

CURRICULUM VITAE

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EDUCATION

1973-1977	University of Pittsburgh School of Nursing Pittsburgh, PA	BSN	Nursing
1981-1983	University of Pittsburgh School of Nursing	MSN	Medical Surgical Nursing/Pulmonary Clinical Nurse Specialist
2006-2010	University of Pittsburgh School of Nursing	PhD	Nursing

RESEARCH TRAINING

2011-2013	University of Pittsburgh School of Nursing T32 NR011972A		Postdoctoral Scholar T32 NR011972-05 Training of Nurse Scientists in Cancer Survivor Research
June, 2011	Summer Genetics Institute		NIH/ NINR

APPOINTMENTS AND POSITIONS

2019 - present	University of Pittsburgh		Associate Professor with Tenure Health Promotion and Development
2013-2019	University of Pittsburgh School of Nursing		Assistant Professor Tenure Stream Health Promotion and Development
2014–present	University of Pittsburgh University of Pittsburgh Cancer Institute		Member Biobehavioral Oncology Program

2008- 2011	University of Pittsburgh School of Nursing	Part time Faculty/ Teaching Fellow
1993 - 2008	University of Pittsburgh Medical Center UPMC Presbyterian - Pittsburgh, PA	Director, Nursing Education and Research
1993 - 2008	University of Pittsburgh School of Nursing	Adjunct Instructor
1985 - 1992	University of Pittsburgh School of Nursing Dr. Leslie Hoffman, PI	Project Director Concealed Oxygen Delivery Studies
1983 - 1985	Presbyterian-University Hospital Pittsburgh, PA	Clinical Instructor Nursing In-service Education
1980 - 1983	Presbyterian-University Hospital	Part-time Staff Nurse
1979 - 1980	Presbyterian-University Hospital	Clinical Instructor Nursing In-service Education
1978 - 1979	Maple Avenue Hospital DuBois, PA	Head Nurse 27 Bed Surgery Unit
1977 - 1978	Presbyterian-University Hospital Hospital	Staff Nurse/Charge Nurse

RESEARCH

Current Funding

(2018) *Genomic Underpinnings for Breast Cancer Treatment Induced Nausea and Vomiting*.
NIH: National Institute of Nursing Research, 1RO1NR016695, Principal Investigator. 35% Effort
Total award \$1,306,428.

(2016) *Exploring the Effect of Nausea and Vomiting on Symptom Self-management in Women during Treatment for Breast Cancer*. Ruth Perkins Kuehn Research Award, University of Pittsburgh \$20,355.

Previous Funding

(2015) *Phenotyping Neoadjuvant Chemotherapy Induced Nausea and Vomiting*
University of Pittsburgh Central Development Research Fund, \$16,000.

(2014) *An Epigenetic Approach to Studying Nausea and Vomiting in Women following Breast Cancer Surgery – A Feasibility Project*. Funded by the University of Pittsburgh School of Nursing, Center for Research and Evaluation, Pilot/Feasibility Study Program. \$15,000.

(2013) *Exploration of Genes of the Dopamine Pathway and Postoperative Nausea and Vomiting in Women with Breast Cancer*. A Pilot Study funded by the University of Pittsburgh, School of Nursing, as part of the Genetics/Genomics HUB Award, Yvette Conley, Principal Investigator. \$8000.00

(2011). *Variability of Genes of the Serotonin Pathway and Postoperative Nausea and Vomiting in Women with Breast Cancer*. Funded by the Oncology Nursing Society Foundation, \$10,000.00

(2009). *The Association of mu-Opioid Receptor and CYP2D6 Genotypes and Postoperative Nausea and Vomiting*. Funded by Eta Chapter, Sigma Theta Tau. \$2,500.00

(2007, 2008) *Loaned Faculty Initiative*. Principal Investigator, Grant from the State of Pennsylvania, Workforce Investment Board to partner with the University of Pittsburgh for clinical faculty support. \$200,000.

(2006) *Effective Communication Strategies: Helping to Improve Co-Worker Relationships*. Co-investigator with Catherine M. Witsberger. Funded by the National Nursing Staff Development Organization. Direct Costs 1,000.

(1999 – 2001) *Welfare to Work Grant. Hospital Based Training*. Principal Investigator, pilot project funded by the city of Pittsburgh. Direct Costs, \$26,000.

(1989 - 1992) *Use of concealed and traditional delivery of oxygen*. 2R01 NR01086-04 competing continuation of R01 NR01086. National Center for Nursing Research. Project Director, 100% effort. Direct Costs: \$564,000. (L. A. Hoffman, R.N., Ph.D., Principal Investigator.)

(1985 -1988) *Nasal cannula & transtracheal delivery of oxygen* R01 NR01086 National Center for Nursing Research. Project Director, 100% effort. Direct Costs \$236,000. (L. A. Hoffman, RN, PhD, Principal Investigator).

HONORS and AWARDS

June 2020	Deans Distinguished Teaching Award University of Pittsburgh, PA
November, 2019	International Society of Nurses in Genetics President's Award
June, 2017	University of Pittsburgh Cancer Institute Junior Scholar Award in Population Sciences Cancer Research
September, 2016	Ruth Perkins Kuehn Research Award – University of Pittsburgh School of Nursing
September, 2015	Pennsylvania Nightingale Finalist Award for Academic Educator
May, 2012	University of Pittsburgh Postdoctoral Association Best of Show Poster Award.
May, 2011	Selected as one of 24 Nurse Scholars to attend the 2011 NIH Summer Genetics Institute, sponsored by the National Institute of Nursing Research.

- March, 2008 State of Pennsylvania Center for Health Careers Best Practice Award for the Loaned Faculty Initiative with the University of Pittsburgh School of Nursing.
- December, 2007 Josiah Macy Jr. Foundation Conference “Continuing Education in the Health Professions: Improving Healthcare through Lifelong Learning. One of seven nurses invited to participate in the three-day conference that examined the complex issues of continuing education in health care.
- March, 2000 Governor’s Achievement Award for a” Hospital Based Nursing Assistant Program for the state of Pennsylvania,” Welfare to Work Program.
- July, 1995 National winner for editorial excellence in the technical article category from the American Society of Business Press Editors for Tasota, F., & Wesmiller, S. (1994). Assessing ABG's. *Nursing94*, 24, 5, 34-46.
- December, 1990 Sigma Theta Tau Ruth Perkins Kuehn Doctoral Student Award Presented by Eta Chapter, Sigma Theta Tau for outstanding scholarship, leadership, professional ability and potential for professional contribution.
- December, 1982 Sigma Theta Tau, Nursing Honorary, Eta Chapter

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

- 2008 - Present **International Society of Nurses in Genetics (ISONG)**
President-Elect 2020-2021
 Director at Large (Elected Position) 2017- 2019
 Research Committee 2013 to present
Chair, 2013 – 2015
 Congress Planning Committee 2013 to present
Congress Chair 2017
 Congress Co-Chair 2016
Chair, First Regional ISONG Meeting, Pittsburgh PA. May, 2019
- 2009 - Present **American Nurses Association**
 Pennsylvania Nurses Association
- 2009 - Present **American Society for Perianesthesia Nurses**
 Research Committee
- 2010 - Present **Oncology Nursing Society**
 2019 Research Priorities Taskforce
 2014, 2017 Research Grant Review Team
 2013 Research Priorities Survey Project Team
 2012-present Putting Evidence into Practice (PEP): CINV Committee,
- 2017 – Present **Multinational Association of Supportive Care in Cancer**, member
 CINV Special Interest Group Member
- 1982 - Present **Sigma Theta Tau**

1988 - 1990	Secretary, Eta Chapter
1992 - 1995	Chair, Research Committee
2017 -	Undergraduate Counselor
1977 - Present	University of Pittsburgh, School of Nursing Alumni Association
1991 - 1993	Executive Board, Baccalaureate Representative
1994 - 1995	First Vice President
1995 - 1997	President and School of Nursing Representative to General Alumni Council
1997 - 1999	Past President, Bylaws Chair
1984 - 2004	American Thoracic Society
1990 - 1994	Program Committee, Nursing Assembly
1992 - 1993	Secretary, Nursing Assembly
1993 - 1995	Chair, Nursing Assembly Long Range Planning Committee

PUBLICATIONS

Peer Reviewed Articles * indicates data-based articles

- *Alsbrook, K., Dunwoody, C., Harpel, C., Hayden, A., Scott, P., & **Wesmiller, S.** (2021). Older Women and Opioid Analgesia Following Breast Cancer Surgery. *Pain Management Nursing*, Accepted for Publication, 12/14/2020.
- *Skrovanek, E., Dunbar-Jacob, J., Dunwoody, C. & **Wesmiller, S.** (2020). Integrative Review of Reproductive Decision Making of Women who are *BRCA* positive. *Journal of Obstetric, Gynecologic and Neonatal Nursing*. September 2020. Online ahead of print.
- Von Ah, D., Brown, C., Brown, S., Bryan, A., Davies, M., Dodd, M, Ferrell, B., Hammer, M., Knobf, M., Knoop, T., Lo-Biondo-Wood, G., Mayer, D., Miaskowski, C., Mitchell, S., Song, L., Watkins, D., **Wesmiller, S.** & Cooley, M. (2019). Research Agenda for the Oncology Nursing Society: 2019-2022. *Oncology Nursing Forum*,46(6), 654-669.
- *Wang, J., Conley, Y., Sereika, S., Bender, C. Godpole, P. & **Wesmiller, S.** (2019) Examining the Effect of 5-HTTLPR on Depressive Symptoms in Postmenopausal Women one year after Initial Breast Cancer Treatment. *Journal of Supportive Care in Cancer*; 27(2), 513-519. doi: 10.1007/s00520-018-4332-9.
- *Kudach, C., Dunwoody, C. & **Wesmiller S.** (2018) The Relationship of Age and Postoperative Pain in Women following Surgery for Breast Cancer. *Pain Management Nursing*; 19(4), 67-76.
- McCall, M., Stanfill, A., Skrovanek, E., Pforr, J., **Wesmiller, S.** & Conley, Y. (2018). Symptom Science: Omics Supports Common Biological Underpinnings across Symptoms. *Biological Research for Nursing*, 20(2), 83-191.
- ***Wesmiller, S.** Sereika, S., Bender, C., Ahrendt, G., Bonaventura, M, Bovbjerg, D. & Conley, Y. (2017). Exploring the Multifactorial Nature of Postoperative Nausea and Vomiting in Women Following Surgery for Breast Cancer. *Autonomic Neuroscience: Basic and Clinical*. 202-102-107.

- Odem-Forren, J. & **Wesmiller, S.** (2017). Managing Symptoms: Boosting Patients Self-Management Knowledge and Skills for Surgical Recovery. *Seminars in Oncology Nursing*, 33 (1), 52-60.
- ***Wesmiller, S.** Sereika, S., Conley, Y., Ahrendt, G., Bonaventura, M, Bovbjerg, D. & Bender, C. (2017). A prospective study of nausea and vomiting following surgery for breast cancer. *Journal of Perianesthesia Nursing*, 32(3):169-176.
- Dorman, J., Schmella, M., & **Wesmiller, S.** (2017). Primer in Genetics and Genomics, Article 1: DNA, Genes and Chromosomes. *Biological Research for Nursing*; 19(1), 7-17.
- *Hoffman, S., Kaufman, R, Ferrari, S., Alexander, S., Rosenzweig, M., **Wesmiller, S.** (2016). Beyond BRCA, Improving Oncology Advance Practice Providers' Knowledge of Pharmacogenomic Testing. *Journal of the Advanced Practitioner in Oncology*, 7(4), 34-38.
- ***Wesmiller, S.**, Bender, C., Sereika, S., Ahrendt, G., Bonaventura, M., Bovbjerg, D., & Conley, Y. (2014). The association of the serotonin transport gene and post discharge nausea and vomiting in women following breast cancer surgery. *Oncology Nursing Forum*, 41(2), 195-202. Doi:10.1188/14.ONF.195-202.
- *LoBiondo, G., Brown, C., Knobf, M., Lyon, D., Mallory, G., Mitchell, S., Von Ah, D., **Wesmiller, S.** & Fellman, B. (2014). Priorities for Oncology Nursing Research: The 2103 National Survey. *Oncology Nursing Forum*. 41(1):67-76. doi: 10.1188/14.ONF.67-76.
- ***Wesmiller, S.**, Henker, R., Sereika, S., Donovan, H., Meng, L., & Conley, Y. (2013). The association of CYP2D6 genotypes and postoperative nausea and vomiting in orthopedic trauma patients. *Biological Research for Nursing*, 15(4), 382-389. DOI: 10.1177/1099800412449181
- *Fero, L., Witsberger, C., **Wesmiller, S.**, Zullo, T., & Hoffman, L. (2008). Critical thinking ability of new graduate and experienced nurses. *Journal of Advanced Nursing*, 65(1), 139-148.
- Tasota, F., & **Wesmiller, S.** (1998). Keeping blood pH in Equilibrium. *Nursing98*, 24 (5), 34-46.
- ***Wesmiller, S.** & Hoffman, L. (1994). Evaluation of an Assistive Device for Ambulation in Oxygen Dependent Patients with COPD. *Journal of Cardiopulmonary Rehabilitation*, 14, 122-126.
- Tasota, F., & **Wesmiller, S.** (1994). ABG's: Together, What They & The Patient Tell The Nurse. *Nursing94*, 24(5), 34-46.
- *Scurba, F., Hoffman, L., **Wesmiller, S.**, et al. (1992). The Use of a Short Transtracheal Catheter I length in patients of small stature with restrictive lung Disease. *Chest*, 101(4) 1165-1167.
- Reinke, L., Hoffman, L. & **Wesmiller, S.** (1992). Transtracheal Oxygen Therapy: An Alternative Delivery Approach. *Perspectives in Respiratory Nursing*, 3(3), 1-5.
- *Hoffman, L., **Wesmiller, S.**, Scuirba, F., Johnson, J., Ferson, P., Zullo, T., Dauber, J. (1992). Nasal Cannula and Transtracheal Oxygen Delivery: A comparison of patient response following six months

use of each technique. *American Review of Respiratory Disease*, 145(4) 827-831.

Wesmiller, S. & Hoffman, L. (1992). Transtracheal Oxygen Tips. *Nursing*92, 22, 6, 8.

Hoffman, L., Reinke, L., **Wesmiller, S.** & Scuirba, F. (1992). Airway Obstruction by a Mucus Ball from a Transtracheal Oxygen Catheter. *Chest*, 101, 6, 1740-1741.

*Hoffman, L., Johnson, J., **Wesmiller, S.**, Scuirba, F., Mazzocco, M. & Dauber, J. (1990). Transtracheal Delivery of Oxygen: Efficacy and safety for long term continuous therapy. *Annals of Otolaryngology, Rhinology and Laryngology*, 100(2), 108-115.

***Wesmiller, S.**, Hoffman, L., Scuirba, F., Dauber, J., Johnson, J. & Ferson P. (1990). Exercise Tolerance during Nasal Cannula and Transtracheal Oxygen Delivery. *American Review of Respiratory Disease* 141(3), 789-793.

Lindell, K. & **Wesmiller, S.** (1989). Interpretation of Acid-Base Balance using ABG's. *Orthopaedic Nursing*, 8(3), 31-34.

*DeMello, D., Hoffman, L., **Wesmiller, S.**, Zullo, T. (1989). Smoking & attitudes toward smoking among clinical nurse specialists; critical care nurses and medical- surgical nurses. *Oncology Nursing Forum*, 16(6), 795-799.

Wesmiller, S. & Hoffman, L. (1989). The care of the patient using Transtracheal Oxygen Delivery. *Nursing*89, 19(9) 43-45.

Wesmiller, S. & Hoffman, L. (1989). Assessing your patient's oxygenation status. *Orthopaedic Nursing*, 8(6), 49-53.

Hoffman, L. & **Wesmiller, S.** (1988). Home oxygen: Transtracheal and other options. *American Journal of Nursing*, 88(4) 464-469.

Openbrier, D., Hoffman, L. & **Wesmiller, S.** (1988). Home oxygen therapy: Evaluation and prescription. *American Journal of Nursing*, 88(2), 192-197.

Hoffman, L., Dauber, J. & **Wesmiller, S.** (1987). Transtracheal oxygen delivery: When and How. *Focus, Quality Home Health Care*, 7(1), 6-8.

Wesmiller, S. (1987). Transtracheal Oxygen: The nose knows the difference. *American Journal of Nursing*, 4, 421-422.

Wesmiller, S. (1987). Lively interest and debate surround the issue of transtracheal oxygen at the World Congress on oxygen therapy and home care. *Respiratory Times*, 2, 4, 1-3.

Book Chapters

Stricker, C., & **Wesmiller, S.** (2015). Chemotherapy-induced Nausea and Vomiting. In: *A Guide to Oncology Symptom Management*, Ed. Brown, C. Pittsburgh, PA: Oncology Nursing Society.

Hoffman, L. & **Wesmiller, S.** (1991). Transtracheal Oxygen. *Portable Oxygen Therapy, including*

oxygen conserving devices. B. L. Tjep, Editor. Mt.Kisco, NY: Futura Publishing Company.

Published Abstracts

Rosenzweig, M., **Wesmiller, S.** Bender, C. (2016). Racial differential in pain and nausea during breast cancer chemotherapy. In: Proceedings of the Eighth AACR Conference on *the Science of Health Disparities in Racial/Ethnic Minorities and the Medically Underserved*; Nov 13-16, 2015;

Wesmiller, S. Conley, Y. Sereika, S. Henker, R., & Bender, C., (2013). Serotonin Transport Gene Polymorphisms and Nausea and Vomiting In Women with Breast Cancer Following Surgery and Before Adjuvant Therapy. *Oncology Nursing Forum* 40 (6), E456.

Wesmiller, S., Henker, R., Sereika, S., Ling, M., Donovan, H. & Conley, Y. (2012). The Genetics of Postoperative Nausea and Vomiting. *Journal of PeriAnesthesia Nursing*, 27(3): e40.

PRESENTATIONS

International

Miaskowski, C., **Wesmiller, S.**, Davies, M., & Hammer, M. (2020). Panel presentation titled: "What's Next? Advancing Oncology Symptom Science Research." The Bridge: Oncology Nursing Society Annual Conference. Originally scheduled for San Antonio Texas, held virtually due to pandemic.

Wesmiller, S. Sereika, S., Bender, C., Skrovaneck, E. & Conley, Y. (2019). The Association of Polymorphisms Identified as Common Data Elements with Symptoms Experienced by Women with Breast Cancer. 2019 annual meeting of the *International Society for Nurses in Genetics*, San Antonio, Texas.

Wesmiller, S., Conley, Y., Wang, J., Sereika, S., Bender, C. (2018). Examining the Effect of the Serotonin Transport Gene Polymorphism 5-HTTLPR on Depressive Symptoms in Postmenopausal Women for One Year after Treatment for Breast Cancer. Podium presentation at the 2018 annual meeting of the *International Society for Nurses in Genetics*, Orlando, Florida.

Wesmiller, S., Schmella, M. & Dorman, J. (August, 2016) Using the Scholarship of Teaching and Learning Approach to Redesign an Undergraduate Genetics and Genomics Course for Nursing Students. 2016 annual meeting of the *International Society for Nurses in Genetics*, Dublin, Ireland.

Wesmiller, S. Bender, C., Sereika, S., Ahrendt, G., Bonaventura, M., Bovberg, D., & Conley, Y. (November, 2015). Postoperative nausea among women: A genetic analysis of selected polymorphisms of genes of the emetic pathway. A podium presentation at the 2015 annual meeting of the *International Society for Nurses in Genetics*, Pittsburgh, PA.

Hoffman, S. Kaufman, R, Ferrari, S., Alexander, S., Rosenzweig, M., **Wesmiller, S.** (November, 2015). Beyond BRCA, Improving Oncology Advance Practice Providers' Knowledge of Pharmacogenomic Testing. 2015 annual meeting of the *International Society for Nurses in Genetics*, Pittsburgh, PA. .

Wesmiller, S. (November, 2014) Symptoms of Science: Nausea and Vomiting. Invited presentation, 2014 annual meeting of the *International Society for Nurses in Genetics*, Scottsdale, Arizona.

Wesmiller, S., Conley, Y., Sereika, S. (October, 2012). The Association of an ECCR2 genotype and

cognitive function in Postmenopausal Women with early Stage Breast Cancer Prior to Initiation of Adjuvant Therapy. Podium Presentation at the 2012 annual meeting of the *International Society for Nurses in Genetics*, Philadelphia, PA.

Wesmiller, S., Sereika, S., Henker, R., Donovan, H., Meng, L., Conley, Y. (October, 2011) The Association of CYP2D6 and Postoperative Nausea and Vomiting in Postoperative Trauma Patients. Presented at the 2011 annual meeting of the *International Society for Nurses in Genetics*, Montreal, Canada.

Wesmiller, S., Henker, R., Sereika, S., Meng, L., Gruen, G., Tarkin, I., Conley, Y. (October, 2009). The association between μ -opioid receptor genotypes and nausea in orthopedic trauma patients. Presentation at the annual meeting of the *International Society for Nurses in Genetics (ISONG)*, San Diego, CA.

Wesmiller, S & Hoffman, L. (February, 1987). Subcutaneous emphysema following transtracheal catheter - A report of four cases. *World Congress on Oxygen Therapy & Home Care*, Denver, CO.

National

Skrovanek, E., Dunbar-Jacob, J. & **Wesmiller, S.** (September, 2018). Reproductive Decision Making in Women who are BRCA Positive. Podium presentation at the *Council for the Advancement of Nursing Science (CANS)* Conference, Washington, DC.

Wesmiller, S. (June, 2017). Genomic Predictors of Treatment Induced Nausea and Vomiting. *Annual Scientific Retreat, University of Pittsburgh Cancer Institute*. Pittsburgh, PA.

Kudach, C., Henker, R., & **Wesmiller, S.** (April, 2017). The Influence of Individual Factors and Common Variants of catechol-O-methyltransferase on Symptoms Experienced by Postoperative Orthopedic Patients. Podium presentation at the 2017 *National Conference for Undergraduate Research*, Memphis, Tenn.

Wesmiller, S., Sereika, S., Bender, C & Conley, Y. (September, 2016) Exploring the Individual Variation of Treatment Induced Nausea in Women with Breast Cancer. Podium presentation at the *Council for the Advancement of Nursing Science (CANS)* Conference, Washington, DC.

Rosenzweig, M., **Wesmiller, S.** Bender, C. (October, 2015). Racial differential in pain and nausea during breast cancer chemotherapy. *Eighth AACR Conference on the Science of Health Disparities in Racial/Ethnic Minorities and the Medically Underserved*; Nov 13-16, 2015; Atlanta, GA. Philadelphia (PA): AACR; *Cancer Epidemiol Biomarkers Prev* 2016; 25(3 Suppl): Abstract C11.

Wesmiller, S., Mathis, H., Bender, C., Sereika, S., Ahrendt, G., Bonaventura, M., Bovberg, D., & Conley, Y (October, 2015). Presented at *Biology and Control of Nausea and Vomiting 2015*. Pittsburgh, PA. The second NIH Funded Conference to bring together researchers involved with nausea and vomiting. Pittsburgh PA.

Kudach, C. & **Wesmiller, S.** (April, 2016). The Relationship of Age to Postoperative Symptoms in Women following surgery for Breast Cancer. Presentation at the 2016 *National Conference for Undergraduate Research*, University of North Carolina, Asheville, NC.

Wesmiller, S., Conley, Y., Sereika, S, Ahrendt, G; Bonaventura, M., Bovbjerg, D., & Bender, C. A (September, 2014) Prospective Study of the Variability of Genes of the Serotonin Pathway and

Postoperative Nausea and Vomiting in Women with Breast Cancer. Podium presentation at the *Council for the Advancement of Nursing Science (CANS) Conference*, Washington, DC.

Wesmiller, S., Conley, Y., Sereika, S, Ahrendt, G; Bonaventura, M., Bovbjerg, D., & Bender, C. A. (November, 2013). Prospective Study of the Variability of Genes of the Serotonin Pathway and Postoperative Nausea and Vomiting in Women with Breast Cancer. Podium presentation at the annual research meeting of the *Oncology Nursing Society, Connections*. Dallas, Texas.

Wesmiller, S., Conley, Y., Sereika, S. Bender, C. (October, 2013). Serotonin Transport Gene Polymorphisms and Nausea and Vomiting in Women with Breast Cancer Following Surgery and Before Adjuvant Therapy. Poster presentation at the *Council for the Advancement of Nursing Science (CANS) Conference*, Washington, DC.

Wesmiller, S., Conley, Y., Sereika, S., Ahrendt, G., Bovbjerg, D., Bonaventura, M., & Bender, C. (October, 2013). Postoperative nausea and vomiting among women with breast cancer: A genetic analysis of selected polymorphisms of genes of the serotonin pathway. Presented at *Biology and Control of Nausea and Vomiting 2013*. Pittsburgh, PA. An NIH Funded Conference to bring together researchers involved with nausea and vomiting.

Wesmiller, S., Conley, Y., Sereika, S. Bender, C. (November, 2012). Serotonin Transport Gene Polymorphism and Nausea and Vomiting in Women with Breast Cancer Following Surgery and Before Adjuvant Therapy. Podium presentation at the *Oncology Nursing Society Connections Research Conference*. Phoenix, AZ.

Wesmiller, S., Henker, R., Sereika, S., Donovan, H., Meng, L. & Conley, Y. (2012). The Genetics of Postoperative Nausea and Vomiting. *Journal of PeriAnesthesia Nursing*, 27(3), e40. DOI:10.1016/j.jopan.2012.04.014 Podium presentation at the 2012 meeting of the *American Society for PeriAnesthesia Nursing*, Orlando, Florida.

Wesmiller, S., Sereika, S., Henker, R., Meng, L., Gruen, G., Tarkin, I., Pape, H., Conley, Y. The Association of *CYP2D6* and PONV in Postoperative Trauma Patients. (October, 2010) Podium presentation at *Council for the Advancement of Nursing Science, 2010 National State of the Science Congress on Nursing Research*, Washington, D.C.

Henker, R., **Wesmiller, S.**, Brown, A., Sereika, S. Meng, L., Gruen, G., Tarkin, I., Pape, H., Conley, Y. (September, 2007). The association between μ opioid receptor genotypes and nausea in orthopedic trauma patients. Paper presented at Council for the Advancement of Nursing Science, 2008 National State of the Science Congress on Nursing Research, Washington, D.C.

Wesmiller, S. & Feiler, C. Using Technology in Nursing Education. Two hour workshop presented at the 2007 *National Nursing Staff Development Organization* annual meeting. Atlanta. Georgia.

Shearn, D. & **Wesmiller, S.** (2004). True Collaborative Practice - Pulling Together Resources from Service and Academia to Support Hospital Wide Initiatives. Presentation at the 2004 *Organization of Nurse Executives Annual Meeting*, Las Vegas, Nevada. Blue Ribbon Award.

Wesmiller, S. (March, 1993). Alternative methods of oxygen delivery: What your patient needs to know. *Annual Meeting of the Respiratory Nurses Society*, Chicago, Ill.

Wesmiller, S., Hoffman, L. (May, 1992). Evaluation of a Device to Assist Ambulation in Oxygen Dependent Patients with COPD. Annual meeting of the *American Thoracic Society*, Miami, Florida.

Wesmiller, S., Zullo, T. & Hoffman, L. (November, 1991). Evaluation of a Device to Assist Ambulation

in Oxygen Dependent Patients with COPD. Annual meeting of the *American Association of Cardiovascular Pulmonary Rehabilitation*. Long Beach, CA.

Hoffman, L., **Wesmiller, S.**, Zullo, T., Ferson, P., Johnson, J. & Scuriba, F. (May, 1991). Quality of Life in COPD Patients using Transtracheal Oxygen: A Qualitative Study. *American Thoracic Society*, Anaheim, CA.

Wesmiller, S., Zullo, T. & Hoffman, L. (November, 1990). Wheelchair Support during Twelve Minute Walk Test in Patients with COPD. Annual meeting, *American Association of Cardiovascular Pulmonary Rehabilitation*. Dallas, Texas.

Wesmiller, S., Scuriba, Zullo, T. & Hoffman, L (May, 1988). Twelve minute walk distance during nasal cannula and transtracheal oxygen delivery. Research presentation. Annual meeting, *American Thoracic Society*, Las Vegas, NV.

Wesmiller, S., Zullo, T., Scuriba, F., & Hoffman, L. (May, 1987). Exercise tolerance during nasal cannula and transtracheal oxygen administration. Research presentation. Annual meeting, American Thoracic Society, New Orleans, LA.

Wesmiller, S. (May, 1985). Coping with Lung Cancer. Sunrise Seminar, Annual Meeting, American Thoracic Society, Anaheim, CA.

Wesmiller, S., Vevaro, P., Zullo, T. & Hoffman, L. (May, 1984). Changes in patients' performance status and self-care ability following thoracotomy for bronchogenic carcinoma. Research presentation. Annual meeting, *American Thoracic Society*, Miami, FL.

Regional

(March, 2016). The Relationship of Age to Postoperative Symptoms in Women following surgery for Breast Cancer. Sigma Theta Tau, Eta Chapter, Scholar Days. Presentation with Christina Kudach.

(November, 2015) Annual UPCI Womens Cancer Research Center Scientific Retreat, Nemaconlin, PA. Serotonin transport gene polymorphisms and nausea and vomiting in women with breast cancer following surgery and prior to adjuvant therapy.

(June, 2013). Serotonin transport gene polymorphisms and nausea and vomiting in women with breast cancer following surgery and prior to adjuvant therapy. Annual UPCI Scientific Retreat, Pittsburgh PA.

(March, 2008) Loaned Faculty Initiative. Pa Center for Health Careers first annual conference. Redefining Excellence. Presented with Helen Burns, RN, PhD. Hershey, PA.

(November, 2001). Integrating Educational programs across a Health System. Duke and University of North Carolina sponsored Conference on Excellence in Staff Development. Raleigh, NC. Presentation with Constance Feiler.

(September, 2000). Development of a Successful Welfare to Work Program. Commonwealth of Pennsylvania, Annual Welfare Program Meeting, Harrisburg, PA.

(September, 1996). The effects of Managed Care on the Advanced Practice Nurse. New Jersey & Pennsylvania Thoracic Societies Annual Meeting. Philadelphia, PA.

(September, 1994). Pulmonary Rehabilitation. Annual Meeting Scientific Session of the Pennsylvania Thoracic Society. Philadelphia, PA.

(Nov. 1993). Decision Making in Patients who chose to Participate in Clinical Trials. Qualitative Nursing Research Substance and Form. Sponsored by: Alpha Nu Chapter, Sigma Theta Tau, International and the College of Nursing, Villanova University. (With L. Dudjak & K. Sekula).

SCHOLARLY ACTIVITIES

2019 – Present	Ad Hoc Reviewer for the NIH Nursing and Related Clinical Sciences Study Section (NRCS). Meetings: October 30-31, 2019 March 2-3, 2020
2012 - Present	Reviewer for the <i>Journal of PeriAnesthesia Nurses</i>
2015 – Present	Reviewer for <i>Biological Research in Nursing</i>
2015 – Present	Reviewer for <i>Oncology Nursing Forum</i>
2016 – Present	Reviewer for PLOS Guest Editor for "Effects of palonosetron for prophylaxis of postoperative nausea and vomiting in high-risk patients undergoing total knee arthroplasty: A prospective, randomized, double-blind, placebo-controlled study."
2008 - 2018	Reviewer for the <i>Journal of Continuing Education in Nursing</i>
2014- 2016	Planning Committee for two International Conferences on the Biology of Nausea and Vomiting, NIH funded and sponsored by the University of Pittsburgh Cancer Institute.
2006 - 2011	Workforce Investment Board, Department of Labor and Industry, State of PA Clinical Education Committee
2003 - 2011	University of Pittsburgh Institutional Review Board
2007 - 2009	Lifelong Learning in Medicine and Nursing Initiative – An extension of the Josiah Macy Foundation Continuing Education in the Health Professions: Improving Healthcare through Lifelong Learning. This National Committee met annually to focus on integrating continuing education in the health sciences.

ACADEMIC TEACHING ACTIVITIES

Current Teaching Responsibilities			
Course Title	Years	Number of Students	Primary Teacher
NUR 0067 Introduction to Nursing Research	1992-2001 2017- Present	70-100/Term	Yes
NUR 1680 Introduction to Human and Molecular Genetics	2014- Present	100 /Term	Yes
NUR 2680 Introduction to Genetics for Advanced Practice Nurses	2019- Present	55/ Term	Yes
NUR 2680A Online Version of NUR2680	2019- Present	Max 20 Term	Yes
NUR 2681 Advanced Topics in Human Genetics	2015 to Present Offered every other year	6-12	No Yvette Conley, PhD
NUR 1635 Ethics in Nursing	2016- Present	50 /Term (Offered each Term)	No Guest Lecture for Ethics of Genetics Chris Imes, PhD
Previous Courses Where I was the Primary Teacher			
NUR 1635 Ethics in Nursing	2013-2016	50/Term	Yes
NUR 0082/1282 Medical Surgical	2010-2011	120/Term	Yes

Nursing			
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UNIVERSITY SERVICE

Current University Committees

2016- Present Member, University Senate Student Admissions, Aid and Affairs Committee.

Current School of Nursing Committees

2011 - Present BSN Council
2017 - Present PhD Council
2018 - Present PhD Curriculum Committee
2018 - Present Research Curriculum Task Force
2017 - Present Faculty Advisor, Student Nurses Association of the University of Pittsburgh

COMMUNITY ACTIVITIES

Panel Participant, Women's Empowerment Week Professional Panel 2018
Sponsored by the University of Pittsburgh Office of Career Development
March 29, 2018

Volunteer, Alzheimer's Association
Walk to End Alzheimer's disease; team leader of top fund raising team
Clarion County Walk, October 5, 2017, Team leader again for 2018
Walker 2019, 2020 (virtual, but team was second place in fund raising!)

Community Lecture Series on Understanding Genetics
Sponsored by the Mt. Lebanon United Methodist Church
January, February and March, 2017
September 22 and 29, 2019
January 14 and 21, 2021

Invited Lecturer for Stephen Ministries of Monroeville
Basics of Genetics
October 3, 2019
Murrysville, PA

UPMC Hamot, Research Day
Keynote Speaker "Genetics of Postoperative Symptoms"
April, 22, 2016

Breast Cancer Research Advocacy (bcRAN)
UPCI/MWRI
Boot Camp
Volunteer speaker, Spring, 2016

United Way of Allegheny County

Chairman, UPMC Presbyterian Internal Campaign 2003, 2004, 2005

Committee member, 2006-2008

Member, Women's Leadership Initiative 2000 to present.

Pitt Women's Leadership Council – Serving meals at Bethlehem Haven, Pittsburgh, PA.

Western Pennsylvania United Methodist Foundation – Board Member, 2004-present

Vice Chair – 2008 – 2010

Chairperson 2010 – 2012

Past Chair and Chair of Compensation Committee, 2012 - 2015

Mt. Lebanon United Methodist Church 1980 – present

Parrish Nursing Committee