Core Competency Test Taskforce

2019-Current. Clinical Judgment for NCLEX Task Force

Reviewer:

2022-Current. Youth and Society

2020-Current. Structural Equation Modeling: A Multi-Disciplinary Journal

2019, 2021. Faculty Grant Applications, Center for SOTL, School of Nursing, Univ. of Pittsburgh

2019-2022. Undergraduate & Graduate Scholarship Applications, SAAR, School of Nursing, Univ. of Pittsburgh

2023. Subject Matter Expert Reviewer for Research Report, Patient-Centered Outcome Research Institute (PCORI).

2023-Current. Pain Management Nursing.

Awards

2002. Thornton Wilder Award in Playwriting, Berea College

2006. Francis S. Hutchins Award in Literature, Berea College

2023. Dean's Distinguished Teaching Award, School of Nursing, University of Pittsburgh