

October, 2018

Curriculum Vitae**Name:** Paula Riess Sherwood, PhD, RN, CNRN, FAAN**Business Address:** University of Pittsburgh
School of Nursing
3500 Victoria Street
321 Victoria Building
Pittsburgh, PA 15261**Email Address:** prs11@pitt.edu**Citizenship:** United States**Business Phone:** (412) 624-4802**Business Fax:** (412) 383-7227**Education and Training****Undergraduate**1986 - 1990 James Madison University B.S.N.
Harrisonburg, VA Nursing**Graduate**1992 - 1995 University of Iowa M.S.N.
Iowa City, IA Nursing2000 – 2004 Michigan State University Ph.D.
East Lansing, MI Nursing**Post Graduate**2004 – 2005 University of Pittsburgh Post doctoral fellowship
Pittsburgh, PA Nursing**Appointments and Positions****Academic**

2012 - present Department of Acute and Tertiary Care, School of Nursing, University of Pittsburgh Professor

2012 - present Department of Neurosurgery Professor
School of Medicine, University of Pittsburgh Secondary Appointment2008 - present RAND- University of Pittsburgh Health Member
Institute

2012 - 2015 Department of Acute and Tertiary Care, School of Nursing, University of Pittsburgh Vice Chair for Research

2007 - 2012 Department of Acute and Tertiary Care, School of Nursing, University of Pittsburgh Associate Professor with tenure

2007 - 2012 Department of Neurosurgery Associate Professor
School of Medicine, University of Pittsburgh Secondary Appointment

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| 2005 - 2007 | Department of Acute and Tertiary Care, School of Nursing, University of Pittsburgh | Assistant Professor |
| 2006 - 2007 | Department of Neurosurgery School of Medicine, University of Pittsburgh | Associate Professor Secondary Appointment |
| 2004 - 2005 | Department of Acute and Tertiary Care, School of Nursing, University of Pittsburgh | Post-Doctoral Fellow |
| 2002 | College of Nursing, University of Michigan – Flint | Clinical Instructor |
| 2000 - 2003 | Michigan Department of Community Health, University Cancer Grant, Michigan State University, East Lansing, MI | Research Assistant |
| 2000 - 2004 | Mary Margaret Walther Cancer Institute, Michigan State University, East Lansing, MI | Research Assistant |
| 1994 - 1995 | College of Nursing, University of Iowa Iowa City, IA | Teaching Assistant |
| Non-Academic | | |
| 1996 - 2000 | Genesys Regional Medical Center, Grand Blanc, MI | Clinical Nurse Specialist, Neuroscience |
| 1992 - 1995 | University of Iowa Hospitals and Clinics, Iowa City, IA | Staff Nurse, Neurosurgery |
| 1990 - 1991 | Queen's Medical Center Honolulu, HI | Staff Nurse, Neuroscience |

Licensure and Certification

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| 9/16/04 | RN 557168 | Pennsylvania |
| 12/31/2019 (expiration) | American Board of Neuroscience Nurses | Certified Registered Neuroscience Nurse |

Membership in Professional and Scientific Societies

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|----------------|---|
| 1994 - 2013 | Member American Association of Neuroscience Nurses (AANN) |
| 2003 - 2005 | Nominating Committee |
| 1996 - 2004 | AANN Southeast Michigan Chapter |
| 1996 - 1998 | Treasurer |
| 1998 - 2000 | Nominating Chairperson |
| 2002 - 2004 | Membership Chairperson |
| 2000 - present | Member, National Brain Tumor Foundation |

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|----------------|---|
| 2013 – present | Advisor and presenter, Caregiver Education Series for Practitioners |
| 2000 - present | Member, Oncology Nursing Society |
| 2006-2007 | Member, Putting Evidence Into Practice Committee |
| 2006-2007 | Member, Research Agenda Committee |
| 2012-2014 | Member, Scientific and Research Advocacy Subgroup of the Research Advisory Panel |
| 2014 | Content leader, Family Caregiving, Research Agenda Committee |
| 2015 | Co-Content leader, Family Caregiving, Research Agenda Committee |
| 2016 – present | Advisor, Clinical Journal of Oncology Mentorship Program |
| 2001 - 2004 | Member, Midwest Nursing Research Society |
| 2002 - 2010 | Associate Member, Behavioral Cooperative Oncology Group |
| 2004 - 2013 | Member, AANN Pittsburgh Chapter |
| 2004 - 2013 | Member, Eastern Nursing Research Society |
| 2004 - present | Member, Society for Critical Care Medicine |
| 2005 - 2010 | American Board of Neuroscience Nurses |
| 2005 - 2008 | Executive Member, Board of Directors |
| 2007 - 2009 | Task Force for Recertification Criteria Revision |
| 2008 - present | Society for Neuro-Oncology |
| 2008 - 2009 | Chairperson, Research agenda for quality of life research in neuro-oncology |
| 2013 – 2014 | Member, Program Planning Committee for Annual Meeting |
| 2015 | Abstract Reviewer for the 20 th Annual Scientific Meeting and Education Day |
| 2015 – present | Editorial Board Member of Journal of Neuroscience Practice |
| 2009-present | Neuroscience Nursing Foundation |
| 2009-2013 | Executive Board, Vice President of Education |
| 2013-present | Executive Board, Vice President of Research |
| 2010-present | American Academy of Nursing |
| 2010 | CANS Committee Member and Reviewer of Candidates for Brilliant Young Scientist and Outstanding Scientist Awards |
| 2016 | Abstract reviewer for the Council for the Advancement of Nursing Science 2016 State of the Science Congress |

Honors

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| 1995 | Sigma Theta Tau (Nursing Honor Society) |
| 2002 | Honorable Mention, Blue Cross Blue Shield of Michigan Foundation Excellence in Research Awards for Students |
| 2003 | Phi Kappa Phi (Honor Society) |
| 2004 | Outstanding Doctoral Student, College of Nursing, Michigan State University |
| 2007 | Selected as a fellow for the Faculty Diversity Seminar, University of Pittsburgh |
| 2007 | 2 nd place, Poster presentation, Oncology Nursing Society 9 th National Conference on Cancer Nursing Research |
| 2008 | New Investigator Award, American Psychosocial Oncology Society |
| 2008 | Featured in the report of the Council of Graduate Schools “Graduate education and the public good” |
| 2008 | Investigator with a Brilliant Future Award, Council for the Advancement of Nursing Science |
| 2010 | Nightingale Award for Nursing Research, Pennsylvania State Nurses Association |
| 2011 | Inducted as a Fellow in the American Academy of Nursing |
| 2012 | Fulbright-Saastamoinen Scholar Grant in Health Sciences program; Kuopio, Finland |
| 2018 | Awarded sabbatical to study Dissemination and Implementation Research |

Selected Publications

h-index=33; citations=4249; 50 articles as first or senior author

Refereed Articles * = Data Based; ^ = Senior Author

1. **Riess-Sherwood, P.**, Given, B., & Given, C. (2002). Who cares for the caregiver: Strategies to provide support. *Home Health Care Management and Practice, 14*(2)110-121.
2. **Sherwood, P.**, Given, B., Given, C., Schiffman, R., & Murman, D. (2004). Family care of persons with a brain tumor. *Nursing Inquiry, 11*(1), 43-53.
3. ***Sherwood, P.**, Given, B., Scholnik, A., & Given, C. (2004). To refer or not refer: Factors that affect primary care provider referral of patients with cancer to clinical treatment trials. *Journal of Cancer Education, 19*(1), 58-65.
4. ***Sherwood, P.**, Given, B., Doorenbos, A., & Given, C. (2004). Forgotten voices: Lessons from bereaved caregivers. *Journal of Palliative Care Nursing, 10*(2), 67-75.
5. ***Sherwood, P.**, Stommel, M., Murman, D., Given, C., & Given, B. (2004). Primary malignant brain tumor incidence and medicaid enrollment. *Neurology, 62*(10), 1788-1793.
6. *Given, B., Wyatt, G., Given, C., Gift, A., **Sherwood, P.**, DeVoss, D., & Rahbar, M. (2004). Burden and depression among caregivers of patients with cancer at the end-of-life. *Oncology Nursing Forum, 31*(6), 1105-1117.
7. ***Sherwood, P.**, Given, C., Given, B., & von Eye, A. (2005). Caregiver burden and depressive symptoms: Analysis of common outcomes in caregivers of elderly patients. *Journal of Aging and Health, 17*(2), 125-147.
8. ***Sherwood, P.**, Given, B., Given, C., Champion, V., Doorenbos, A., Azzouz, F., Kozachik, S., Wagler-Ziner, K., & Monahan, P. (2005). A cognitive behavioral intervention for symptom management in patients with advanced cancer. *Oncology Nursing Forum, 32*(6), 1-9.
9. ***Sherwood, P.**, Given, B., Given, C., Schiffman, R., Murman, D., Lovely, M., von Eye, A., Rogers, L., & Remer, S. (2006). Predictors of distress in caregivers of persons with a primary malignant brain tumor. *Research in Nursing and Health, 29*(2), 105-120.
10. *Given, B., Given, C.W., Sikorskii, A., Jeon, S., **Sherwood, P.**, & Rahbar, M. (2006). The impact of providing symptom management assistance on caregiver reaction: Results of a randomized trial. *Journal of Pain and Symptom Management, 32*(5), 433-443.
11. *Murman, D., Von Eye, A., **Sherwood, P.**, Liang, J., & Colenda, C. (2007). Evaluated need, costs of care and payer perspective in degenerative dementia patients. *Alzheimer's Disease and Related Disorders, 21*(1), 39-48.
12. *Donovan, H., Ward, S., **Sherwood, P.**, & Serlin, R. (2008). Evaluation of the Symptom Representation Questionnaire (SRQ) for assessing cancer-related symptoms. *Journal of Pain and Symptom Management, 35*(3), 242-257. PMID: PMC2408721

13. ***Sherwood, P.**, Given, B., Given, C., Schiffman, R., Murman, D., von Eye, A., Lovely, M., Rogers, L., & Remer, S. (2007). The influence of caregiver mastery on depressive symptoms. *Journal of Nursing Scholarship*, 39(3), 249-255.
14. *[^]Bradley, S., **Sherwood, P.**, Donovan, H., Hamilton, R., Rosenzweig, M., Hricik, A., & Bender, C. (2007). I could lose everything: Understanding the cost of a brain tumor. *Journal of Neuro-Oncology*, 85(3), 329-338.
15. ***Sherwood, P.**, Donovan, H., Given, C.W., Lu, X., Given, B., Hricik, A., & Bradley, S. (2007). Predictors of employment and lost hours from work in cancer caregivers. *Psycho-Oncology*, 17(6), 598-605.
16. Lingler, J., **Sherwood, P.**, Crighton, M., Song, M., & Happ, M. (2008). Conceptual challenges in the study of caregiver-care recipient relationships. *Nursing Research*, 57(5), 367-372. PMID: PMC2875992
17. **Sherwood, P.**, Given, B., Donovan, H., Given, C.W., Baum, A., Bender, C.M., & Schulz, R. (2008). Guiding research in family care: A new approach to oncology caregiving. *Psycho-Oncology*, 17(10), 986-996.
18. ***Sherwood, P.**, Donovan, H., Rosenzweig, M., Hamilton, R., & Bender, C. (2008). A house of cards: The impact of treatment costs on women with breast and ovarian cancer. *Cancer Nursing*, 31(6), 470-477.
19. Honea, N.J., Brintnall, R., Given, B., **Sherwood, P.**, Colao, D.B., Somers, S.C., & Northouse, L.L. (2008). Putting evidence into practice: Nursing assessment and interventions to reduce family caregiver strain and burden. *Clinical Journal of Oncology Nursing*, 12(3), 507-516.
20. *Gallek, M., Conley, Y., **Sherwood, P.**, Horowitz, M., Kassam, A., & Alexander, S. (2009). APOE Genotype and Functional Outcome Following Aneurysmal Subarachnoid Hemorrhage. *Biological Research for Nursing*, 10(3), 205-212. PMC3758781.
21. *[^]Bradley, S., **Sherwood, P.**, Kuo, J., Kammerer, C., Gettig, E., & Ren, D. (2009). Perceptions of economic hardship and the emotional health in a pilot sample of family caregivers. *Journal of Neuro-Oncology*, 93(3), 333.
22. Dumrongpakapakorn, P., Hopkins, K., **Sherwood, P.**, Zorn, K., & Donovan, H. (2009). Computer-mediated patient education: Opportunities and challenges for supporting women with ovarian cancer. *Nursing Clinics of North America*, 44(3), 339-354.
23. *Miller, T.M., Donnelly, M.K., Crago, E.A., Roman, D.M., **Sherwood, P.R.**, Horowitz, M.B., & Poloyac S.M. (2009). Rapid, simultaneous quantitation of mono and dioxygenated metabolites of arachidonic acid in human CSF and rat brain. *J Chromatogr B Analyt Technol Biomed Life Sci*, 877(31), 3991-4000.
24. Saban, K.L., **Sherwood, P.**, DeVon, H., & Hynes, D.M. (2010). Measures of psychological stress and physical health in family caregivers of stroke survivors: A literature review. *Journal of Neuroscience Nursing*, 42(3), 128-138.

25. ***Sherwood, P.R.**, Dahman, B.A , Donovan, H.S. , Mintz, A., Given, C.W., Bradley, C. (2010) Treatment disparities following the diagnosis of an astrocytoma. *Journal of Neuro-Oncology*, 101(1), 67-74. PMID: PMC20495849.
26. *Chuang, P., Conley, Y., Poloyac, S., Okonkwo, D. Ren, D., **Sherwood, P.**, Hravnak, M., & Alexander, S. (2010). Neuroglobin genetic polymorphisms and their relationship to functional outcomes after traumatic brain injury. *Journal of Neurotrauma*, 27(6), 999-1006.
27. *Newberry, A., **Sherwood, P.**, Hricik, A., Bradley, S., Kuo, J., Crago, E., Hoffman, L., & Given, B. (2010). Understanding recruitment and retention in neurological research. *Journal of Neuroscience Nursing*, 42(1), 47-57. PMID3384490.
28. *^Hricik, A., Donovan, H., Bradley, S., Given, B., Bender, C., Newberry, A., Hamilton, R., & **Sherwood, P.** (2011). Changes in caregiver perceptions over time in response to providing care for a loved one with a primary malignant brain tumor. *Oncology Nursing Forum*, 38(2), 149-155. PMID3880557.
29. Starkweather, A., **Sherwood, P.R.**, Lyon, D.E., McCain, N.L., Bovbjerg, D. H., & Broaddus, W.C. (2011). A biobehavioral perspective on depressive symptoms in patients with cerebral astrocytoma. *Journal of Neuroscience Nursing*, 43(1), 1-12.
30. *Thampatty, B.P., **Sherwood, P.R.**, Gallek, M.J., Crago, E.A., Ren, D., Hricik, A.J., Kuo, C.W., Klamerus, M.M., Alexander, S.A., Bender, C.M., Hoffman, L.A., Horowitz, M.B., Kassam, A.B., & Poloyac, S.M. (2011). Role of endothelin-1 in human aneurysmal subarachnoid hemorrhage: Associations with vasospasm and delayed cerebral ischemia. *Neurocritical Care*, 15(1), 19-27. PMID3134137.
31. *Crago, E.A., Thampatty, B.P., **Sherwood, P.R.**, Kuo, C.W., Bender, C., Balzer, J., Horowitz, M., & Poloyac, S.M. (2011). Cerebrospinal fluid 20-HETE is associated with delayed cerebral ischemia and poor outcomes after aneurysmal subarachnoid hemorrhage. *Stroke*, 42(7), 1872-1877. PMID3134869.
32. *^Newberry, A., Kuo, J., Donovan, H., Given, B., Given, C., Schulz, R., & **Sherwood, P.** Identifying family members who are likely to perceive benefits from providing care to a person with a primary malignant brain tumor (2012). *Oncology Nursing Forum*, 39(3), E226-232.
33. Given, B.A., **Sherwood, P.R.**, & Given, C.W. (2011). Support for caregivers of cancer patients: Transition after active treatment. *Cancer Epidemiology, Biomarkers, & Prevention*, 20(10), 2015-2021.
34. ***Sherwood, P.**, Given, B.A., Given, C.W., Sikorskii, A., You, M., & Prince, J. (2012). Focusing solely on symptom management: Intervention effects on caregiver outcomes and levels of patient assistance. *Journal of Supportive Care in Cancer*, 20(9), 1937-1947.
35. *^Adkins, K., Crago, E., Kuo, C.J., Horowitz, M., **Sherwood, P.** (2012) Correlation between emergency department symptoms and clinical outcomes in the patient with aneurysmal subarachnoid hemorrhage. *Journal of Emergency Nursing*, 38(3), 226-233. PMID3391649.
36. *^Choi, J., Choi, C.W., Sikorskii, A., You, M., Ren, D., **Sherwood, P.**, Given, C.W., & Given, B. (2012). Cognitive behavioral symptom management intervention in patients with cancer: Survival analysis. *Support Care Cancer*, 20(6),1243-1250. PMID3880564.

37. Given, B.A., Given, C.W., & **Sherwood, P.R.** (2012). Family and caregiver needs over the course of the cancer. *Journal of Supportive Oncology*, 10(2), 57-64.
38. *^Choi, C.J., Stone, R.A., Kim, K.H., Ren, D., Given, C.W., Given, B., & **Sherwood, P.** (2012). Group-based trajectory modeling of caregiver psychological distress over time. *Annals of Behavioral Medicine*, 44(1), 73-84.
39. *Kim, H., Crago, E., Kim, M., **Sherwood, P.**, Conley, Y., Poloyac, S., & Kerr, M. (2013). Cerebral vasospasm after subarachnoid hemorrhage as a clinical predictor and phenotype for genetic association study. *International Journal of Stroke*, 8(8), 620-625.
40. *^Choi, J.Y., Hoffman, L.A., Schulz, R., Ren, D., Donahoe, M.P., Given, B., & **Sherwood, P.** (2013). Health risk behaviors in family caregivers during ICU hospitalization: A pilot study. *American Journal of Critical Care*, 22(1), 41-45.
41. *^ Pawl, J., Lee, S., Clark, P., & **Sherwood, P.** (2013). Sleep characteristics of family caregivers of those with a primary malignant brain tumor. *Oncology Nursing Forum*, 40(2), 171-179. PMC3880563.
42. *^Newberry, A., Choi, C.J., Donovan, H., Schulz, R., Bender, C. Given, B., & **Sherwood, P.** (2013). Exploring spirituality in family caregivers of patients with primary malignant brain tumors across the disease trajectory. *Oncology Nursing Forum*, 40(3), E199-125. PMC3880559.
43. *^ Pawl, J.D., Lee, S.Y., Clark, P., & **Sherwood, P.** (2013). Sleep loss and its effects on health in family caregivers of individuals with primary malignant brain tumors. *Research in Nursing and Health*, 36(4), 386-399. PMC3880560.
44. *Donovan, H.S., Ward, S.E., Sereika, S., Knapp, J., **Sherwood, P.**, Bender, C.M., Edwards, R.P., Fields, M., & Ingel, R. (2014). Web-based symptom management for women with recurrent ovarian cancer: A pilot randomized controlled trial of the WRITE Symptoms intervention. *Journal of Pain & Symptom Management*, 47(2), 218-230.
45. *Gallek, M., Alexander, S., Crago, E., **Sherwood, P.**, Horowitz, M., Poloyac, S., & Conley, Y. (2013). Endothelin-1 and endothelin receptor gene variants and their association with negative outcomes following aneurysmal subarachnoid hemorrhage. *Biological Research in Nursing*, 15(4), 390-397.
46. *^ Jiang, Y., Terhorst, L., Donovan, H. S., Weimer, J. M., Choi, C-W. J., Schulz, R., Given, B., & **Sherwood, P. R.** (2013). Locke-Wallace Short Marital-Adjustment Test: Psychometric Evaluation in Caregivers for Persons with Primary Malignant Brain Tumor. *Journal of Nursing Measurement*, 21(3), 502-515. PMC572966.
47. * ^Choi, J., Hoffman, L.A., Schulz, R., Tate, J.A., Donahoe, M.P., Ren, D., Given, B., & **Sherwood, P.** (2014). Self-reported physical symptoms in intensive care unit (ICU) survivors: Pilot exploration over four months post-ICU discharge. *Journal of Pain and Symptom Management*, 47(2), 257-270.
48. *Crago, E., Kerris, K., Kuo, C.J., **Sherwood, P.**, Hravnak, M., Crippen, D., & Horowitz, M. (2014). Cardiac abnormalities after aneurysmal subarachnoid hemorrhage: Effects of beta-blockers and angiotensin-converting enzyme inhibitors. *American Journal of Critical Care*, 23(1), 30-39. PMC3932619.
49. *Bender, C., Gentry, A., Brufsky, A., Casillo, F., Cohen, S., Dailey, M., Donovan, H., Dunbar-Jacob, J., Jankowitz, R., Rosenzweig, M., **Sherwood, P.**, & Sereika, S. (2014). Influence of patient and

treatment factors on adherence to adjuvant endocrine therapy in breast cancer. *Oncology Nursing Forum*, 41(3), 274-285.

50. *Sak, N., Kvist, T., Andruszkiewicz, P., & **Sherwood, P.** (2014). Integrative review: Nurses' and physicians' experiences and attitudes towards inpatient-witnessed resuscitation of an adult patient. *Journal of Advanced Nursing*, 70(5), 957-974.
51. *Yousef, K., **Sherwood, P.**, Balzak, J., Crago, E., & Poloyac, S. (2015). Temporal profiles of cerebral perfusion pressure after subarachnoid hemorrhage. *Journal of Neuroscience Nursing*, 47(4), E2-E9.
52. *^Yousef, K., Balzer, J., Crago, E., Poloyac, S., & **Sherwood, P.** (2014). Transcranial regional cerebral oxygen desaturation predicts delayed cerebral ischemia and poor outcomes after subarachnoid hemorrhage: A correlational study. *Intensive and Critical Care Nursing*, 30(6), 346-352.
53. *^Choi, J., Tate, J., Hoffman, L., Schulz, R., Ren, D., Donahoe, M., Given, B., & **Sherwood, P.** (2014). Fatigue in family caregivers of adult intensive care unit survivors. *Journal of Pain and Symptom Management*, 48(3):353-363.
54. *Crago, E., **Sherwood, P.**, Bender, C., Balzer, J., Ren, D., & Poloyac, S. (2015). Plasma estrogen levels are associated with severity of injury and outcomes after aneurysmal subarachnoid hemorrhage. *Biological Research in Nursing*, 17(5): 558-66.
55. *^Nugent, B., Weimer, J., Choi, C., Bender, C., Ryan, C., Gardner, P., & **Sherwood, P.** (2014). Work productivity and neuropsychological dysfunction in persons with skull base tumors. *Neuro-oncology Practice* 1(3): 106-113.
56. *Starkweather, A., **Sherwood, P.**, Lyon, D., Bovbjerg, D., Broaddus, W., Elswick, R., & McCain, N. (2014). Depressive symptoms and cytokine levels in serum and brain tissue in patients with an astrocytoma: A pilot study. *BMC Research Notes*, 7, 423-430.
57. *^Yousef, K., Balzer, J., Crago, E., Poloyac, S., & **Sherwood, P.** (2015). Association of cerebral perfusion pressure with delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage. *American Journal of Critical Care*, 24(24), E65-E71.
58. *Voutilainen, A., Kvist, T., ^**Sherwood, P.**, & Vehvilainen-Julkunen, K. (2014). A new look at patient satisfaction: Learning from self-organizing maps. *Nursing Research*, 63(5), 333-345.
59. *^Zelenikova, R., Beach, M., Ren, D., Wolff, E., & **Sherwood, P.** (2015). Graduate nursing students' evaluation of EBP courses: A cross sectional study. *Nursing Education Today*, 35(1): 265-70.
60. *^Voutilainen, A., Hartikainen, S., Taipale, H., Tolppanen, A., Vehvilainen-Julkunen, K., & **Sherwood, P.** (2015). Associations across spatial patterns of disease incidences, socio-demographics, and land use in Finland 1991-2010. *Scandinavian Journal of Public Health*, 43, 356-363.
61. *Donnelly, M., Conley, Y., Crago, E., Ren, D., **Sherwood, P.**, Balzer, J., & Poloyac, S. (2015). Genetic markers in EET metabolic pathway are associated with outcomes in patients with aneurysmal subarachnoid hemorrhage. *J Cereb Blood Flow and Metabolism*, 35(2), 267-276.

62. *^Crago, E., Price, T.J., Bender, C., Ren, D., Poloyac, S., & **Sherwood, P.** (2016). Impaired work productivity following aneurysmal subarachnoid hemorrhage. *Journal of Neuroscience Nursing*, 48(5), 260-268.
63. *Donnelly, M.K., Crago, E.A., Conley, Y.P., Balzer, J.R., Ren, D., Ducruet, A.F., Kochanek, P.M., **Sherwood, P.R.**, & Poloyac, S.M. (2015). 20-HETE is associated with unfavorable outcomes in subarachnoid hemorrhage patients. *Journal of Cerebral Blood Flow and Metabolism*, 35(9): 1515-22.
64. *^Zelenikova, R., Beach, M., Ren, D., Wolff, E., & **Sherwood, P.** (2014). Faculty perception of the effectiveness of EBP courses for graduate nursing students. *Worldviews on Evidence-Based Nursing*, 11(6), 401-413.
65. *^Zelenikova, R., Ren, D., Schulz, R., Given, B., & **Sherwood, P.** (2016). Symptoms as the main predictors of caregivers' perception of the suffering of patients with primary malignant brain tumors. *Cancer Nursing*, 39(2): 97-105.
66. *^Voutilainen, A., Tolppanen, A., Vehvilainen-Julkunen, K., & **Sherwood, P.** (2014). From spatial ecology to spatial epidemiology: Modeling spatial distributions of eight cancer types in Finland with principal coordinates of neighbor matrices. *Emerging Themes in Epidemiology*, 11(11), 11.
67. *Voutilainen, A., Hartikainen, S., **Sherwood, P.**, Taipale, H., Tolppanen, A., Vehvilainen-Julkunen, K. (2015). Associations across spatial patterns of disease incidences, socio-demographics, and land use: Combining inferences from five registers and two statistical methods. *Scandinavian Journal of Public Health*, 43(4), 356-363.
68. *^Sak, N., Kvist, T., & **Sherwood, P.** (2015). Factors associated with experiences and attitudes of health-care professionals towards family-witnessed resuscitation: A cross-sectional study. *Journal of Advanced Nursing*, 71(11): 2595-2608.
69. *^Voutilainen A & **Sherwood PR.** (2015). Explaining state-level differences in brain cancer mortality in the United States by population ancestries: A spatial approach. *Journal of Epidemiological Research*, 1(1), 12-19.
70. *^Voutilainen, A., Pitkaaho, T., Vehvilainen-Julkunen, K., & **Sherwood, P.** (In press). Meta-analysis: Methodological confounders in measuring patient satisfaction. *Journal of Research in Nursing*.
71. *Gilbertson-White, S., Campbell, G., Ward, S., **Sherwood, P.**, Donovan, H. (2017). Coping with pain severity, distress, and consequences in women with ovarian cancer. *Cancer Nursing*, 40(2), 117-123.
72. ***Sherwood, P.**, Price, T., Weimer, J., Ren, D., Donovan, H., Given, C.W., Given, B., Schulz, R., Prince, J., Bender, C., Boele, F., & Marsland, A. (2016). Oncology family caregivers are at risk for systemic inflammation. *Journal of Neuro-Oncology*, 128(1), 109-118.
73. Adams, L., Miller, J., & Grady, P. (**Sherwood acknowledged as contributor**). (2016). The spectrum of caregiving in palliative care for serious, advanced, rare diseases: Key issues and research directions. *Journal of Palliative Care*, 19(7), 1-8.
74. *^ Boele, F., Given, C., Given, B., Donovan, H., Schulz, R., Weimer, J., Drappatz, J., Lieberman, F., & **Sherwood, P.** (2016). Family caregivers' level of mastery predicts survival of glioblastoma patients. *Cancer*, 123(5), 832-840.

75. *Gilbertson-White, S., & **Sherwood, P.**, Donovan, H., & King. (Epub 2016). Use of distress screening to identify shorter life expectancy in patients with advanced cancer newly referred to palliative care. *Journal of Palliative Medicine*, 19(8):800-1.
76. ^Boele, F., Grant, R., & **Sherwood, P.** (In press). Challenges and support for family caregivers of glioma patients. *British Journal of Neuroscience Nursing*.
77. *Sak-Dankosky, N., Andruszkiewicz P., **Sherwood, P.** & Kvist, T. (2017). Health care professionals' concerns regarding in-hospital family-witnessed CPR implementation into clinical practice. *Nursing in Critical Care*, Epub ahead of print.
78. *Stanfill, A., Simpson, C., **Sherwood, P.**, Poloyac, S., Crago, E., Kim, H., & Conley, Y. (2017). The impact of dopamine, serotonin, and BDNF genotype on long term functional outcomes after subarachnoid hemorrhage. *SAGE Open Medicine*, August 31;5.
79. *Dee, V., Toro, J., Lee, S., **Sherwood, P.**, & Haile, D. (2017). Autologous stem cell transplantation: The predictive value of the Morse Fall Scale in hospitalized patients. *Clinical Journal of Oncology Nursing* 21(5), 5999-603.
80. *^Reblin, M., Small, B., Jim, H., Weimer, J., & **Sherwood, P.** (2018). Mediating burden and stress over time: Caregivers of patients with primary brain tumors. *Psycho-Oncology*, 27(2), 607-612.
81. *^Boele, F., Verdonck, I., Donovan, H., van Uden-Kraan, C., Hilverda, K., Weimer, J., Lieberman, F., Drappatz, J., & **Sherwood, P.** (In press). Neuro-oncology family caregivers' view on keeping track of care issues using eHealth systems: it's a question of time. *Journal of Neuro-Oncology*, 134(1), 157-167.
82. *^Boele, F., Rooney, A., Bulbeck, H., & **Sherwood, P.R.** (In revision). *Interventions to help support caregivers of people with a brain or spinal cord tumour*. Cochrane Reviews.
83. *^Sak-Dankosky, N., Andruszkiewica, P., **Sherwood, P.**, & Kvist, T. (In press.) Preferences of patients' family regarding family-witnessed cardiopulmonary resuscitation: A qualitative perspective of intensive care patients' family members. *Intensive and Critical Care Nursing*.
84. *Turi, E., Conley, Y., Crago, E., **Sherwood, P.**, Poloyac, S., Ren, D., Stanfill, A. (In press). Psychosocial comorbidities related to return to work rates following aneurysmal subarachnoid hemorrhage. *Journal of Occupational Rehabilitation*.
85. *^Boele, F., Terhorst, L., Prince, J., Donovan, H., Weimer, J., Lieberman, F., Drappatz, J., **Sherwood, P.** (Accepted with minor revisions). Psychometric evaluation of the Caregiver Needs Screen in neuro-oncology family caregivers. *Journal of Nursing Measurement*.

Published Abstracts

1. *Rogers, L., Given, B., Given, C., Remer, S., & **Sherwood, P.** (2004). Perceptions of brain tumor treatments by the caregivers for brain tumor patients who are now deceased. [Abstract]. *Neuro-Oncology*, 6, 357-358.
2. ***Sherwood, P.**, Kong, Y., Kerr, M., & Yonas, H. (2004). Predictors of disability following aneurysmal subarachnoid hemorrhage. [Abstract]. *Critical Care Medicine*, 32(12), A104-105.

3. ***Sherwood, P.**, Given, C., Given, B., & Lu, X. (2006). Predictors of service utilization during chemotherapy. [Abstract]. *Cancer Survivorship: Embracing the Future. Sponsored by the National Cancer Institute, the American Cancer Society, and the Lance Armstrong Foundation.* October, 2006. Bethesda, MD.
4. *Gallek, M., **Sherwood, P.**, Crago, E., Alexander, S., Hoffman, L., Horowitz, M., Poloyac, S. (2006). Endothelin-1 cerebrospinal fluid levels are associated with the development of cerebral vasospasm in aneurysmal subarachnoid hemorrhage patients. [Abstract]. *Critical Care Medicine*, 32[12 Suppl], A80.
5. ***Sherwood, P.**, Donovan, H., Rosenzweig, M., Hamilton, R., & Bender, C. (2007). House of cards: The impact of treatment costs for women with cancer. [Abstract]. *Psycho-Oncology*, 31(6).470-477.
6. Gallek, M., Song, M., **Sherwood, P.**, Hricik, A., & Bender, C. (2008). The use of a cognitive function index following aneurysmal subarachnoid hemorrhage. [Abstract]. *Critical Care Medicine*, 32(Suppl 12), A80.
7. Crago, E., Hravnak, M., Kong, Y., **Sherwood, P.**, & Horowitz, M. (2005). Relationship of catecholamines on markers of myocardial ischemia in patients with subarachnoid hemorrhage. [Abstract]. *Critical Care Medicine*, 33(Suppl. 12), A102.
8. **Sherwood, P.**, Crago, E., Gallek, M., Hricik, A., Ren, D., Hoffman, L., & Poloyac, S. (2007). Endothelin and neuropsychological outcomes in aneurysmal subarachnoid hemorrhage. [Abstract]. *Critical Care Medicine*, 35 (Suppl. 12), A202.
9. Crago, E., **Sherwood, P.**, Tanabe, M., Hricik, A., Chang, Y., Hravnak, M., Horowitz, M., Kassam, A., Gorcsan, J., & Bender, C. (2007). The relationship between myocardial dysfunction and 12 month neuropsychological outcomes in patients following aneurysmal subarachnoid hemorrhage. [Abstract]. *Critical Care Medicine*, 35 (Suppl. 12).
10. Crago, E., **Sherwood, P.**, Kuo, J., Hricik, A., Horowitz, M., Kassam, A., & Poloyac, S. (2008). Cerebrospinal fluid 20-HETE is associated with poor neuropsychological outcomes after aneurysmal subarachnoid hemorrhage. [Abstract]. *Critical Care Medicine*, 36 (Suppl. 12), A10. (Winner of Society of Critical Care Research Award 2009).
11. Yousef, K., Kuo, C., Crago, E., Balzer, J., Poloyac, S., & **Sherwood, P.** (2011). The impact of sodium level on neurologic deterioration after subarachnoid hemorrhage. *Intensive Care Medicine*, 39(12) Supplement: A 314.
12. Yousef, K., Choi, C.W., Crago, E., Poloyac, S., Balzer, J., & **Sherwood, P.** (2012). Aneurysmal subarachnoid hemorrhage: Comparing the performance of grading scales in predicting complications and outcomes. *Neurocritical Care*; 17: S1-S331.
13. Yousef K, Balzer J, Crago E, Poloyac, S, & **Sherwood P.** (2012). Transcranial regional cerebral oxygen desaturation predicts delayed cerebral ischemia and poor outcomes after subarachnoid hemorrhage. *Critical Care Medicine*, 40(12) Supplement: 380.

Invited Articles and Position Papers

1. **Riess (Sherwood), P.**, Given, C.W., & Given, B. (2001). A comparison of changes in physical functioning of elderly patients with new diagnoses of cancer, 11(1) [On-line]. Available: www.ht.msu.edu/fcrp.
2. ***Sherwood, P.** (2002). The consequences of having pain and fatigue in elderly patients with cancer, 12(2) [On-line]. Available: www.ht.msu.edu/fcrp.
3. **Sherwood, P.**, Given, B., & Given, C.W. (2003). Affecting policy to assist informal caregivers in a changing health system, 13(1) [On-line]. Available: www.ht.msu.edu/fcrp.
4. Given, B., **Sherwood, P.**, & Doorenbos, A. (2003). Caregiver scenarios: Caregiver role strain, caregiver health, caregiver skill, respite for the enmeshed caregiver, competing role demands-occupational, competing role demands-personal and social. Commissioned work by the National Cancer Institute, Office of Education and Special Initiatives, for the consumer education series "Facing Forward".
5. Given, B., **Sherwood, P.**, & Given, C. (2003). White paper: Family care during active cancer care. Commissioned paper by the National Cancer Institute, Office of Education and Special Initiatives.
6. Given, B., & **Sherwood, P.** (2005). Commentary on: A randomized controlled trial of a nurse-administered educational intervention for improving cancer pain management in ambulatory settings. *Evidence-Based Nursing*, 8(1), 17.
7. Given, B., & **Sherwood, P.** (2005). White paper: Nurse sensitive patient outcomes. Commissioned paper by the *Oncology Nursing Society*.
8. Given, B., & **Sherwood, P.** (2005). White paper: Nurse sensitive patient outcomes. Commissioned paper by the Oncology Nursing Society. *Oncology Nursing Forum*, 32(4), 773-784.
9. Given, B., & **Sherwood, P.** (2006). Family care for the older person during cancer care. *Seminars in Oncology*, 22(1), 43-50.
10. Donovan, H., **Sherwood, P.**, & Given, B. (2006). When a loved one has ovarian cancer. *National Ovarian Cancer Coalition*. NOCC: Boca Raton, Florida.
11. **Sherwood, P.** (2006). CNRNs are leaders in neuroscience nursing research. *Synapse*, 33(3), 4.
12. **Sherwood, P.** (2007). Commentary on: Interventions for preventing oral mucositis for patients with cancer receiving treatment. *Evidence-Based Nursing*, 10(1), 13.
13. *Given, B., & **Sherwood, P.** (2007). Evidence based summary in caregiver burden. Commissioned by the Oncology Nursing Society.
14. **Sherwood, P.**, Crago, E., Spiro, R., & Okonkwo, D. (2008). Cervical spine injury. *American Nurse Today*,
15. Honea, N., Brintnall, R., Given, B., **Sherwood, P.**, Colao, D., Somers, S. (2008). Putting evidence into practice: Nursing assessment and interventions to reduce family caregiver strain and burden. *Oncology Nursing Forum*, 12(3), 507-516.

16. Given, B., **Sherwood, P.**, & Given, C. W. (2008). What knowledge and skills do caregivers need? *American Journal of Nursing*, 108(9 Suppl), 28-34.
17. Schulz, R., & **Sherwood, P.** (2008). The health effects of caregiving. *American Journal of Nursing*, 108(9 Suppl), 1-8.
18. **Sherwood, P.**, Cwiklik, M., & Donovan H. (2016). Neuro-oncology family caregiving: Review and directions for future research. *CNS Oncology*, 5(1): 41-48.
19. Arida, J., **Sherwood, P.**, & Donovan, H. (2016). Representational Approach: A Conceptual Framework to Guide Patient Education Research and Practice.. *Oncology Nursing Forum*, 43(6), 781-783.

Book Chapters

1. **Sherwood, P.**, Given, B., & Given, C. (2004). Symptom clusters. In A. Schwartz (Ed.), *Pocket guide to managing fatigue in cancer* (pp. 143-162). NY: Jones and Bartlett.
2. Given, B., & **Sherwood, P.** (2006). Fatigue. In B. Ackley & G. Ladwig (Eds), *Nursing diagnosis handbook: A guide to planning care*, (7th ed., pp. 515-523). Philadelphia, PA: Mosby.
3. Given, B., & **Sherwood, P.** (2006). Caregiver role strain. In B. Ackley and G. Ladwig (Ed) *Nursing diagnosis handbook: A guide to planning care*, (7th ed., pp. 279-293). Philadelphia, PA: Mosby.
4. Given, B., **Sherwood, P.**, & Given, C. (2006). Family support for the older cancer patient. In H. Muss, Hunter, C., & Johnson, K. (Eds.) *Multidisciplinary treatment and management of cancer in the elderly*, (1st ed., pp. 587-610). New York, NY: Taylor & Francis Group, LLC.
5. Given, B., & **Sherwood, P.** (2007). Caregiver role strain. In B. Ackley, G. Ladwig, B. Swan, & S. Tucker (Ed.) *An evidence-based guide to planning care*, (8th ed., pp. 200-209). Philadelphia, PA: Mosby.
6. Given, B., & **Sherwood, P.** (2007). Fatigue. In B. Ackley, G. Ladwig, B. Swan, & S. Tucker (Ed.) *An evidence-based guide to planning care*, (8th ed., pp. 358-363). Philadelphia, PA: Mosby.
7. **Sherwood, P.**, & Crago, E. (2007). Autonomic dysreflexia. In B. Ackley, G. Ladwig, B. Swan, & S. Tucker (Ed.) *An evidence-based guide to planning care*, (p8th ed., p. 157-160). Philadelphia, PA: Mosby.
8. Given, B., & **Sherwood, P.** (2007). Caregiver role strain. In B. Ackley & G. Ladwig (Ed.) *Nursing Diagnosis Handbook*. (2nd ed., pp.229-237). Philadelphia, PA: Mosby.
9. **Sherwood, P.**, & Crago, E. (2007). Autonomic dysreflexia. In B. Ackley & G. Ladwig (Ed.) *Nursing Diagnosis Handbook*. (2nd ed., pp. 196-199). Philadelphia, PA: Mosby.
10. Given, B.A., Given, C.W., **Sherwood, P.**, & Baer, M.B. (In press). Caregiver role strain. In M. Maas, J. Specht, D. Schoenfelder, & P. Mobily (Eds) *Nursing Care of Older Adults: Diagnoses, Interventions, and Outcomes*. Florence, KY: Delmar Publication.
11. Honea, N.J., **Sherwood, P.R.**, & Belansky, H. (2009) Caregiver strain and burden. In Eaton, L.H., & J.M. Tipton (Eds) *Putting Evidence Into Practice* (pp. 57-62). Pittsburgh, PA: Oncology Nursing Society.

12. **Sherwood, P.,** & Baer, M.B. (2010). Symptom management. In L. Rice & D. Allen, (Ed.) *Cancers of the Central Nervous System*. Pittsburgh, PA: Oncology Nursing Society.
13. **Sherwood, P.,** & Prince, J. (2010). Patient and caregiver resources. In R. Govindan (Ed.) *CCO in Practice*. Aliso Viejo, CA: Clinical Care Options ®.
14. Given, B.A., Given, C.W., **Sherwood, P.** (2012). Caregiver Burden. In A. Naeim, D. Reuben, and P. Ganz (Eds.). *Management of Cancer in the Older Patient*. Philadelphia PA: Elsevier, Inc
15. **Sherwood, P.R.,** Given, B.A., & Given, C.W. (2012). Caregiver knowledge and skills. In K. Belizzi and M. Gosney (Eds.) *Cancer and Aging Handbook: Research and Practice*. Chapter 28, 445-458. Hoboken, NJ: Wiley-Blackwell.
16. Given, C.W., Given, B.A., **Sherwood, P.,** & DeVoss, D. (2013). Early adult caregivers: Characteristics, challenges and intervention approaches. In R. Talley (Ed.) *Caregiving across the lifespan*. (pp. 81-103). New York: Springer.
17. **Sherwood, P.,** Fisher, A., & Given, B.A. (2013). Caregiver burden. In A. Michalos (Ed.) *Encyclopedia of Quality of Life Research*. Heidelberg, Germany: Springer.
18. Given, B., & **Sherwood, P.** (In press). Fatigue. In B. Ackley, G. Ladwig, B. Swan, & S. Tucker (Ed.) *An evidence-based guide to planning care*, (9th ed.). Philadelphia, PA: Mosby.
19. **Sherwood, P.,** & Given, B. (In press). Caregiver role strain. In B. Ackley & G. Ladwig (Ed.) *Nursing Diagnosis Handbook*. (9nd ed.). Philadelphia, PA: Mosby.
20. **Sherwood, P.R.,** Given, B.A, Baer, M. B, & Given, C.W. (2017). Caregiver Role Strain. In Maas, M., Specht, J., Mobily, P., Schoenfelder, D., & Stineman, A. (Eds.). *Care of older persons for optimum quality of life: Nursing diagnoses, outcomes, and interventions* (Vol. 3) Iowa City, Iowa: University of Iowa College of Nursing Barbara and Richard Csomay Center for Gerontological Excellence.

Other Publications

1. Interviewed for: Low income linked with brain tumors. Distributed by *Reuters Health*, May, 2004.
2. Interviewed for: Book word gets out on ovarian cancer. *Pittsburgh Post Gazette*, Wednesday, August 16, 2006.
3. Interviewed for: The unique and unmet needs of non-malignant brain tumor patients. *American Brain Tumor Association Publication*, 38(1), 1-4, 2011.
4. Interviewed for: Dedicating her career to caregivers of patients with a brain tumor. *Brain Tumour, World Edition*, International Brain Tumour Alliance Publication, 2011.

Research

Current Research

Participating Partner: United States PI

European Union – Horizon Programme

RISE Proposal: Excellent research and expertise of quality
of cancer care by internationally trained staff (INEXCA)

Years Inclusive: 2015-2017

Total Direct Costs: \$1,955,294 converted from 1,435,500
euros

Grant Number: European Union

% Effort: 5% Contributed

Co-Investigator

PI: Marilyn Hravnak, PhD, Institution: University of Pittsburgh School of Nursing

NIH/NINR

Grant Number: R01NR014221

Developing Goal directed perfusion therapy in SAH neurocardiac injury

Years Inclusive: 2014-2018

% Effort: 3.75%

Total Direct Costs: \$2,219,027

Consultant

PI: Elizabeth Crago, RN, PhD

Institution: University of Pittsburgh School of Nursing

NIH/NINR

Grant: R01NR0062054

Sex steroids and IGF1 in the CNS following aSAH and their relationship to outcomes

Years Inclusive: 2018-2021

Total Direct Costs: \$1,592,546

Completed Research**Principal Investigator**

University of Iowa

The reliability and validity of the Riess Intracranial Aneurysm Assessment Tool and the Glasgow
Coma Scale in the aneurysm population

Years Inclusive: 1995, December

% Effort: Contributed

Award: Master's Thesis

Principal Investigator

Oncology Nursing Foundation/American Brain Tumor

Grant Number: N/A

Association Neuro-Oncology Research Grant

Family care of persons with a brain tumor

Years Inclusive: 2002- 2004

% Effort: Contributed

Total Direct Costs: \$7,188

Principal Investigator

Sigma Theta Tau International – Alpha Psi Chapter

Grant Number: N/A

Research Award

Family care of persons with a brain tumor

Years Inclusive: 2003-2004

% Effort: Contributed

Total Direct Costs: \$1,000

Principal Investigator

Center for Research and Evaluation, School of Nursing,

Grant Number: N/A

University of Pittsburgh

The costs of cancer care

Years Inclusive: 2005-2006
Total Direct Costs: \$15,000

% Effort: Contributed

Principal Investigator

NIH Parent Grant “Integrating Cancer and Aging”
Stress and aging: Caregiver outcomes in neuro-oncology
Years Inclusive: 2005-2007
Total Direct Costs: \$35,000

Grant Number: P20 CA103730

% Effort: 30%

Principal Investigator

Oncology Nursing Society/American Brain Tumor
Association
Biobehavioral interactions in neuro-oncology caregivers
Years Inclusive: 2006-2008
Total Direct Costs: \$10,000

Grant Number: N/A

% Effort: Contributed

Principal Investigator

Bridge funding through the Office of the Senior Vice-
Chancellor, University of Pittsburgh
Mindy body interactions in neuro-oncology family caregivers
Years Inclusive: 2007-2008
Total Direct Costs: \$84,785

Grant Number: N/A

% Effort: 40%

Principal Investigator

NIH/NCI
Mindy body interactions in neuro-oncology family caregivers
Years Inclusive: 2007-2012
Total Direct Costs: \$1,339,518

Grant Number: RO1 CA118711

% Effort: 31%

Principal Investigator (MPI: Sherwood, corresponding; Kassam)

NIH/NINR
Patient and health care system outcomes following EEA
Years Inclusive: 2008-2013
Total Direct Costs: \$1,817,868

Grant Number: RO1 NR011044

% Effort: 35%

Principal Investigator (MPI: Sherwood, corresponding; Poloyac)

NIH/NINR-NINDS
Determining genetic and biomarker predictors of DCI and long term outcomes after SAH
Years Inclusive: 2009-2014
Total Direct Costs: \$2,317,267

Grant Number: 2RO1 NR001339-10

% Effort: 16.5%

**Principal Investigator (MPI: Sherwood, corresponding
Donovan)**

NIH/NINR-NCI
SmartCare: Innovations in caregiving interventions
Years Inclusive: 2012-2017
Total Direct Costs: \$2,343,792

Grant Number: R01 NR013170

% Effort: 17%

Co-Investigator

PI: Heidi Donovan, RN, PhD, Institution: University of Pittsburgh School of Nursing

NIH/NINR

Web-based ovarian cancer symptom control: Nursing-guided vs. self-directed

Years Inclusive: 2009-2013

Grant Number: R01NR010735

% Effort: 2.5% for 2 years, then contributed

Total Direct Costs: \$1,817,745

Co-InvestigatorPI: Margaret Rosenzweig, PhD, CRNP-C, AOCN, University of Pittsburgh School of Nursing
American Cancer Society RSGT-09-150-01-CPHPS

The ACTS intervention to reduce breast cancer treatment disparity

Years Inclusive: 2009-2014

% Effort: 2.5%

Total Direct Costs: \$1,241,000

Co-Investigator

PI: Melanie Flint, PhD, Institution: University of Pittsburgh School of Medicine

NIH/NCI

Grant Number: R03CA168400

The impact of caregivers' psychological and psycho-behavioral responses on the adaptive immune system and overall health

Years Inclusive: 2012-2014

% Effort: 5%

Total Direct Costs: \$100,000

Co-Investigator

PI: Leslie Hoffman, RN, PhD, FAAN, University of Pittsburgh School of Nursing

NIH/NINR

Grant Number: 1 RO1 NR004339

Role of 20-HETE on vasospasm-induced ischemia after subarachnoid hemorrhage

Years Inclusive: 2005-2009

% Effort: 5%

Total Direct Costs: \$1,913,826

Co-Investigator

PI: Heidi Donovan, PhD, RN, University of Pittsburgh School of Nursing

Oncology Nursing Society/Pennsylvania Settlement

Grant Number: N/A

Symptom clusters experienced by women across the ovarian cancer disease trajectory

Years Inclusive: 2006-2007

% Effort: 2.5%

Total Direct Costs: \$25,432

Co-Investigator

PI: Heidi Donovan, PhD, RN,

Univ of Pittsburgh Central Research Development Fund

University of Pittsburgh School of Nursing

Grant Number: N/A

Development and testing of the self-directed WRITE symptoms cancer symptom management module

Years Inclusive: 2007-2009

% Effort: 2.5%

Total Direct Costs: \$14,672

Co-Investigator

PI: Catherine Bender, PhD, RN,

Oncology Nursing Society Foundation

University of Pittsburgh School of Nursing

Grant Number: N/A

Predictors of adherence to hormonal therapy in breast cancer.

Years Inclusive: 2007-2009

% Effort: 2.5%

Total Direct Costs: \$199,938

Co-Investigator

PI: Stephanie Gilbertson-White

Oncology Nursing Foundation-Hospice and Palliative Care

Grant Number: N/A

A biobehavioral approach to studying meaning in patients with advanced cancer

Years Inclusive: 2012-2013

% Effort: 10% contributed

Total Direct Costs: \$10,000

Co-Investigator

Health Policy Institute, University of Pittsburgh

Grant Number: N/A

Stern Family Caregiver Project

Years Inclusive: 2015 - 2017

Total Direct Costs: \$1,000,000/year

% Effort: 20%

Co-Investigator

PI: Yvette Conley, PhD, Institution: University of Pittsburgh School of Nursing

NIH/NINR

Grant Number: R01NR013610

Epigenomics of patient outcomes after aneurysmal SAH

Years Inclusive: 2012-2017

% Effort: 7.0%

Total Direct Costs: \$2,749,754

Advisory Board Member

PI: Gail Mallory, RN, PhD, Oncology Nursing Foundation

Agency for Health Care Research and Quality

Grant Number: R18 HS021957

Dissemination of patient-centered outcomes research by health professional associations

Years Inclusive: 2013-2016

Total Direct Costs: \$271,552

Consultant

PI: Ari Vuolteenainen, RN, EMT, PhD, University of Eastern Finland Department of Nursing

Finnish Cultural Foundation

Grant Number: N/A

Predicting disease incidences on the basis of spatial patterns

Years Inclusive: 2013-2015

Total Direct Costs: 78,000 Euros

Consultant

PI: Polly Mazanec, PhD, ACNP, AOCN, FPCN, Case Western Reserve University School of Nursing

American Cancer Society Individual allocation from

91-022-15

Institutional Grant

CLOSER: An intervention for distance caregivers of a parent with a malignant brain tumor

Years Inclusive: 2011-2013

Total Direct Costs: \$30,000

Consultant

PI: Heather Blair, MSN, RN; Oncology Nursing Society

State of Pennsylvania

Ambulatory oncology nurses' perception of evidence-based practice resources

Years Inclusive: 2008-2010

Total Direct Costs: \$23,037

Consultant

PI: Mary Lovely, PhD, RN, University of California at San Francisco
 National Brain Tumor Foundation and the American Brain Tumor Association
 The lived experience of survivors of highly malignant gliomas
 Years Inclusive: 2008-2009
 Total Direct Costs: \$50,000

Consultant

PI: Karen Saban, PhD, RN, APRN, CNRN, Loyola University School of Nursing
 Veteran's Administration NRI 10-123-11
 Stress and inflammation in family caregivers of TBI veterans
 Years Inclusive: 2010-2011
 Total Direct Costs: \$99,994

Consultant

PI: Robert Noll, PhD, University of Pittsburgh, Department of Psychiatry
 Pilot Project
 Adjustment in children of persons with a primary malignant brain tumor
 Years Inclusive: 2009-2010
 Total Direct Costs: Pilot project

Consultant

PI: Peiyang Chuang, PhD, National Institutes of Health, National Institute of Nursing Research
 Oncology Nursing Foundation
 Genetics, Psychological stress and cytokines in oncology caregivers
 Years Inclusive: 2009-2011
 Total Direct Costs: \$9,804

Other Scholarly Activities**Educational/Training Grants:****Principal Investigator**

| | |
|---|---------------------------------|
| National Research Service Award | Grant Number: NIH (F31 NR08069) |
| Family care of persons with a brain tumor | |
| Years Inclusive: 2002-2004 | % Effort: Contributed |
| Total Direct Costs: \$62,590 | |

Mentor

| | |
|---|---------------------|
| PI: Allison Walker, BS, University of Pittsburgh Graduate School of Public Health Center for Global Health | Grant Number: N/A |
| Cancer caregivers in developing countries | |
| Years Inclusive: 2010 | % Effort: Dedicated |
| Total Direct Costs: \$3,000 | |

Mentor

| | |
|--|---------------------------|
| PI: Jiyeon Choi, RN, PhD, University of Pittsburgh School of Nursing NIH/NINR | Grant Number: F32NR011271 |
|--|---------------------------|

Family caregivers of persons on prolonged mechanical ventilation
Years Inclusive: 2009-2011
Total Direct Costs: \$96,472

Mentor

PI: Jennifer Prince, RN, PhD, University of Pittsburgh School of Nursing
Mental Illness Research Education and Clinical Center, Grant Number: N/A
Veterans Administration
Cervical cancer screening and outcomes in veterans with serious mental illness
Years Inclusive: 2012-2013
Total Direct Costs: \$4,500

Grant Reviewer

| | |
|----------------|--|
| 2005 - 2007 | Fox Chase Community Clinical Oncology Program |
| 2005 - present | Neuroscience Nurse Foundation Research Grants Program |
| 2008 | NIH/NIDDK Special Emphasis Panel Reviewer |
| 2008 | University of Pittsburgh, Clinical and Translational Science Institute Grants Program |
| 2009 | NIH/NINR Challenge Grant Reviewer |
| 2009 | Samantha Dickson Brain Tumor Trust |
| 2009 – present | Neuroscience Nursing Foundation Travel Grants Program |
| 2010 – 2017 | Italian Ministry of Health General Directorate for Health and Technologies Research |
| 2011 | Dimbleby Cancer Care and Marie Curie Cancer Care Center, London, England |
| 2012 | Ministry of Health, Singapore |
| 2012 – 2017 | NIH/NINR NRCS Review Group, Standing member |
| 2014 | Chair, Health Sciences Subcommittee, Central Research Development Fund, U Pgh |
| 2016 | NIH/NIA Special Emphasis Panel Reviewer, U Mechanism |
| 2018 | NIH/DABP Special Emphasis Panel Reviewer, Risk, Prevention and Health Behavior (RPHB) Integrated Review Group, ZRG1 RPHB-R |
| 2018 | NIH Special Emphasis Panel Reviewer, ZRG1 RPHB-R 56 R |

Manuscript Reviewer

| | |
|----------------|---|
| 2003 - present | Journal of Advanced Nursing |
| 2004 - present | Clinical Journal of Oncology Nursing |
| 2005 - present | Journal of Aging and Health |
| 2005 - present | Journal of Psychology, Health, and Medicine |
| 2006 - present | Journal of Neuro-Oncology |
| 2006 - present | Cancer Nursing |
| 2007 - present | Journal of Psycho-Oncology |
| 2009 – present | Cancer |
| 2012 – present | International Journal of Geriatric Psychiatry |
| 2015 – present | Neuro-Oncology |

Editorial Boards

| | |
|--------------|--|
| 2011-present | Member, Editorial Board of World Journal of Neuroscience |
| 2013-present | Member, International Editorial Board of Nursing and Midwifery, Eastern Europe |
| 2013-present | Member, Editorial Board of Neuro-Oncology Practice |

Consultation

See Research Project description

Scholarships and Traineeships

2000 - 2002 Helen Calder Scholarship, Michigan State University (MSU), College of Nursing
 2001 - 2004 Predoctoral Nursing Scholarship, Behavioral Cooperative Oncology Group program of the Mary Margaret Walther Program for Cancer Care Research, supported by the Walther Cancer Institute
 2002 - 2004 Doctoral Degree Scholarship in Cancer Nursing, American Cancer Society

Selected Presentations; ^Senior author**International (see published abstracts for other international presentations)**

1. ^**Sherwood, P.**, & Given, B. (2005, October). *The development of guidelines: Nurse sensitive patient outcomes*. Oral presentation at the 13th Annual Meeting of the European Cancer Conference, Paris, France.
2. Poloyac, S., Crago, E., **Sherwood, P.**, Biesl, R., Hoffman, L., & Kerr, M. (2005, October). *Temporal profile of 20-HETE, a CYP metabolite of arachidonic acid, in the CSF of subarachnoid hemorrhage patients*. Poster presentation at 13th Annual Meeting of the International Society for the Study of Xenobiotics, Maui, HI.
3. Hricik, A., Bender, C., **Sherwood, P.**, Kong, Y., & Kerr, M.E. (2006, February). *Trajectories of cognitive function over the first year following subarachnoid hemorrhage*. Poster presentation at the International Neuropsychological Society Conference, Boston, MA.
4. ^Hricik, A., Schulz, R., Given, B., Newberry, A., Bradley, S., Donovan, H., & **Sherwood, P.** (2007, August). *The role of personality in caregivers of primary malignant brain tumor patients*. Oral presentation at the 65th Annual Convention, International Council of Psychologists, San Diego, CA.
5. **Sherwood, P.**, Bender, C., Cohen, S., Donovan, H., & Rosenzweig, M. (2007, September). *Barriers to Optimal Well-being for Women with Cancer*. Oral symposium at the International Psycho-Oncology Society, 9th World Congress, London, England.
6. **Sherwood, P.**, Donovan, H., Given, B., Hricik, A., Bender, C., Newberry, A., Bradley, S., & Lieberman, F. (2007, November). *Biobehavioral interactions in neuro-oncology caregivers*. Oral presentation at the Sigma Theta Tau International 39th Biennial Convention, Baltimore, MD.
7. ^Hricik, A., Donovan, H., Bradley, S., Given, B., Bender, C., Newberry, A., Lieberman, F., & **Sherwood, P.** (2007, November). *Transitioning into the caregiver role: Experiences in neuro-oncology*. Oral presentation at the Sigma Theta Tau International 39th Biennial Convention, Baltimore, MD.
8. ^Newberry, A., Donovan, H., Given, B., Given, C., Bradley, S., Hricik, A., Xiaoli, L., & **Sherwood, P.** (2007, November). *Costly care: The impact of providing care on caregiver employment*. Poster presentation at the Sigma Theta Tau International 39th Biennial Convention, Baltimore, MD.
9. ^Bradley, S., Donovan, H., Bender, C., Rosenzweig, M., Hricik, A., Newberry, A., Hamilton, R., & **Sherwood P.** (2007, November). *The costs of cancer care*. Oral presentation at the Sigma Theta Tau International 39th Biennial Convention, Baltimore, MD.

10. Hricik, A.J., **Sherwood, P.**, Crago, E., Hoffman, L., Horowitz, M.B., & Bender, C. (2008, February). *Prevalence of cognitive dysfunction 1 year following subarachnoid hemorrhage*. Poster presentation at the International Neuropsychological Society 36th Annual Meeting, Waikoloa, HI.
11. Newberry, A., **Sherwood, P.**, Kuo, J., Hricik, A., Donovan, H., & Given, B. (2008, November). *Identifying family members who are likely to perceive benefits from providing care to a person with a malignant brain tumor*. Poster presentation at the Society for Neuro-Oncology 13th Annual Scientific Meeting, Las Vegas, NV.
12. Snyder, S., **Sherwood, P.**, Kuo, J., Ren, D., Tuite, P., Bradley, S., Newberry, A., Hricik, A., Walker, A., Donovan, H., & Given, B. (2008, November) *Predictors of physical activity and energy expenditure in family caregivers of persons with primary malignant brain tumors*. Poster presentation at the Society for Neuro-Oncology 13th Annual Scientific Meeting, Las Vegas, NV.
13. Donnelly, M., Crago, E., **Sherwood, P.**, Horowitz, M., Conley, Y., Hricik, A., Kuo, C., Kassam, A., Poloyac, S. (March, 2009). *CYP4F2 polymorphic variants are linked to 20-HETE CSF levels and neuropsychological outcomes in aSAH Patients*. Poster presentation at the Eicosanoid Conference, Baltimore, MD.
14. Donnelly, M., Crago, E., **Sherwood, P.**, Horowitz, M., Hricik, A., Kuo, C., Poloyac, S. (March 2009). *20-HETE CSF levels are linked to neuropsychological outcomes in SAH Patients*. Poster presentation at the Eicosanoid Conference. Baltimore, MD.
15. ^Hricik, A., Newberry, A., Kuo, C.J., Walker, A., Donovan, H., Given, B., & **Sherwood P.** (2009, February). *Positive aspects of care: Changes overtime in caregivers of patients with a primary malignant brain tumor*. Poster presentation at the 10th National Conference on Cancer Nursing Research, Orlando, FL.
16. **Sherwood, P.**, Bradley, C.J., Dahman, B., Donovan, H., Mintz, A., & Given, C.W. (2009, June). *Socioeconomic disparities in receiving radiation following diagnosis of a glioblastoma multiforme*. Oral presentation at the 11th World Congress of Psycho-Oncology, International Psycho-Oncology Society, Vienna, Austria.
17. ^Crago, E., Adkins, K., Kuo, C.J., Horowitz, M., **Sherwood, P.** (2010, January). *Initial symptom presentation as a predictor of mortality and length of stay in the patient with aneurysmal subarachnoid hemorrhage*. Oral presentation at Society of Critical Care Medicine 39th Critical Care Congress, New Orleans, LA.
18. Chuang, P., Donovan, H., **Sherwood, P.**, Hricik, A., Crago, E., Kuo, C.J., & Bender, C. (2010, April). *Factors associated with poor neuropsychological outcomes following aneurysmal subarachnoid hemorrhage*. Poster presentation at the Annual Society of Behavioral Medicine Conference, Seattle, WA.
19. ^Kuo, C.J., Stone, R.A., Ren, D., Kim, K.H., **Sherwood, P.R.** (2010, April). *Group-based trajectory analysis and patterns of change in caregivers' psychological distress*. Poster presentation at the Annual Society of Behavioral Medicine Conference, Seattle, WA.
20. Kim, H., Crago, E., Kim, M., Conley, Y., **Sherwood, P.**, Poloyac, S., & Kerr, M. (2011, February). *Genome-wide SNP association for cerebral vasospasm in subarachnoid hemorrhage patients*. Oral presentation at the International Stroke Conference, Los Angeles, CA.

21. Crago, E., Kuo, C., **Sherwood, P.**, Horowitz, M., & Poloyac, S. (2011, January). *Cerebrospinal fluid 20-hydroxyicosatetraenoic acid is associated with delayed cerebral ischemia and poor outcomes after aneurysmal subarachnoid hemorrhage*. Oral presentation at the Society of Critical Care medicine 40th Critical Care Congress, San Diego, CA.
22. Sikorskii, A., **Sherwood, P.**, Given, B., Given, C., You, M., & Prince, J. (2011, March). *Involvement of caregivers in the assistance with the management of patients' symptoms: Symptom, patient and caregiver level analysis*. Oral presentation at the Multilevel Interventions in Healthcare Meeting, Las Vegas, NV.
23. ^Yousef, K., Crago, E., Hamilton, J., Duursma, M., Colorito, P., Balzer, J., & **Sherwood, P.** (2011, September). *Relationship between mean arterial pressure and cerebral blood flow velocities in patients with subarachnoid hemorrhage*. Poster presentation at the 9th Annual Neurocritical Care Society Meeting, Montréal, QC, Canada.
24. Crago, E., Donnelly, M., **Sherwood, P.**, Kuo, C., Balzer, J., Horowitz, M., & Poloyac, S. (2011, September). *The association of metabolites of arachidonic acid in CSF on the incidence of delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage*. Poster presentation at the Neurocritical Care Annual Meeting, Montreal, QC, Canada.
25. Crago, E., Donnelly, M., Ren, D., **Sherwood, P.**, Horowitz, M., & Poloyac, S. (2012, February). *Cerebrospinal fluid 11-12 and 14-15 DHET after aneurysmal subarachnoid hemorrhage*. Poster presentation at the Society of Critical Care Medicine 41st Critical Care Congress, Houston, TX.
26. ^Chuang, P.Y., Hricik, A., Kuo, C.W., Crago, E., Bender, C., & **Sherwood, P.** (2012, February). *Factors associated with poor neuropsychological outcomes following aneurysmal subarachnoid hemorrhage*. Poster presentation at the Society of Critical Care Medicine 41st Critical Care Congress, Houston, TX.
27. ^Yousef, K., Kuo, C., Crago, E., Balzer, J., Poloyac, S., & **Sherwood, P.** (2012, February). *The impact of sodium level on neurologic deterioration after subarachnoid hemorrhage*. Poster presentation at the Society of Critical Care Medicine 41st Critical Care Congress, Houston, TX.
28. **Sherwood, P.** (2012, March). *Caring across cultures*. Oral presentation at the America in Living Color Seminar, Tampere, Finland.
29. **Sherwood, P.** (2012, May). *Challenges in nursing and healthcare research from an international perspective*. Oral presentation at the Faculty Retreat in the School of Nursing, University of Eastern Finland, Kuopio, Finland.
30. **Sherwood, P.** (2012, May). *Translating clinical research into practice*. Oral presentation at Kuopion Yliopistollinen Sairaala, Kuopio, Finland.
31. ^Choi, J., Hoffman, L., Schulz, R., Donahoe, M., Ren, D., & **Sherwood, P.** (2013, May). *Fatigue in family caregivers of adult ICU survivors from ICU admission to two months post-ICU discharge: A secondary analysis*. Oral presentation at the American Thoracic Society International Conference, Philadelphia, PA.
32. Donnelly, M., Conley, Y., Crago, E.A., **Sherwood, P.**, Balzer, J., & Poloyac, S. (2014, January). *Association of SNPs on genes affecting EET levels and delayed cerebral ischemia in aSAH patients*. Poster presentation at the Society for Critical Care Medicine's 43rd Annual Conference, San Francisco, CA.
33. **Sherwood, P.** & Vehvilainen-Julkunen, K. (2014, February). *Elements of a competitive research proposal*. Oral presentation at University of Eastern Finland, Vaitoskirjan Symposiumi, Kuopio, Finland.

34. ^Vehvilainen-Julkunen, K. & **Sherwood, P.** (2014, February). *Elements of a competitive manuscript submission*. Oral presentation at University of Eastern Finland, Vaitoskirjan Symposiumi, Kuopio, Finland.
35. ^Schmidt, J., Bovbjerg, D., Lieberman, F., Bender, C., Weimer, J., & **Sherwood, P.** (2014, April). *Cognitive and affective function in newly diagnosed patients with primary brain tumors*. Oral presentation at the Society of Behavioral Medicine 35th Annual Meeting, Philadelphia, PA.
36. ^Sak, N., Kvist, T., Andruszkiewicz, P., & **Sherwood, P.** (2014, August). *Should relatives be allowed in the resuscitation room?* Poster presentation at the 8th ICN International Nurse Practitioner/APNN Conference Annual Meeting, Helsinki, FI.
37. ^Boele, F., Klein, M., Armstrong, T., Reijneveld, J., Postma, T., Taphoorn, M., Aaronson, N., Heimans, J., & **Sherwood, P.** (2014, October). *Needs of informal caregivers of primary malignant brain tumor patients in the United States and the Netherlands: An international comparison*. Oral presentation at the European Association of Neuro-Oncology 11th Annual Conference, Tourin, Italy.
38. **Sherwood, P.**, Weimer, J., Price, T., Ren, D., Lieberman, F., & Donovan, H. (2014, October). *Stress induced immune dysfunction in neuro-oncology caregivers*. Poster presentation at the European Association of Neuro-Oncology 11th Annual Conference, Tourin, Italy.
39. ^Crago, E., Price, T.J., Bender, C., Ren, D., Poloyac, S., **Sherwood, P.** (2015, January). *Impaired work productivity following aneurysmal subarachnoid hemorrhage*. Oral presentation at the 44th Annual Meeting of the Society for Critical Care Medicine.
40. Sak, N., Andruszkiewicz, P., **Sherwood, P.**, & Kvist, T. (2015, November). *Family in the resuscitation room: Polish and Finnish nurses' experiences and attitudes towards family-witnessed cardiopulmonary resuscitation in a hospital setting*. Oral presentation at the 43rd Biennial Convention of Sigma Theta Tau International, Las Vegas, Nevada, USA.
41. ^Vehvilainen-Julkunen, K., Kvist, T., & **Sherwood, P.** (2015, November). *Post doctoral career pathway through collaboration across continents*. Oral presentation at the 43rd Biennial Convention of Sigma Theta Tau International, Las Vegas, Nevada, USA.
42. Crago, E., Yabes, J., Balzer, J., Triulzi, L., Ducruet, A., **Sherwood, P.**, & Poloyac, S. (2016, February). *Aneurysmal Subarachnoid Hemorrhage Patients with elevated 20-HETE have higher Lindegaard ratios*. Oral presentation at the 45th Annual Meeting of the Society for Critical Care Medicine. *Winner, 2016 SCCM Research Snapshot Award.
43. ^**Sherwood, P.** (2016, January). *A research trajectory of care*. Oral presentation at the Health Sciences Research Symposium for the School of Health Sciences, Aarhus University, Copenhagen, Denmark.
44. Stanfill, A., **Sherwood, P.**, Poloyac, S., Crago, E., & Conley, Y. (2016, August). *The impact of dopamine, serotonin, and BDNF genotype on long term outcomes after aneurysmal subarachnoid hemorrhage*. Oral presentation at the International Society of Nurses in Genetics conference, Dublin, Ireland.
45. ^Crago, E., Poloyac, S., & **Sherwood, P.** (2016, August). *The impact of aromatase genotypes on long term outcomes after aneurysmal subarachnoid hemorrhage*. Oral presentation at the International Society of Nurses in Genetics conference, Dublin, Ireland.
46. **Sherwood, P.**, Boele, F., & Donovan, H. (2016, June; invited presentation). *Implementation of the SmartCare intervention for neuro-oncology family caregivers*. Oral presentation at the Incubator Day at the University of Leeds, Leeds, England.

47. **Sherwood, P.**, Given, C., Given, B., Schulz, R., Weimer, J., Ren, D. (2016, October). *The impact of caregivers' depression on their physical health*. Oral presentation at the International Psycho-Oncology Society Annual Conference, Dublin, Ireland.
48. **Sherwood, P.** (2017, September). *Comparative effectiveness research and the Functional Resonance Analysis Methods*. Participant at the INEXCA Annual Conference, Leuven, Belgium.
49. Heinsberg, L., Ren, D., Crago, E., **Sherwood, P.**, Poloyac, S., & Conley, Y. (2017, November). *HAMP gene polymorphism and patient outcomes following aneurysmal subarachnoid hemorrhage*. Poster presentation at the International Society of Nurses in Genetics Annual Conference, Reston, Virginia.
50. **Sherwood, P.**, Donovan, H., Terhorst, L., Given, B., & Given, C. (2018, January). *The impact of a behavioral intervention on family caregivers' C-reactive protein*. Oral presentation at the International Stress and Behavior Society, St. Lucia.
51. ^Boele, F., Rooney, A., Bulbeck, H., & **Sherwood P.** (October 2018). *Interventions to help support caregivers of people with a brain or spinal cord tumour – a Cochrane systematic review*. Oral presentation at the Conference of the European Association of Neuro-Oncology, Stockholm, Sweden.

National

1. **Riess (Sherwood), P.**, Given, C., Kozachik, S., Given, B., Wagler-Ziner, K., Champion, V., Mueller, C., & Fulton, J. (2001, October). *Comparison of delivery methods for supportive care*. Poster presentation at the Colloquium 2001: Behavioral Cooperative Oncology Group in association with the Mary Margaret Walther Program for Cancer Care Research/Walther Cancer Institute, Indianapolis, IN.
2. **Riess (Sherwood), P.**, Stommel, M., Murman, D., Given, C., & Given, B. (2002, March). *The effect of Medicaid eligibility on the incidence of primary malignant brain tumors in Michigan in 1996 and 1997*. Poster presentation at the American Association of Neuroscience Nurses Annual Meeting, Chicago, IL.
3. **Sherwood, P.**, Given, B., & Given, C., Murman, D., Schiffman, R., & Lovely, M. (2003, February). *Family care of persons with a brain tumor*. Poster presentation at the 7th National Conference on Cancer Nursing Research, sponsored by the Oncology Nursing Society and the American Cancer Society, San Diego, CA.
4. **Sherwood, P.**, Given, B., Given, C., & Murman, D. (2003, April). *Monitoring quality and human subject protection in health care research*. Oral presentation at the 35th Annual Meeting of the American Association of Neuroscience Nurses, Atlanta, GA.
5. **Sherwood, P.**, & Guill, B. (2003, June). *Caring for the caregivers*. Oral presentation at Family Weekend. Sponsored by the American Brain Tumor Association, Chicago, IL.
6. Given, C., Given, B., **Sherwood, P.**, & Doorenbos, A. (2003, October). *Integrated-comparative data*. Oral presentation at the Annual Fall Conference of the Behavioral Cooperative Oncology Group, Indianapolis, IN.
7. **Sherwood, P.**, Given, B., Given, C., Schiffman, R., Murman, D., & Lovely, M. (2004, October). *The role of mastery in moderating the negative effects of providing care*. Oral presentation at the Council for the Advancement of Nursing Science. National State of the Science Congress in Nursing Research, Washington, DC.

8. **Sherwood, P.**, Given, B., Given, C., Schiffman, R., Murman, D., & Lovely, M. (2004, April). *The emotional health of caregivers of persons with a primary malignant brain tumor*. Oral presentation at The 28th Annual ONS Congress, Anaheim, CA.
9. Hricik, A., **Sherwood, P.**, & Kerr, M. (2005, January). *Post-subarachnoid hemorrhage difficulties from the patient perspective*. Poster presentation at the Society for Critical Care Medicine 34th Critical Care Conference, Phoenix, AZ.
10. **Sherwood, P.**, Given, C.W., Given, B., & Champion, V. (2005, February). *Differential effects of a cognitive behavioral intervention on symptom management*. Poster presentation at the 8th National Conference on Cancer Nursing Research, Fort Lauderdale, FL.
11. ^Doorenbos, A.Z., Given, C.W., Given, B., & **Sherwood, P.** (2005, November). *Aging issues in cognitive behavioral interventions for symptoms with cancer patients*. Oral presentation at the 58th Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA.
12. Bender, C., **Sherwood, P.**, Hricik, A., Crago, E., & Hoffman, L. (2006, April). *Neuropsychological sequelae following aneurysmal subarachnoid hemorrhage*. Oral presentation at the American Association of Neuroscience Nurses 38th Annual Meeting, San Diego, CA.
13. **Sherwood, P.**, Crago, E., Poloyac, S., Bies, R., Hoffman, L., & Kerr, M. (2006, October). *Mechanisms involved in cerebral vasospasm following aneurysmal subarachnoid hemorrhage*. Oral presentation at the 2006 National Congress on the State of the Science Nursing Research Conference, Washington, DC.
14. Hricik, A., **Sherwood, P.**, Bender, C., Kang, H.J., Crago, E., & Hoffman, L. (2006, October). *Predictors of neuropsychological outcome three months post subarachnoid hemorrhage*. Oral presentation at the 2006 National Congress on the State of the Science Nursing Research Conference, Washington, DC.
15. **Sherwood, P.**, Given, B., Bender, C., Baum, A., Schulz, R., Hricik, A., Sereika, S., & Lieberman, F. (2007, February). *Mind body interactions in neuro-oncology caregivers*. Poster presentation at the Oncology Nursing Society 9th National Conference on Cancer Nursing Research, Hollywood, CA. **Received 2nd place in poster presentations.
16. **Sherwood, P.**, Given, B., Bender, C., Baum, A., Schulz, R., Hricik, A., Sereika, S., & Lieberman, F. (2007, April). *Biobehavioral interactions in family caregivers*. Oral presentation at the American Association of Neuroscience Nurses 39th Annual Meeting, Orlando, FL.
17. **Sherwood, P.**, Hricik, A., Donovan, H., Bradley, S., Newberry, A., & Given, B. (2008, February). *Emerging distress in neuro-oncology caregivers*. Oral presentation at the American Psycho-Oncology Society 5th Annual Conference, Irvine, CA.
18. **Sherwood, P.**, & Kassam, A. (2008, March). *A paradigm shift in the way we care: The role of neuroscience nurses in minimally invasive neurosurgery*. Oral presentation at the American Association of Neuroscience Nurses 40th Annual Meeting, Orlando, FL.
19. ^Donovan, H., Chantiel, U., Lu, X., Sereika, S., & **Sherwood, P.** (2008, May). *Symptom prevalence across six phases of the ovarian cancer disease trajectory*. Poster presentation at the 33rd Annual Congress of the Oncology Nursing Society, Philadelphia, PA.
20. Donovan, H., **Sherwood, P.**, Bender, C., Cohen, S., Crighton, M., Lu, X., & Sereika, S. (2008, May). *A comparison of three methods of symptom cluster identification*. Oral presentation at the 33rd Annual Congress of the Oncology Nursing Society, Philadelphia, PA.

21. Bender, C., Sereika, S., Ryan, C., **Sherwood, P.**, Rosenzweig, M., Donovan, H., Casillo, F., Richey, S., & Dunbar-Jacob, J. (2008, October). *Do cognitive impairments predict non-adherence to hormonal therapy in women with breast cancer?* Oral presentation at the 2008 National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
22. Newberry, A., **Sherwood, P.**, Hricik, A., Bradley, S., Crago, E., & Hoffman, L. (2008, October). *Recruitment and retention in neurological research: Strategies to improve success.* Oral presentation at the 2008 National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
23. **Sherwood, P.**, Donovan, H., Rosenzweig, M., Cohen, S., & Bender, C. (2008, October). *Barriers to optimal well-being for women with cancer.* Oral symposium at the National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
24. Donovan, H., Rosenzweig, M., Ward, S., Kwekkeboom, K., **Sherwood, P.**, Knapp, J., Ingel, R., Umberger, C., Fields, M., Sereika, S., Brufsky, A., Simon, J., Underwood, S., & Serlin, R. (2008, October). *Symposium on Non-specific effects in psycho-educational intervention research.* Oral presentation at the National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
25. Knapp, J., Ingel, R., Fields, M., Umberger, C., **Sherwood, P.**, & Donovan, H. (2008, October). *Using the internet to recruit and conduct intervention research: Experiences from the WRITE symptoms internet-based ovarian cancer symptom management study.* Poster presentation at the National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
26. **Sherwood, P.**, Kassam, A., Hricik, A., Crago, E., & Donovan, H. (2008, October). *Patient outcomes following endoscopic endonasal approach for tumor removal.* Oral presentation at the National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
27. Hricik, A., **Sherwood, P.**, Crago, E., Hoffman, L., Horowitz, M., & Bender, C. (2008, October). *Prevalence of cognitive dysfunction 1 year following subarachnoid hemorrhage.* Oral presentation at the National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
28. Snyder, S, **Sherwood, P.**, Ren, D., Newberry, A., Bradley, S., Hricik, A., Donovan, H., & Given, B. (2008, October). *Predictors of physical activity and energy expenditure in family caregivers of persons with a primary malignant brain tumor.* Oral presentation at the National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
29. ^Walker, A., Bradley, S., Hricik, A., Ren, D., Bender, C., Schulz, R., Given, B., Donovan, H., & **Sherwood, P.** (2008, October). *The contribution of economic hardship to caregiver burden and depression.* Oral presentation at the National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
30. Bradley, S.E., **Sherwood, P.R.**, Gettig, E.A., Kuo, J., Kammerer, C.M., Ren, D., & Rohrer, W.M. (2008, October). *Economic hardship and the emotional health of family caregivers.* Oral presentation at the National Society of Genetic Counselors' Annual Education Conference, Los Angeles, CA.
31. ^Hricik, A., Newberry, A., Kuo, J., Walker, A., Donovan, H., Given, B., & **Sherwood, P.** (2009, February). *Positive aspects of care: Changes overtime in caregivers of patients with a primary malignant brain tumor.* Poster presentation at the 10th National Conference on Cancer Nursing Research, Orlando, FL.

32. **Sherwood, P.**, Newberry, A., Hricik, A., Walker, A., Kuo, J.C., Donovan, H., & Bender, C. (2009, February). *Recruitment and retention in neuro-oncology caregiver research*. Poster presentation at the 10th National Conference on Cancer Nursing Research, Orlando, FL.
33. **Sherwood, P.**, Donovan, H.S., Hricik, A., Schulz, R., Cohen, S., Bender, C., & Given, B. (2009, February). *Preliminary analyses of biobehavioral interactions in neuro-oncology family caregivers*. Poster presentation at the 10th National Conference on Cancer Nursing Research, Orlando, FL.
34. ^Walker, A., Hricik, A., Kuo, J., Newberry, A., Baer, M., Donovan, H., Given B., & **Sherwood, P.** (2009, February). *Changes in perception of social support over time for family caregivers*. Poster presentation at the Oncology Nursing Society, Orlando FL.
35. ^Newberry, A., Kuo, C. J., Given, B., Donovan, H., & **Sherwood, P.** (2010, September). *The role of spirituality in family caregivers*. Oral presentation at the National State of the Science Congress on Nursing Research. Council for the Advancement of Nursing Science, Washington, DC.
36. **Sherwood, P.**, Donovan, H., Given, B., Given, C., Schulz, R., Cohen, S., & Bender, C. (2010, September). *Family caregiver immune response patterns over time*. Oral presentation at the National State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC.
37. ^Choi, J., Kuo, C.J., Given, C.W., Given, B.A., You, M., Sikorskii, A., & **Sherwood, P.R.** (2010, September). *Effect of behavioral intervention on cancer survival*. Oral presentation at the National Congress on the State of the Science in Nursing Research, Washington DC.
38. Given, B., **Sherwood, P.**, Given, C.W., & Silorskii, A. (2010, November). *Transitions in cancer care: Family caregivers' involvement in symptom management*. Oral presentation at the Gerontological Society of America 63rd Annual Meeting, New Orleans, LA.
39. **Sherwood, P.**, Given, B., Donovan, H., Kuo, J., Cohen, S., & Given, C. (2011, February). *Alterations in IL-1 β in neuro-oncology family caregivers over time*. Oral presentation at the National Conference on Cancer Nursing Research for the Oncology Nursing Society, Los Angeles, CA.
40. ^Weimer, J., Kuo, J., Flessner, K., Quolke, V., Given, B., Donovan, H., & **Sherwood, P.** (2011, February). *Identifying cognitive impairment in patients with primary malignant brain tumors*. Oral presentation at the National Conference on Cancer Nursing Research for the Oncology Nursing Society, Los Angeles, CA.
41. ^Flessner, K., Quolke, V., Baer, M., Donovan, H., Given, B., **Sherwood, P.** (2011, February). *Factors contributing to persistent distress in bereaved neuro-oncology family caregivers*. Oral presentation at the National Conference on Cancer Nursing Research for the Oncology Nursing Society, Los Angeles, CA.
42. Donovan, H.S., Dumrongpakapakorn, P., **Sherwood, P.** & Kuo, Chien-Wen J. (2011, February). *Selection, implementation, and perceived effectiveness of symptom management strategies by women with recurrent Ovarian Cancer*. Oral presentation at the National Conference on Cancer Nursing Research for the Oncology Nursing Society, Los Angeles, CA.
43. ^Knisely, D., Kuo, J., Quolke, V., Crago, E., Bender, C., Poloyac, S., & **Sherwood, P.** (2011, March). *Serotonin transporter gene polymorphisms (5-HTTLPR and HTTVNTR) and APOE as genetic markers of depression following aneurysmal subarachnoid hemorrhage*. Oral presentation at the National Conference on Undergraduate Research, Ithaca, NY.

44. ^Pawl, J., Lee, S., Clark, P., & **Sherwood, P.** (2011, February). *Examining sleep and health related quality of life in family caregivers*. Oral presentation at the Southern Nursing Research Society, 25th Annual Conference, Jacksonville, FL.
45. ^Kuo, C.J., Kim, K.H., Donovan, H., Given, B., Given, C.W., Schulz, R., & **Sherwood, P.** (2011, February). *Developing a risk assessment tool identifying caregivers at risk for prolonged psychological distress*. Oral presentation at the Oncology Nursing Society 11th National conference on Cancer Nursing Research, Los Angeles, CA.
46. Donnelly, M., Crago, E., **Sherwood, P.**, & Poloyac, S. (2011, October). *Cytochrome P450 eicosanoid levels in cerebrospinal fluid and delayed cerebral ischemia in subarachnoid hemorrhage*. Oral presentation at the American College of Clinical Pharmacology, Annual Meeting, Pittsburgh, PA.
47. ^Choi, J., Hoffman, L.A., Ren, D., Donahoe, M.P. & **Sherwood, P.** (2011, October). *Trajectory of depressive symptoms in family caregivers of the chronically critically ill from ICU admission to 2 months post-ICU discharge: A pilot study*. Poster presentation at the American College of Chest Physician Annual Meeting, Honolulu, HI.
48. ^Prince, J., & **Sherwood, P.** (2012, February). *Cognitive measures in persons with cancer*. Poster presentation at the 9th Annual Meeting of the American Psycho-Oncology Society, Miami, FL.
49. ^Chuang, P.Y., Conley, Y., Kuo, C.W., & **Sherwood, P.** (2012, February). *Functional interleukin 1 β and 6 proteins and their genetic variations associated with psycho-behavioral responses in the caregivers of patients with malignant brain tumors*. Poster presentation at the 9th Annual Meeting of the American Psycho-Oncology Society, Miami, FL.
50. ^Choi, J., Hoffman, L.A., Donahoe, M.P., Ren, D., & **Sherwood, P.** (2012, May). *Sleep in family caregivers of adult ICU survivors from ICU admission to 2 months post-ICU discharge: A pilot analysis*. American Thoracic Society 2012 International Conference, San Francisco, CA.
51. Klein, S.J., Roberge, M.C., Hughes, S.H., Stein, H.R., Hagan, T.L., Knapp, J.E., Gilbertson-White, S.H., **Sherwood, P.**, Kuo, C.W., & Donovan, H.S. (2012, September). *Intervention research across state lines: The burden of multi-state nurse licensure*. Oral Presentation at the Council for the Advancement of Nursing Science Annual State of the Science Conference on Nursing Research, Washington, D.C.
52. ^Choi, J., Schulz, R., Donahoe, M.P., & **Sherwood, P.** (2012, September). *Self-reported physical symptoms in ICU survivors for four months post-ICU discharge: A pilot analysis*. Poster Presentation at the Council for the Advancement of Nursing Science Annual State of the Science Conference on Nursing Research, Washington, D.C.
53. Gilbertson-White, S., Bursic, A., **Sherwood, P.**, Donovan, H. (2012, September). *Symptom representations and coping efforts for pain and numbness/tingling in women with a history of ovarian cancer*. Oral Presentation at the Council for the Advancement of Nursing Science Annual State of the Science Conference on Nursing Research, Washington, D.C.
54. ^Thelen, B., Choi, C.W., Ryan, C., Weimer, J., Gardner, P., & **Sherwood, P.** (20120, November). *Impact of neuropsychological dysfunction from brain tumors on work productivity*. Oral presentation at the Oncology Nursing Society Connections: Advancing care through science conference, Phoenix, AZ.
55. **Sherwood, P.**, Given, C.W., Given, B., Kuo, C.J., Weimer, J., & Donovan, H. (2012, November). *Symptom prevalence and severity during active treatment for a brain tumor*. Oncology Nursing Society, Connections: Advancing care through science, Phoenix, AZ.

56. ^Prince, J., Terhorst, L., Choi, C.W., Donovan, H., Given, B., & **Sherwood, P.** (2012, November). *Measuring needs in neuro-oncology caregivers*. Oral presentation at the Oncology Nursing Society, Connections: Advancing care through science conference, Phoenix, AZ.
57. ^Jiang, Y., Terhorst, L., Donovan, H., Weimer, J., Schulz, R., Given, B., & **Sherwood, P.** (2012, November). *Locke-Wallace Short Marital-Adjustment Test: Psychometric evaluation in caregivers for persons with a primary malignant brain tumor*. Oral presentation at the Oncology Nursing Society, Connections: Advancing care through science conference, Phoenix, AZ.
58. Gilbertson-White, S., Donovan, H., & **Sherwood, P.** (2012, November). *A conceptual model of biobehavioral response to symptom meaning in patients with advanced cancer*. Oral presentation at the Oncology Nursing Society, Connections: Advancing care through science conference, Phoenix, AZ.
59. ^Gilbertson-White, S., Marsland, A., Krajina, K., Donovan, H., & **Sherwood, P.** (2012, November). *TNF α phenotypes and symptoms of stress in caregivers of persons with primary malignant brain tumors*. Oral presentation at the Oncology Nursing Society, Connections: Advancing care through science conference, Phoenix, AZ.
60. ^Fisher, A., Newberry A. Choi, C.W., Donovan, H., Given, B., & **Sherwood, P.** (2012, November). *The role of spirituality in neuro-oncology family caregivers*. Poster presentation at the Oncology Nursing Society, Connections: Advancing care through science conference, Phoenix, AZ.
61. Hagan, T., Hughes, S., Bender, C., **Sherwood, P.**, Edwards, R.P., Donovan, H. (2012, November). *Individualized strategies for the management of cancer-related fatigue by women with recurrent ovarian cancer*. Poster presentation at the Oncology Nursing Society Connections: Advancing care through science conference, Phoenix, AZ.
62. ^Schmidt, J., Bovbjerg, D., Lieberman, F., Bender, C., Weimer, J., & **Sherwood, P.** (2014, May). *Cognitive function and depressive symptoms in patients with newly diagnosed primary brain tumors: A potential interactive relationship*. Poster presentation at the American Society for Clinical Oncology annual conference, Chicago, IL.
63. ^Voutilainen, A., Vehvilainen-Julkunen, K., & **Sherwood, P.** (2014, October). *Approaching complex health-related phenomena through spatial modeling: Explaining cancer incidences with spatial vectors based on geographical distances*. The Council for the Advancement of Nursing Science 2014 State of the Science Nursing Conference.
64. ^Gilbertson-White, S., Donovan, H., & **Sherwood, P.** (2014, October). *Threat appraisals of cancer related symptoms in palliative care*. The Council for the Advancement of Nursing Science 2014 State of the Science Nursing Conference.
65. **Sherwood, P.** (2014, November). *The current state of the science in neuro-oncology caregiving*. Invited oral presentation at the Society for Neuro-Oncology annual conference, Miami, FL.
66. ^Low, C., Jakicic, J., Marsland, A., Donovan, H., Weimer, J., & **Sherwood, P.** (2015, March). *Objective physical activity in neuro-oncology family caregivers: Associations with inflammatory cytokines*. Annual Meeting of the American Psychosomatic Society, Savannah, GA.
67. Stanfill, A., **Sherwood, P.**, Crago, E., Poloyac, S., & Conley, Y. (2015, October). *Association between serotonin transporter VNTR and depression at 12 months post aneurysmal subarachnoid hemorrhage*. Annual Meeting of the American Society of Human Genetics conference, Baltimore, MD.

68. Roberge, M., Hughes, S., Donovan, H., Armstrong, T., & **Sherwood, P.** (2016, November). *Perceived effectiveness of management strategies used by neuro-oncology family caregivers*. Poster presentation at the Annual meeting of the Society of Neuro-Oncology, Phoenix, AZ.
69. Arockiaraj, T., Koleck, J., Shaffer, R., **Sherwood, P.**, Crago, E., Poloyac, S., Weeks, D., Conley, Y. (2016, October). *Epigenome-wide association study of delayed cerebral ischemia in stroke patients*. Oral presentation at the Annual meeting of the American Society of Human Genetics, Vancouver, Canada.
70. **Sherwood, P.**, Marsland, A., Donovan, H., Weimer, J., Armstrong, T. & Drappatz, J. (2016, November). *Predictors of physical health in neuro-oncology family caregivers*. Oral presentation at the Annual meeting of the Society of Neuro-Oncology, Phoenix, AZ.
71. ^Weimer, J., Donovan, H., Armstrong, T., Drappatz, J., & **Sherwood, P.** (2016, November). *Identifying cognitive impairment in patients with primary malignant brain tumors*. Oral presentation at the Annual meeting of the Society of Neuro-Oncology, Phoenix, AZ.
72. ^Cao, X., Ren, D., Donovan, H., Weimer, J., & **Sherwood, P.** (2016, November). *The impact of neurooncology patients' neuropsychological function on family caregivers' emotional health*. Oral presentation at the Annual meeting of the Society of Neuro-Oncology, Phoenix, AZ.
73. ^Symposium presenters: Gilbertson-White, S., Donovan, H., & **Sherwood, P.** (2018, April). *Advances in technology-delivered multi-symptom self-management interventions*. Oral symposium presentation at the 44th annual congress of the Oncology Nursing Society, Anaheim, CA. Sherwood portion of the presentation: *Smartcare: Innovations in caregiver interventions*.

Regional/Local available upon request.

Teaching (since faculty appointment)

Primary Teacher

| Term/Years | Course Number & Title | No. of Students | Level | Didactic or Clinical |
|-------------------|--|------------------------|------------------|---------------------------------------|
| 2005-2008 | NUR 1610; Applied Pathophysiology | ~40/term | RN-BSN RN-MSN | Didactic |
| 2006-2007 | NUR 3008; Ethics, Public Policy, and Finance in Healthcare | ~8/term | DNP | Didactic |
| 2007-2008 | NUR 2008; Ethics for Advanced Practice Nursing | ~20/term | MSN | Didactic |
| 2007 | NUR 1085; Ethics in Nursing and Health | ~40/term | Under-graduate | Didactic |
| 2008-2012 | NUR 2000; Evidence Based Practice I | ~60/term | Graduate | Didactic |
| 2012 | NUR 3044; Cancer Survivorship Seminar (co-taught) | ~8 | PhD and post-doc | Didactic |
| 2013-2017 | NUR 3030; Professional Development | ~4/term | PhD | Didactic |
| 2015-present | NUR 3050; Grant Writing | ~29/term | PhD/DNP | Didactic and developed on-line course |
| 2016 | NUR 3044; Cancer Survivorship Seminar (team taught) | 7 | PhD | Didactic |

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|------|--------------------------------------|----|-----|--------------------------|
| 2016 | NUR 1134; Transitions | 3 | BSN | Clinical |
| 2018 | NUR 1085; Ethics in Nursing Practice | ~ | BSN | Developed on-line course |
| 2018 | NUR 3050; Grant writing | 30 | DNP | Didactic |
| | NUR 3052; Manuscript Development | 3 | DNP | Didactic |
| | NUR 2000; Evidence Based Practice | 30 | DNP | Didactic |

Lecturer/ Lecturer

| Term/Years | Course Number & Title | No. of Students | Level | Topic of Lecture |
|------------|---|-----------------|-------|---|
| 2004 | NUR 910; Health Status Outcomes | ~5 | PhD | Physical functioning, caregiving |
| 2005, 2007 | NUR 3040; Research Emphasis: Critical Care | ~5 | PhD | Caregiver challenges in neuro-oncology |
| 2005-2008 | NUR 2003; Health Promotion | ~40 | MS | Mental health |
| 2006 | NUR 2107; Clinical Emphasis Oncology | 2 | MSN | Genetics for cancer nurses |
| 2007 | NUR 2107; Clinical Emphasis Oncology | ~5 | MSN | Research in neuro-oncology |
| 2007 | School of Social Work, Doctoral Research Seminar | 4 | PhD | Using theoretical models to guide research |
| 2009, 2011 | NUR 3040; Research Emphasis Critical and Acute Care | 7 | PhD | Caregivers of neuro-oncology patients: Strategies for success |
| 2006-2009 | NUR 3016; Theory Underlying Research | ~5 | PhD | Theory underlying physiologic research |
| 2015 | NUR3042 Research Seminar in Chronic Disorders, University of Pittsburgh | ~6 | PhD | Interventions and biobehavioral research in cancer caregiving |

Invited Visiting Professor Lectures (* indicates international lecture)

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|-------|--|-----|---------|---|
| *2012 | Quantitative Methods, University of Eastern Finland | ~25 | PhD-MSN | State of the science in global nursing research |
| *2012 | Doctoral seminar, University of Eastern Finland | ~7 | PhD | Biobehavioral research |
| *2012 | Evidence Based Practice, University of Eastern Finland | ~15 | MSN | The evolution of EBP in the United States |
| *2012 | Evaluation of Nursing Knowledge, University of Eastern Finland | ~25 | MSN | Developing and refining a conceptual model |
| 2013 | Neuropsychological outcomes in research, University of Texas-Houston | ~5 | PhD | Evaluating neuropsychological outcomes across a variety of neuroscience populations |
| *2014 | Doctoral seminar, University of Eastern Finland | ~24 | PhD | Evaluation of student dissertation proposals |
| 2014 | NUR 910, Michigan State University | ~14 | PhD/DNP | Outcomes in family caregiving |

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|-------|---|----|-----|---|
| *2016 | Developing a research trajectory, University of Copenhagen Graduate School of Health and Medical Sciences | 8 | PhD | Developing a research trajectory |
| *2017 | Doctoral seminar, University of Eastern Finland | 14 | PhD | Grant writing and evaluation of student proposals |
| *2018 | Doctoral seminar, University of Eastern Finland | 9 | PhD | Grant writing and evaluation of student proposals |

Participation in Theses and Dissertations (*Indicates international students/faculty)

Bachelor's in Philosophy (Honors Program):

Eleanor Turi, University of Pittsburgh School of Nursing, "Phenotype of persons with subarachnoid hemorrhage who return to work", committee member, anticipated years of involvement – 2

Anisha Verma, University of Pittsburgh School of Medicine, "Health care utilization among caregivers of persons with a primary malignant brain tumor, primary mentor, anticipated years of involvement – 3

Master's Theses (*Indicates international students/faculty):

Sarah Bradley, University of Pittsburgh Graduate School of Public Health, "The role of economic burden in predicting family caregivers' emotional health", thesis chair, 2 years of involvement

Jean Kuo, University of Pittsburgh Graduate School of Public Health, "Analyzing trajectories of caregiver psychological distress over time using group-based modeling methods", committee member, Present professional status: Biostatistician Research Foundation for Mental Hygiene

Allison Walker, University of Pittsburgh Graduate School of Public Health, "Cancer caregiving in developing countries", committee member, Present professional status: Director of Operations Horne LLC

*Anniina Pylysy, RN, University of Eastern Finland School of Nursing, "Staffing ratios, legislative action, and patient outcomes", Fulbright mentor, anticipated years of involvement - 3

DNP Capstone Projects:

Lisa Painter, University of Pittsburgh School of Nursing, "Nursing behaviors and risk for malpractice", committee member, anticipated years of involvement – 2, Present professional status: Director Department of Patient Safety/Risk Management University of Pittsburgh Medical Center

Donna Kinzler, University of Pittsburgh School of Nursing, "Quality of life and immune parameters in patients with pancreatic cancer", committee member, Present professional status: Nurse Practitioner Specialist Monroeville PA

PhD Dissertations (*Indicates international students/faculty):

Sarah Belcher, RN, University of Pittsburgh School of Nursing, "Characterizing psychobehavioral risks in survivors of multiple primary cancers", committee member, present professional status: post-doctoral scholar at Emory University

*Karin Piil, PhD, University of Copenhagen, "Perspectives on daily life and health-related quality of life in patients with high-grade gliomas and their caregivers: a mixed methods study", committee member, anticipated years of involvement – 2

*Natalia Sak, RN, University of Eastern Finland School of Nursing, "Family presence during inpatient cardiopulmonary resuscitation", committee member, anticipated years of involvement – 4

Jennifer Prince, University of Pittsburgh School of Nursing, "Cervical cancer screening and outcomes in veterans with mental illness", committee chair, anticipated years of involvement – 4

Xinxuan Cao, University of Pittsburgh School of Nursing, "Caregivers of persons with colorectal cancer", committee chair, anticipated years of involvement – 4

- *Marita Repo, University of Eastern Finland School of Nursing, “Quality cancer care”, committee member, anticipated years of involvement – 4
- Elizabeth Crago, University of Pittsburgh School of Nursing, “The role of estradiol in delayed cerebral ischemia following aneurysmal subarachnoid hemorrhage”, committee chair, years of involvement – 4, Present professional status: Assistant Professor, School of Nursing, University of Pittsburgh
- *Florien Boele, Neuropsychiatrist, VU University Medical Center, The Netherlands, "Neuropsychological symptoms and caregiver outcomes in neuro-oncology", Co-mentor, present professional status YCR University Academic Fellow University of Leeds
- Khalil Yousef, University of Pittsburgh School of Nursing, “The relationship between cerebral perfusion pressure and delayed cerebral ischemia in persons with aneurysmal subarachnoid hemorrhage”, committee chair; present professional status Assistant Professor University of Jordan
- Marlon Saria, University of California Los Angeles School of Nursing, “Social support and resilience in caregiver burden for family caregivers of persons with metastatic disease”, consultant, anticipated years of involvement – 4
- Chia Tai Hung, Michigan State University School of Nursing, “The impact of discrepancies or concordance of symptom distress between family caregivers’ and cancer patients’ perceptions on caregiver burden”, committee member, years of involvement – 4, Present professional status: Assistant Professor, Chang Gung University, Taipei Medical University
- Phensiri Dumrongpakapakorn, University of Pittsburgh School of Nursing, “The Development of a Comprehensive Fidelity Monitoring Plan for a Web-Based Psycho-educational Intervention: The Write Symptoms Study”, committee member, years of involvement – 3, Present professional status: Dean, Boromarajonani College of Nursing, Nakhon Phanom University, Thailand
- Jean Balogh, Georgia State University, “Sleep loss and its health impact among family caregivers of persons with a primary malignant brain tumor”, committee member, years of involvement – 4, Present professional status: Assistant Professor, Augusta State University
- Yun Jiang, University of Pittsburgh School of Nursing, “Decision making in advanced cancer”, Present professional status Assistant Professor University of Michigan
- Kim Nutting, University of Tasmania, “An exploration of resilience on partners’ responses to their loved one’s life threatening illness”, reviewer, present professional status: Professor.
- Lacey Heinsberg, University of Pittsburgh School of Nursing, “Multi-omics of the iron homeostasis pathway in patient outcomes following aSAH, committee member, years of involvement – 4.
- *Natalia Sak-Dankosky, University of Eastern Finland, “Family witnessed CPR”, committee member, years of involvement – 4
- *Jaana Seitovirta, University of Eastern Finland, “Immune markers in solid tumors”, committee member, years of involvement – 4
- *Natalie Heynsbergh, Deakin University, “Feasibility, usability, and acceptability of a smartphone application to support carers of people with cancer, Expert external reviewer, years of involvement – 1

Post-doctoral fellows (*Indicates international students/faculty):

- Jiyeon Choi, University of Pittsburgh School of Nursing, “Biobehavioral interactions in caregivers of persons with chronic mechanical ventilation”, Primary mentor – Sherwood, years of involvement – 3, present professional status: Assistant Professor School of Nursing University of Pittsburgh
- Pei-Ying Chuang, University of Pittsburgh School of Nursing, “Genetic variability in caregiver immune response”, Primary mentor – Sherwood, years of involvement – 3, Present professional status: Assistant Professor Johns Hopkins University
- Stephanie Gilbertson-White, University of Pittsburgh School of Nursing, “A biobehavioral approach to understand the meaning of symptoms in patients with advanced cancer”, Primary mentor – Sherwood, years of involvement – 2, Present professional status: Assistant Professor, University of Iowa
- *Ari Voutilainen, University of Eastern Finland, "Solving practical problems with innovative methods: Predicting cancer epidemiology by revealing spatiotemporal incidence patterns", Co-mentor, Present professional status: Data Manager, University of Eastern Finland

- * Pirjo Repo, University of Eastern Finland, “Cultural (sensitive) nursing care of cancer patient: patient’s, relatives and professionals point of view”, Co-mentor, years of involvement anticipated – 2
- * Florian Boele, University of Amsterdam, “Delivery preferences for intervention delivery among neuro-oncology family caregivers”, present professional status YCR University Academic Fellow University of Leeds
- Ansley Stanfill, University of Tennessee Health Sciences Center College of Nursing, “Influence of genetic and epigenetic factors on long-term outcomes in neurological injury and chronic disease, Co-mentor, Assistant Professor and Interim Associate Dean of Research the University of Tennessee Health Science Center
- *Reeta Lamminpaa, University of Eastern Finland, “Patients’ satisfaction with cancer care”, years of involvement anticipated – 2

Junior faculty mentoring (*Indicates international students/faculty):

- Angela Starkweather, PhD, ACNP-BC, CNRN, Associate Dean of Academic Affairs and Professor University of Connecticut School of Nursing, Involvement – co-investigator on grant submissions, consultant on professional development
- Karen L. Saban, PhD, APRN, CNRN, Associate Professor and Associate Dean for Research, Loyola University School of Nursing, Involvement – mentor on research trajectory, consultant on professional development
- Brian Jankowitz, MD, Assistant Professor, Dept of Neurological Surgery, School of Medicine, University of Pittsburgh; Involvement – mentor on research and mentorship grants
- Melanie S. Flint, PhD, Research Instructor of Pharmacology & Chemical Biology, University of Pittsburgh School of Medicine, Magee-Womens Research Institute – mentor on research and mentorship grants. Current position: Reader in Cancer Biology and Co-leader of Brighton and Sussex Cancer Research Network, University of Brighton, UK.
- *Renata Zelenikova, RN, PhD, Assistant Professor, Institute of Nursing and Midwifery, Faculty of Medicine, University of Ostrava Czech Republic; Involvement – mentor on Dr. Zelenikova's Ruth Crawford Mitchell Czech/Slovak Scholarship; Subject - integrating evidence based practice concepts into curricula and research in family caregiving
- Lixin Song, RN, PhD, Associate Professor, Lineberger Comprehensive Cancer Center and Department of Adult and Geriatric Health, School of Nursing, University of North Carolina at Chapel Hill; Subject – Health and health economics outcomes of patients with cancer and their caregivers
- Judith Tate, RN, PhD, Assistant Professor, School of Nursing, University of Pittsburgh; Subject – Interventions to promote recovery after admission to the intensive care unit
- Salah Al-Zaiti, RN, CRNP, APN-BC, PhD, Assistant Professor, School of Nursing, University of Pittsburgh; Subject – Stratifying pre-hospital ECGs of Acute Coronary Syndrome patients to guide treatment decision making at emergency departments
- Elizabeth Crago, RN, PhD, Assistant Professor, School of Nursing, University of Pittsburgh; Subject – The role of estrodial in neuroprotection in aneurysmal subarachnoid hemorrhage.
- Christopher Imes, RN, PhD, Assistant Professor, School of Nursing, University of Pittsburgh; Subject – Genetic and epigenetic influences in cardiovascular disease
- Paula Warren, MD, Assistant Professor, Department of Neurology, Division of Neuro-Oncology, University of Alabama at Birmingham; Subject – Seizures in persons with a brain tumor
- Maija Reblin, PhD, Assistant Member, Department of Health Outcomes and Behavior, Moffit Cancer Center; subject – Subject – the stress process over time in family caregivers
- *Tarja Kvist, Associate Professor, Docent, School of Nursing, University of Finland; Subject – Patient satisfaction with cancer care
- *Merja Miettinen, Chief Nursing Officer, Kuopio University Hospital; Subject – Magnet status and evidence based practice

Service

**Michigan State University
University Committees:**

2002 - 2003 Reviewer and member, University Committee on Research Involving Human Subjects, Michigan State University

School of Nursing Committees:

2001 - 2001 Member, College of Nursing Research Committee, Michigan State University

University of Pittsburgh

University Committees:

2008 – 2010 Member, University Senate Budget Policies Committee
 2008 Grant reviewer: University of Pittsburgh Clinical and Translational Science Institute
 2012 University Research Council
 2014 Chair, Health Sciences Grant Review Subcommittee, University of Pittsburgh Central Research Development Fund

School of Nursing

2005 - 2006 Member, Cameos of Caring Advanced Practice Selection Committee
 2005 - 2006 Member, Oncology Scholarship Award Selection Committee
 2005 - 2006 Member, Evidence Based Practice Committee
 2006 - 2007 Member Leslie A. Hoffman Research Award Selection Committee
 2006 - present Member, PhD Council
 2007 - 2009 PhD Progression and Graduation Sub-Committee
 2006 - 2007 Member, RN Completion Review Committee
 2007 - 2008 Planning and Budget Committee
 2007 - 2009 Academic Integrity Slate Committee
 2008 Graduate Scholarship Review Committee
 2008 - 2009 Undergraduate Scholarship Review Committee
 2007 - 2009 Planning and Budget Committee
 2008 - 2010 Policies and Bylaws Committee
 2010- present Tenure and Promotion Committee
 2011-2013 Honors Undergraduate Program Task Force
 2016 Cameos of Caring Selection Committee

Community

1998-2000 Board Member, Traumatic Brain Injury Center, Flint, Michigan
 2009-2010 Grant writer, The Strand Theater Renovation Project
 2008-2015 Secretary, Cub Scout Troop 457, Zelienople, PA
 2011-2015 Organizer Blue and Gold Dinner (Annual Award Ceremony)
 2017-2018 Secretary, Boy Scout Troop 457, Zelienople, PA

Professional (see also Membership in Professional and Scientific Societies)

2005-present Reviewer, Cancer Nursing™ Research Article Award
 2011-present Editorial board, World Journal of Nursing Science
 2011 Presenter, Grantsmanship Workshop MNRS, Columbus Ohio
 2012 Consultant, University of Eastern Finland, Development of a post-doctoral program in nursing
 2015 Presenter and consultant, *Caring for caregivers and patients: Revisiting the research and clinical priorities for informal cancer caregiving* meeting; led by the National Cancer Institute
 2015 Consultant, *The spectrum of caregiving in palliative care and rare diseases* meeting; led by the National Institute for Nursing Research
 2015-2017 Support group presenter; American Brain Tumor Association; Webinar: *Helping to care*

- 2015-2016 Mentor; American Association of Colleges of Nursing New Careers in Nursing, Nursing Doctoral Advancement in Nursing, Robert Wood Johnson Foundation
- 2016 Mentor; *Clinical Journal of Oncology Nursing*; mentee: Vivian Dee
- 2017 Mentor; National Clinicians Scholars Program
- 2017-present Member; Essential Elements of Caregiver Support in Gynecologic Oncology Program Steering Committee

Provided external promotion reviews for:

- University of Maryland, School of Nursing
- Duke University, School of Nursing
- Seattle University, School of Nursing
- Case Western Reserve University, Frances Payne Bolton School of Nursing
- University of Missouri, School of Nursing
- Michigan State University, College of Nursing
- University of Virginia, College of Nursing
- Indiana University, School of Nursing
- National Institutes of Health, National Institute for Nursing Research

Provided external grant reviews for:

- Michigan State University, School of Nursing
- Ohio State University, School of Nursing