



ISONG Nomination Form Candidate Overview 2017

Name: Catherine Read

Degrees/Credentials: PhD, RN

Board Position: President-Elect

Please provide a personal statement of interest (maximum 400 words) for inclusion in the ballot information. You should include comments on the following areas:

- Your involvement in, and service to, ISONG, including any leadership roles
- Background information you want the membership to know about you in relation to your interest/involvement in genetics education, research and practice
- Reasons why you are interested in serving on the ISONG Board.

Twenty years ago this October I attended my first ISONG annual conference, a transformative experience that shaped many aspects of my career. I have been an active ISONG member since that time and have had the privilege of getting to know many of its members. It would be an honor to serve as ISONG's next President-elect.

I have participated in several ISONG and genetic nursing endeavors over the years. I was a portfolio score team member for the Genetic Nurse Credentialing Committee and a member of the editorial board for the NIH Genetics/Genomics Competency Center (G2C2). As a member and co-chair of the ISONG Education Committee, I helped spearhead the webinar initiative in its early days and have continued to serve as a nurse planner for this important activity. As the ISONG Secretary for the past two years, I have become much more knowledgeable about the inner workings of the organization and gotten to know our amazing administrative staff. I have diligently completed the responsibilities of the Secretary, which include recording the minutes of monthly Board meetings, communicating highlights to the membership in our monthly eUpdates, and participating in discussions and decisions about strategic initiatives. Throughout my term, I have also served as the Board's liaison to the Ethics and Public Policy Committee and as an abstract reviewer for the Congress Committee.

I have been on the faculty at the Connell School of Nursing at Boston College since 2001, where I am a tenured associate professor teaching adult health, advanced pathophysiology, and topics in genetics. I have authored numerous publications and presentations on the genomic literacy of nursing students and faculty, the integration of genetics/genomics into nursing curricula, biological principles in genomics, psychological adaptation to genetic information, and reproductive decision-making. Communicating the importance of genomics to nurses and nursing students is something I strive to achieve and from which I derive great satisfaction.

I believe that ISONG is a strong voice for nurses in practice, research, and education as well as for clients with genetic concerns. Since its incorporation in 1988, visionary leaders have ensured that ISONG evolves in response to rapidly changing scientific, professional, and social trends. As President-elect, I would actively seek creative and innovative ways to continue that progress, and I would sincerely appreciate your vote!

Catherine Yetter Read, PhD, RN

EDUCATION:

- 2001 Ph.D. Nursing and Health Promotion
University of Massachusetts Lowell
Specialty study areas: genetics, quantitative research methodologies
- 1988 M.S.N. Nursing, Salem (MA) State College
Specialty Tracts: Adult Acute Care, Education
- 1979 M.S. Physiology, University of Illinois Urbana
Research Area: Cardiovascular Physiology
- 1976 B.S.N. Nursing, University of Illinois Chicago

LICENSURE: 1980 – present: Massachusetts Registered Nurse (RN) 148877

EXPERIENCE:

- 2001 – present Boston College William. F. Connell School of Nursing, Chestnut Hill, MA
6/2006-present: Associate Professor (tenured), Adult Health
7/2009-present: Director, Keys to Inclusive Leadership in Nursing Program
6/2005-7/2014: Associate Dean, Undergraduate Program
8/2001-6/2006: Assistant Professor, Adult Health
- 1980-2001 Instructor for four Massachusetts nursing schools, teaching both theory and clinical courses in medical-surgical and parent-child nursing, nursing leadership, and pathophysiology.
- 1976-1990 Staff nurse in Illinois and Massachusetts hospitals in a variety of medical-surgical and critical care areas.

PROFESSIONAL SOCIETIES:

- 1997- present International Society of Nurses in Genetics: member since 1997; Secretary 2015-2017; Education Committee (member 2000-present; co-chair 2010-2013); webinar developer 2014-present.
- 2001-present Sigma Theta Tau, Alpha Chi chapter (member)

SELECTED (GENETIC-RELATED) PUBLICATIONS (*original research):

Read, C. Y. (2017). Explaining human diversity: the role of DNA. *Biological Research for Nursing*, 19(3), 350-356.

Read, C.Y., Ricciardi, C. E., Gruhl, A., Williams, L., Vandiver, K. M. (2016) Building genetic competence through partnerships and interactive models. *Journal of Nursing Education*, 55(5), 300-303.

*Read, C. Y., & Ward, L. D. (2016). Faculty performance on the Genomic Nursing Concept Inventory. *Journal of Nursing Scholarship*, 48(1), 5-13.

- Lea, D.H., Skirton, H., Read, C.Y., & Williams, J.K. (2011). Educating the next generation of nurses on genetics and genomics in the 21st century. *Journal of Nursing Scholarship*, 43(1), 3-12.
- Underwood, P. C., and Read, C.Y. (2008). Genetic association studies in nursing practice and scholarship. *Journal of Nursing Scholarship*, 40(3), 212-218.
- Read, C.Y., Green, R.C., & Smyer, M.A. (Eds.). (2008). *Aging, Biotechnology, & the Future*. Baltimore, MD: Johns Hopkins University Press.
- Read, C. Y., & Charbonneau, R. M. (2004). Phenylketonuria. In P.L. Jackson Allen & J.A. Vessey (Eds.), *Primary care of the child with a chronic condition* (4th ed., pp. 667-681). St. Louis: C.V. Mosby.
- *Read, C.Y., Perry, D.J. & Duffy, M.E. (2005). Design and psychometric evaluation of the Psychological Adaptation to Genetic Information Scale, *Journal of Nursing Scholarship*, 37(3), 203-208.
- *Read, C.Y. (2004). Using the Impact of Event Scale to evaluate the psychological response to being a phenylketonuria gene carrier. *Journal of Genetic Counseling*, 13(3), 207-219.
- *Read, C.Y., Dylis, A.M., Mott, S.R., & Fairchild, N. (2004). Promoting integration of genetics core competencies into entry-level nursing curricula. *Journal of Nursing Education*, 43(8), 376-380.
- *Read, C. Y. (2003). The demands of biochemical genetic disorders: A survey of mothers of children with mitochondrial disease or phenylketonuria. *Journal of Pediatric Nursing*, 18(3), 181-186.
- Read, C. Y. (2002). Pharmacogenomics: An evolving paradigm for drug therapy. *MEDSURG Nursing: The Journal of Adult Health*, 11(3), 122-124
- *Read, C. Y. (2002). Reproductive decisions of parents of children with metabolic disorders. *Clinical Genetics*, 61(4), 268-276.
- Anderson, G., Read, C.Y., & Monsen, R.B. (2000). Genetics, nursing and public policy: Setting an international agenda. *Policy, Politics and Nursing Practice*, 1(4), 245-255.
- Read, C. Y. & Calnan, R. (2000). Mitochondrial disease: Beyond etiology unknown. *Journal of Pediatric Nursing*, 15(4), 232-241.
- Read, C. Y. (2001). The human genome: Book of life or map to nowhere? *Nursing Spectrum*, 5(18NE), 9.
- Read, C. Y. & Calnan, R. (1999). Learning the language of genetics and metabolism. *Nursing Spectrum*, 3(7), 20.

Professional (genetics-related) service:

2014-2016 NHGRI, Special projects consultation, genomic education for health professionals
2014-2017 ISONG-Review of submissions for annual world congresses
2004-2013 Genetic Nurse Credentialing Committee, Portfolio Score Team member
2010 NHGRI, Competency Review Panel: The Essentials of Genetic and Genomic Nursing: Competencies, Curricula Guidelines, and Outcome Indicators, 2nd edition.
2008-2009 NHGRI, Genomics Repository Advisory Committee
2009 NIH Panel member: Faculty Champions in Genetics and Genomics
2008 NIH Panel member: Development of a toolkit for nurse educators on genomics



ISONG Nomination Form Candidate Overview 2017

Name: Kimberly Subasic

Degrees/Credentials: PhD, MS, RN

Board Position: President

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- Background information you want the membership to know about you in relation to your interest/involvement in genetics education, research and practice
- Reasons why you are interested in serving on the ISONG Board.

I have been an active member of ISONG upon joining in 2009. My interest in ISONG is due to the collective depth of knowledge within our members. I am continually intrigued that the members of ISONG represent such a collaborative network of researchers, policy writers, practitioners, and educators with a shared interest in genetics. The uniqueness of this group is that we are learning directly from one another, collectively trying to change practice, and increasing the awareness of genetics and genomics. I believe in the power of the members of ISONG to continue moving genetics and genomics to the forefront of healthcare.

My personal activity as it relates to genetics is primarily in nursing education. I teach undergraduate and graduate nursing students. I continually strive to learn more about genetics so that I can share this knowledge with students and colleagues. My area of research focuses on the qualitative aspect of living with hypertrophic cardiomyopathy. In addition, I serve on the advisory board for the Geisinger Genomic Return of Results Clinical Oversight Committee, which oversees the My Code Community Health Initiative, a research endeavor aimed at exome sequencing for 250,000 participants. At this time, more than 100,000 samples have been collected and actionable results have been shared with the participants and their primary care providers.

I have been active in various committees in ISONG: Pre-conference co-chair (2011), Abstract Committee co-chair (2012), Communications co-chair (2013 -2014), and the Congress Co-chair (2015 and 2016). My involvement in developing and organizing the annual Congress, the coordination of Congress committees, attainment of guest speakers, and working within the budget for the Congress are representative of my commitment and dedication to ISONG, and my leadership ability.

I have chosen to run for the position of President of ISONG. I am interested to serve as president of ISONG because I believe in our mission. If elected, I promise that I will act on behalf of the members of ISONG and strive to meet our goals of sustaining a global community, promoting leadership, and integrating genetics and genomics in research, practice, and education.

Kimberly Subasic PhD, MS, RN
University of Scranton, Scranton, PA 18510
Associate Professor

EDUCATIONAL DEGREES

PhD - Saint Louis University, St. Louis, MO

MS - Nurse Educator subspecialty, University of Massachusetts, Worcester, MA

BSN - Saint Francis University, Loretto, PA

ADDITIONAL EDUCATION SPECIFIC TO GENETICS

Summer Genetics Institute, National Institute of Nursing Research, National Institutes of Health, Bethesda, MD, (2013).

Web Based Genetics Institute, Cincinnati Children's Hospital Medical Center (2013)

Applying Genomics to Nursing Practice, Cincinnati Children's Hospital Medical Center, Genetics Education Program for Nurses (2010)

Faculty Champion in Genetics and Genomics, National Institutes of Health, Bethesda, MD (2009)

EMPLOYMENT IN HIGHER EDUCATION

University of Scranton, Scranton, PA (2005 – present)

York College, York, PA (2003 -2005)

Messiah College, Grantham, PA (2004 – 2005: Adjunct clinical faculty)

CLINICAL PRACTICE

Volunteer at the Leahy Health Clinic for the Uninsured, Scranton, PA (2012 – present)

Medical-Surgical Nursing: Penn State Milton S. Hershey Medical Center, Hershey, PA (2003 – 2005)

Research assistant: Health Policy and Research Center, Worcester, MA (2001 – 2002)

Geriatric Nursing: Maplewood Manor, Ballston Spa, NY (1995 – 2000)

Home care nursing: Eddy Nursing Services, Cohoes, NY (1995 – 1997)

Trauma Surgical nursing: York Hospital, York, PA (1989 – 1994)

Cardiac and Dialysis nursing: Washington County Hospital, Hagerstown, MD (1987 – 1989)

Medical- Surgical nursing, per diem: War Memorial Hospital, Berkeley Springs, WV (1987 – 1989)

PUBLICATIONS

Subasic, K. (2013). Hypertrophic Cardiomyopathy. Nursing Clinics of North America: Genomics, 48, 571-584. Editor, Stephen D. Kraus. <http://dx.doi.org/10.1016/j.cnur.2013.09.001>

Subasic, K. (2013). Living with Hypertrophic Cardiomyopathy. Journal of Nursing Scholarship, 45(4), 1-9. doi:10.1111/jnu.12040

Subasic, K. (2012). Living with Hypertrophic Cardiomyopathy (Dissertation). ProQuest Database.

Subasic, K. (2010). Athletes at risk for sudden cardiac death. *Journal of School Nursing*, 26, 275-279. doi:10.1177/1059840509353323

Subasic, K. (2010). What you need to know about the Genetic Information Nondiscrimination Act [Abstract]. *Nursing and Health Sciences*, 12, 277. doi: 10.1111/j.1442-2018.2010.00527.x

Domino, F. (Ed.). (2008). The 5-Minute Clinical Consult 2008. Chapter Update: Diabetic Polyneuropathy. Philadelphia: Lippincott, Williams & Wilkins.

Subasic, K. (2007). The Contributions of a Nursing Student: Priceless. *Nursing Education Perspectives National League for Nursing*, 28(3), 170.

BOOK CONTRIBUTOR

Capriotti, T. & Frizzell, A.P. (2016). Pathophysiology: Introductory Concepts and Clinical Perspectives. Disorders of the Esophagus, Stomach and Small Intestine. Philadelphia, F.A. Davis.

Brunner and Suddarth's Textbook of Medical –Surgical Nursing (14th ed. in press) Overview of Genetics and Genomics in Nursing (update and revision of the chapter). Philadelphia, Lippincott, Williams & Wilkins.

ADVISORY BOARD

Geisinger Health System. The Geisinger Genomic Return of Results Clinical Oversight Committee (2014- present)

INVITED SPEAKER

Hypertrophic Cardiomyopathy: Case Study presentation. Genomics: What Every Health Care Professional Needs to Know. The Commonwealth Medical College. Scranton, PA, Nov 2015.

Living with Hypertrophic Cardiomyopathy. In *Our Genes: Living with Inherited Heart Disease*. Stanford Hospital & Cardiology Clinics, San Francisco, CA, Oct 2013.

Incorporating Genetics and Genomics into Nursing. Moravian College, Bethlehem, PA, April 2012.

NEPA Nursing Education Consortium Conference: Incorporating Informatics, Genetics / Genomics & QSEN Competencies into Nursing Curriculum. Incorporating Genetics /Genomics into the Nursing Curriculum. Misericordia University, Dallas, PA. October 2011.

ORAL PRESENTATIONS

An East Coast - West Coast Perspective of Living with Hypertrophic Cardiomyopathy. International Society of Nurses in Genetics. Pittsburgh, PA. Nov. 2015.

Novel Approaches: Diving Into the Gene Pool Newsletters. Faculty Champion Realization Meeting 2010. National Institutes of Health. Bethesda, MD, 2010.

Equity of Access to Genetic Services. 23rd Annual ISONG (International Society of Nurses in Genetics) Conference. Ethics at the Interface between Genomics and Health. Dallas, TX, 2010.

What you need to know about the Genetic Information Nondiscrimination Act. 22nd Annual ISONG Conference. Genomic Pipeline: From Bench to Practice. San Diego, CA, 2009.

POSTER PRESENTATIONS

Bridging the Conversation of Genetics among Healthcare Students and Educators Using an Interprofessional Educational Experience. 2014 International Society of Nurses in Genetics (ISONG) Conference. World Congress on Nursing and Genomics. (Nov 2014).

Living with an Implantable Cardioverter Defibrillator. 20th Annual Qualitative Health Research Conference. Learning from the Past: leading for the Future. October 2014.

Living with Hypertrophic Cardiomyopathy. Midwest Nursing Research Conference. Living Well with Chronic Conditions: Implications for Nursing Science. March 2013.

Advancing Genetic and Genomic Knowledge through Newsletters. NCHPEG (National Coalition for Health Professional Education in Genetics) 14th Annual Meeting. Strategies for Evidence-Based Education in Genetics. Bethesda, MD, Sept 2011.

Embracing Change One Newsletter at a Time. 23rd Annual ISONG Conference. Dallas, TX, Oct. 2010.



ISONG Nomination Form Candidate Overview 2017

Name: Jennifer R. Dungan

Degrees/Credentials: BSN, MSN, PhD (Credentials listed as PhD, RN)

Board Position: Secretary

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- Reasons why you are interested in serving on the ISONG Board.

I am a cardiovascular genetics nurse scientist and Assistant Professor at Duke University's School of Nursing, where I focus on my funded research and lead our genomics curricula and education initiatives. I joined ISONG after completing the NIH Summer Genetics Institute in 2003 and have presented posters and podiums at our Congresses. I have recently become more active in my service to ISONG as the Co-Chair for the Education Committee since 2014 (2 terms). In this role, I have worked with Co-Chairs, Sandy Daack-Hirsch and Jennifer Sanner to facilitate yearly goals that are set and achieved together with the dedicated members of the Education Committee. I have brought dynamic leadership to this committee by promoting a vision in which ISONG is a premier, trusted resource for high-quality, contemporary genomics education for the training of nursing students, practicing nurses, and nurse scientists. I have helped set higher goals for the Education Committee and have dedicated my effort and enthusiasm to work with our members to achieve these goals. In the past 3 years, we have: increased the number of annual webinars offered; improved the efficiency of webinar planning and delivery; pursued webinar sponsorship from corporate and university sponsors; submitted a comprehensive business proposal to the Board of Directors for implementing contemporary webinar marketing and advertising strategies; and, have developed and pursued new partnerships with other organizations like the Hereditary Colorectal Cancer Foundation to share our member networks/access, and with the American Society of Human Genetics and to collaborate on future joint education initiatives. With continued efforts, I believe we are well on our way to expanding educational products in ways that will truly set ISONG apart and highlight the exceptional expertise and resources that we have to offer. In my experience as Education Co-Chair, and in looking forward, I am seeing potential for ISONG to accelerate our ideas and activities by having more cross-committee coordination and collaboration. I believe the Secretary role is ideal for helping to facilitate this and that is why I am running for the Secretary position. I hope to contribute my skills and ideas to this role in a way that helps to further the mission and vision of ISONG. I intend to remain an active member of the Education committee. I hope to have the chance to serve at the Board level in the coming year and I appreciate your vote.

Jennifer R. Dungan, PhD, RN

Abbreviated Curriculum Vitae

EDUCATION

College	University of Florida	1997-2001	BSN, Cum Laude
Graduate or	University of Florida	2001-2002	MSN
Professional	University of Florida	2002-2006	PhD, Nursing Science; Minor, Genetics
Other	Georgetown University/ NIH-NINR	2003	Graduate credits, NINR Summer Genetics Institute

PROFESSIONAL AND ACDEMIC CAREER

Shands at Alachua General Hospital, Gainesville, FL	Staff Nurse	2001-2002
University of Florida College of Nursing Office for Research Support	Senior Research Assistant	2003-2006
Duke University Center for Aging	Postdoctoral Fellow	2006-2008
Duke University School of Nursing	Senior Research Associate	2008-2011
Duke University School of Nursing	Assistant Professor	2011- current

LICENSURE

North Carolina RN License # 219831, September 14, 2007 - current

Florida RN/ARNP License # 9181650 / 2001-2007

SELECTED PUBLICATIONS (*indicates data-based)

***Dungan, J. R.**, Conley, Y. P., Langae, T. Y., Johnson, J. A., Kneipp, S. M., Hess, P. J. & Yucha, C. B. (2009). Altered beta₂ adrenergic receptor gene expression in human clinical hypertension. *Biological Research for Nursing*, 11(1):17-26. PMID [19254913](#), [PMC2805083](#). doi: 10.1177/1099800409332538.

*Shah, S. H., Bain, J. R., Muehlbauer, M. J., Stevens, R. D., Crosslin, D. R., Haynes, C., **Dungan, J.**, Newby, L. K., Hauser, E. R., Ginsburg, G. S., Newgard, C. B., & Kraus, W. E. (2010). Association of a peripheral blood metabolic profile with coronary artery disease and risk of subsequent cardiovascular events. *Circulation: Cardiovascular Genetics*, 3(2), 207-214. PMID [20173117](#). doi: 10.1161/CIRCGENETICS.109.852814.

*Voora, D., Cyr, D., Lucas, J., Chi, J. T., **Dungan, J.**, McCaffrey, T. A., Katz, R., Newby, L. K., Kraus, W. E., Becker, R. C., Ortel, T. L., & Ginsburg, G. S. (2013). Aspirin Exposure Reveals Novel Genes Associated with Platelet Function and Cardiovascular Events. *Journal of the American College of Cardiology*. 62(14):1267-76. PMID:23831034. PMCID:PMC3786046. doi: 10.1016/j.jacc.2013.05.073

***Dungan, J. R.**, Hauser, E. R., Qin, X. & Kraus, W. E. (2013) The genetic basis for survivorship in coronary artery disease. *Front. Genet.* 4:191. PMID:2414314. doi: 10.3389/fgene.2013.00191

Vorderstrasse, A., Hammer, M. J., & **Dungan, J. R.** (2014). Nursing implications of personalized and precision medicine. *Seminars in Oncology Nursing*, Vol 30: 2, 130-136. PMID:24794087. doi: 10.1016/j.soncn.2014.03.007.

***Dungan JR**, Qin X, Horne B, Carlquist J, Singh A, Hurdle M, Grass E, Haynes C, Gregory S, Shah S, Hauser E, & Kraus WE (2016). Case-only Survival Analysis Reveals Unique Effects of Genotype, Sex, and Coronary Disease Severity on Survivorship. *PLOS One*, 11(5):e0154856. doi:10.1371/journal.pone.0154856

*Aroke E, **Dungan JR**, Crawford S, & Morris N. (2017). Pharmacogenetics of Ketamine-Induced Emergence Phenomena: A Pilot Study. *Nursing Research (Special Omics Issue)*. Nurs Res. 2017 Mar/Apr;66(2):105-114. doi: 10.1097/NNR.000000000000197.

Dungan JR, Vorderstrasse AA, Jordan SM, & Julian EA (2016). Genomics of Complex Cardiovascular Diseases (Chapter 11. Part 1) in *Genomic Essential for Graduate Level Nurses* (Diane C. Seibert, Quannetta T. Edwards, Ann H. Maradiegue, and Susan T. Tinley, Eds.) Lancaster, PA: DEStech Publications, Inc. ISBN: 978-1-60595-094-5.

SELECTED ISONG PRESENTATIONS (Invited Talks, Podiums, & Posters)

Dungan, J. R. (2004, October). Exploring adrenoceptor gene expression differences in arterial tissue of normotensive and hypertensive adults. Paper presented at the 2004 Annual Conference of the International Society of Nurses in Genetics, Toronto, Ontario, Canada.

Dungan, J. R., Katsanis, S. H., Vorderstrasse, A., Ginsburg, G. S., & Gilliss C. L. (2013, October). Development & Implementation of an Interdisciplinary Elective in Genomics and Personalized Medicine with a Personal Genome Testing Option. Podium presented at the International Society of Nurses in Genetics Annual Meeting, Bethesda, MD.

Dungan, J. R., Qin, X., Horne, B., Carlquist, J., Shah, S. H., Hauser, E. R., Hurdle, M., Sebek, J., Haynes, C. & Kraus, W. E. (2013, October). Unique Gene- and Disease-Specific Survival Effects in Two Case-Control Studies of Coronary Artery Disease. Poster presented at the International Society of Nurses in Genetics Annual Meeting, Bethesda, MD.

Aroke, E. N., Morris, N. & **Dungan, J. R.** (2014, November). Exploring the Pharmacogenetics of Ketamine-Induced Emergence Phenomena. Poster presented at the International Society of Nurses in Genetics World Congress, Scottsdale, AZ.

Dungan, J.R. Qin, X., Hurdle, M., Haynes, C., Gregory, S., Shah, S. H., Hauser, E. R., & Kraus, W. E. (2015, November). Genome-Wide Association Study of Survivorship in Coronary Artery Disease Identifies Novel Sex-Specific Markers. Podium presented at the International Society of Nurses in Genetics World Congress, Pittsburgh, PA.

Aroke, E. & **Dungan, J. R.** (2016, August). Lack of association of *CYP2B6**6 and *GRIN2B* alleles with ketamine induced emergence phenomena: A pilot study. Podium presentation at the International Society of Nurses in Genetics World Congress, Dublin, Ireland.

Seagriff, N., Maradiegue, A., & **Dungan, J. R.** (2016, August). Implementation of the B-RST Screening Tool for BRCA Mutations at a Federally Qualified Health Center. Poster presentation at the International Society of Nurses in Genetics World Congress, Dublin, Ireland.

CONSULTANT APPOINTMENTS

American Nurses Credentialing Center (ANCC)- Genetics Nursing Content Expert Panel,
contract 2014-2016

SELECTED PROFESSIONAL AWARDS & SPECIAL RECOGNITIONS

University of Florida Outstanding Young Alumnus Award, Inaugural group, 2006



ISONG Nomination Form Candidate Overview 2017

Name: Erika Santos

Degrees/Credentials: RN, MSc, PhD

Board Position: Secretary

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I work as a scientific advisor at Hospital Sírio-Libanês in Sao Paulo, Brazil. My main activities include the Coordination of the Cancer Registry at the Oncology Center, and Supervision of Master's and PhD students at the Institute of Education and Research Postgraduation Course. I have been active in Oncogenetics since 2001, strengthening the network of this specialty in Brazil through mutual support and collaboration. The genetic counseling of families, the inclusion of patients and families in research projects and the organization of clinical and molecular data repositories were our main accomplishments during this period. Since I have started in this field, I have been seeking for the recognition of the Nursing in Genetics specialty in Brazil. I acted as co-chair of the ISONG Communication Committee and ISONG Newsletter editor, and I believe I could expand my contribution as Secretary of ISONG. In this role, I aim to support the ISONG's initiatives and promote effective communication of the Board.

Santos, Erika Maria Monteiro
Scientific Advisor, Hospital Sirio-Libanês, Sao Paulo, Brazil

Education Training

Year	Institution	Degree	Field
1997	Sao Paulo University	BSN	Nursing
2003	Antonio Prudente Foundation	MSc	Oncology
2008	Antonio Prudente Foundation	PhD	Oncology

Position and Employment

SBEGG – (Sociedade Brasileira de Enfermagem em Genética e Genômica) - Brazilian Society of Nurses in Genetics and Genomics

Mai- 2015 Treasurer

Hospital Sirio-Libanês

Jul-2013 Coordinator – Hereditary Cancer Registry

Jul-2015 Supervisor - Institute of Education and Research

Ago-2015 Member – Institutional Review Board

Antonio Prudente Foundation, A.C. Camargo Hospital

1998-2005 Staff Nurse

2001-2013 Coordinator of Hereditary Colorectal Cancer Registry

2005-2013 Coordinator Oncology Nursing Program

2009-2013 Supervisor – Graduation Program

2009-2013 Member of Graduation Board

2011-2013 Researcher/Oncogenetics Department

2011-jul/2013 Coordinator (Education and Research)

ISONG – International Society of Nurses in Genetics

2007 Co-chair of Communications Committee, Editor of ISONG's Newsletter

GETH– Grupo de Estudos de Tumores Hereditários (Study Group of Hereditary Group)

2003-2015 Editor of GETH's Newsletter

2007-2009 First Secretary

2009-2011 President

2011-2013 Ex-President Board

2013 Vice-President

Selected Peer-reviewed Publications

Villacis RA, Miranda PM, Gomy I, **Santos EM**, Carraro DM, Achatz MI, Rossi BM, Rogatto SR. Contribution of rare germline copy number variations and common susceptibility loci in Lynch syndrome patients negative for mutations in the mismatch repair genes. *Int J Cancer*. 2016 Apr 15;138(8):1928-35.

Rossi BM, Sarroca C, Vaccaro C, Lopez F, Ashton-Prolla P, Ferreira Fde O, **Santos EM**. The Development of the Study of Hereditary Cancer in South America. *Genet Mol Biol*. 2016 May 24;39(2):166-7.

Villacis RA, Abreu FB, Miranda PM, Domingues MA, Carraro DM, **Santos EM**, Andrade VP, Rossi BM, Achatz MI, Rogatto SR. ROBO1 deletion as a novel germline alteration in breast and colorectal cancer patients. *Tumour Biol*. 2016 Mar;37(3):3145-53.

Carneiro da Silva F, Ferreira JR, Torrezan GT, Figueiredo MC, **Santos EM**, Nakagawa WT, Brianese RC, Petrolini de Oliveira L, Begnani MD, Aguiar-Junior S, Rossi BM, Ferreira Fde O, Carraro DM. Clinical and Molecular Characterization of Brazilian Patients Suspected to Have Lynch Syndrome. *PLoS One*. 2015 Oct 5;10(10):e0139753.

De Oliveira LP, López I, Dos **Santos EM**, Tucci P, Marín M, Soares FA, Rossi BM, Coudry Rde A. Association of the p53 codon 72 polymorphism with clinicopathological characteristics of colorectal cancer through mRNA analysis. *Oncol Rep*. 2014 Mar;31(3):1396-406

Santos EM, Edwards QT, Floria-Santos M, Rogatto SR, Achatz MI, MacDonald DJ. Integration of genomics in cancer care. *J Nurs Scholarsh*. 2013 Mar;45(1):43-51.

Valentin MD, Da Silva FC, **Santos EM**, Da Silva SD, De Oliveira Ferreira F, Aguiar Junior S, Gomy I, Vaccaro C, Redal MA, Della Valle A, Sarroca C, Rasmussen LJ, Carraro DM, Rossi BM. Evaluation of MLH1 I219V polymorphism in unrelated South American individuals suspected of having Lynch syndrome. *Anticancer Res*. 2012 Oct;32(10):4347-51.

Torrezan GT, da Silva FC, Krepschi AC, dos **Santos EM**, Rossi BM, Carraro DM. A novel SYBR-based duplex qPCR for the detection of gene dosage: detection of an APC large deletion in a familial adenomatous polyposis patient with an unusual phenotype. *BMC Med Genet*. 2012 Jul 16;13:55.

Monteiro Santos EM, Valentin MD, Carneiro F, de Oliveira LP, de Oliveira Ferreira F, Junior SA, Nakagawa WT, Gomy I, de Faria Ferraz VE, da Silva Junior WA, Carraro DM, Rossi BM. Predictive models for mutations in mismatch repair genes: implication for genetic counseling in developing countries. *BMC Cancer*. 2012 Feb 9;12:64

Krepschi AC, Achatz MI, **Santos EM**, Costa SS, Lisboa BC, Brentani H, Santos TM, Gonçalves A, Nóbrega AF, Pearson PL, Vianna-Morgante AM, Carraro DM, Brentani RR, Rosenberg C. Germline DNA copy number variation in familial and early-onset breast cancer. *Breast Cancer Res*. 2012 Feb 7;14(1):R24.



ISONG Nomination Form Candidate Overview 2017

Name: Lisa B. Aiello

Degrees/Credentials: RN, MSN, AOCNS, APRN-C

Board Position: Member-at-large

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- Background information you want the membership to know about you in relation to your interest/involvement in genetics education, research and practice
- Reasons why you are interested in serving on the ISONG Board.

I first joined ISONG in 2001 and have been involved in multiple capacities throughout these years. I was the Cancer SIG Coordinator, and an active member of the Communications Committee (2015-2016), Education Committee ('15-present) and the Ethics Committee ('16-to present). I have been an abstract reviewer for ISONG conferences. In addition, I make efforts to share ISONG news with colleagues and students to promote ISONG and the opportunities within.

In my professional role as an assistant clinical faculty, I am the course chair of the genetics/genomics course for undergraduate nursing students. I have published and presented both nationally and locally, on multiple genetic/genomic topics. At my institution, I am coordinating the efforts to integrate genomics across the curriculum, and to increase genomic knowledge of faculty. Currently, I am pursuing my doctoral degree. My area of research is evaluating the genomic knowledge of nursing students. I am very committed to increasing the competence of nurses in genetics and genomics.

In my previous clinical role, I was the coordinator of a cancer risk evaluation program in Philadelphia, PA. I provided education and pre- and post-test counseling to patients and their families. At this time, I was also an active member of the Oncology Nursing Society, Cancer Genetics SIG. I served as the SIG Coordinator and Virtual Administrator, and am still involved with the leadership of the SIG. I proposed the inclusion of a genetics/genomics column in the Oncology Nursing Forum and was the associate editor for the newly developed column from 2012 – 2015.

I would like to be a member of the ISONG board in order to affect change in policy, nursing curriculum, and nursing practice. The genomic nursing community has made great strides in education and curriculum planning; however, more work needs to be done in order to attain more nursing genetic/genomic competence. I would like to be a leader to continue the work that has already begun and to help represent fellow colleagues and members.

Lisa Beth Aiello

Doctoral Program 2010-present PhD
Villanova University, College of Nursing
Enrolled 2010; Expected Completion 2017
Research: Assessment of Genetic/Genomic Knowledge of Students Enrolled in an RN to BSN Completion Course

Degrees: 1992-1994 MSN
University of Pennsylvania, School of Nursing,
Adult Oncology Track

Credentialing: Certified Advanced Practice Nurse (APN, C) in NJ
Advanced Oncology Clinical Nurse Specialist (AOCNS)
Issued: 8/10/2006; Expires 12/31/2018
Advanced Practice Nurse in Genetics 2005 (APNG) (inactive)

Professional Experience:

8/13 – present Drexel University
College of Nursing and Health Professions
1505 Race Street, Office 904
Philadelphia, PA 19102-1102
Assistant Clinical Professor, RN to BSN Online Completion Program, Cooperative Undergraduate program, and MSN program; Course Chair of “Genetics and Genomics: Application to Nursing Practice”
Committees: Genetics/Genomics Curriculum Integration

1/01–6/04 **Nurse Coordinator, Cancer Risk Evaluation Program**
Pennsylvania Oncology Hematology Associates
Joan Karnell Cancer Center of Pennsylvania Hospital
230 W. Washington Square, 2nd Floor, Philadelphia, PA 19106
Responsible for development, marketing, and implementation of genetic risk evaluation program (breast/ovary, gastrointestinal, and sarcoma genetics); nurse coordinator for related cancer prevention/cancer risk research studies; research coordinator for sarcoma genome project; participated in grant writing for project funding

Continuing Education:

August – Nov 2011 Cincinnati Children's Hospital Medical Center's (CCHMC) Genetics Education Program for Nurses' (GEPN) Web-Based Genetics Institute (WBGI) (195.9 nursing contact hours)

Professional Activities:

2015 - Present ISONG (International Society of Nurses in Genetics) Education Committee

2016 - Present ISONG (International Society of Nurses in Genetics) Ethics Committee

5/2010 - Present Virtual Administrator, Oncology Nursing Society, Cancer Genetics SIG

4/2001 - Present International Society of Nurses in Genetics, Cancer SIG

2015 - 2016 ISONG Communication Committee

2012 - 12/2015	Associate Editor, Oncology Nursing Forum, Genetics and Genomics Column (Term 2012-2015)
2012 - 2014 7/ 2011	Cancer SIG Coordinator, International Society of Nurses in Genetics Guest Lecturer, Villanova University, Undergraduate NUR 8965 Clinical Genetics for Health Care Professionals, "Genomics and Cancer"
9/2009 - 8/2011	Team Leader for the development of Oncology Nursing Society (ONS) Cancer Genetics Web course
5/2008 - 5/2010	Coordinator of Cancer Genetics SIG, ONS
3/2007 - 5/2008	Coordinator-Elect, Cancer Genetics SIG, ONS

Presentations:

1. May 10, 2016 Drexel University Online Webinar, "Pharmacogenomics: What do Genes have to do with it?"
2. May 2010, Podium presentation, "The Ins and Outs of Genetic Risk Assessment", ONS Congress.
3. May 2009, Community Lecture for the Colon Cancer Alliance and Wellness Community, "Hereditary Colon Cancer Syndromes".
4. May 2008, Abstract accepted for podium presentation, "Assessing Cancer Genetic Risk", ONS Congress.
5. April 2007, Coordinator and speaker for Instructional Podium Session at Oncology Nursing Society Annual Congress, "Melanoma: It's more than Skin Deep".
6. 2005, Cancer Genetics and the Role of the APN, University of Pennsylvania School of Nursing, Graduate Program.
7. 2003-2004, "Minorities and Breast Cancer". Pennsylvania Breast Cancer Coalition in Harrisburg, PA, and at Pennsylvania Hospital.
8. October 2003, "Sarcoma Genetics". Podium session at ISONG meeting in Los Angeles.
9. May 2003, "How to Draw a Cancer Family Pedigree" Podium session at ONS Congress, Denver, CO.
10. 2002-2004, Breast Cancer Genetics lecture, University of Pennsylvania School of Nursing, Graduate Program, Genetics Course: annual.
11. October, 2001, Genetic Risk for Breast Cancer; presented at community breast cancer symposium @ Pennsylvania Hospital;

Publications:

1. Aiello, L., & Chiatti, B. (2017). Primer in genetics and genomics, article 4 – Inheritance patterns. *Biological Research for Nursing*. Advance online publication. doi: <https://doi.org/10.1177/1099800417708616>
2. Aiello, L. (2015). Resources to increase genetics and genomics capacity of oncology nurses. *Oncology Nursing Forum*, 42(2), 204-206.
3. Aiello-Laws, L. (2011). Genetic cancer risk assessment. *Seminars in Oncology Nursing*, 27(1), 13-20.
4. Aiello, L. (2004). The Disparities of breast cancer: Risk assessment in African-American women. *Nursing Spectrum*, 13(3), 10.

Awards/Scholarships:

1. 2016 and 2016 – Certificate of Appreciation – Oncology Nursing Society, Cancer Genetics Special Interest Group
2. April 2011 – Oncology Nursing Society, Received Cancer Genetics Special Interest Group (SIG) award for SIG accomplishments during my appointment as Coordinator



ISONG Nomination Form Candidate Overview 2017

Name: Allison Vorderstrasse

Degrees/Credentials: DNSc, APRN, FAAN

Board Position: Member at Large

Please provide a personal statement of interest (maximum 400 words) for inclusion in the ballot information. You should include comments on the following areas:

- Your involvement in, and service to, ISONG, including any leadership roles
- Background information you want the membership to know about you in relation to your interest/involvement in genetics education, research and practice
- Reasons why you are interested in serving on the ISONG Board.

I have been a member of ISONG since 2012, and served primarily as a member of the research committee, of which I am currently co-chair. I have enjoyed this role and work with the board and committee and wish to expand my involvement and service in ISONG as a member at large on the board. I'm interested in helping expand the influence and reach of ISONG as a key organization for nurses practicing, teaching or conducting research in the area of genetics, particularly as the focus of the field broadens with national initiatives such as the All of Us (PMI) initiative. I have represented nurses in the field at a local/institutional level on the executive team of the Duke Center for Applied Genomics and Precision Medicine; and at a national level as a member of the expert panel for ANCC in the development of the Advanced Genetics Nurse credentialing. I also bring to this role, a few years of experience in working with a group to develop and implement formal coursework in genomics and precision medicine at Duke in the School of Nursing, and collaborative interdisciplinary educational programs. My research shows my experience in developing and leading teams for implementation science in the area of genomics in chronic disease. I hope to contribute to ISONG in many areas, but particularly in their ongoing support and programs around nursing research and education in genomics and related fields.

CURRICULUM VITA
Allison Amend Vorderstrasse

EDUCATION

2011	Certificate	NIH/NINR Summer Genetics Institute
2002-2006	DNSc	Yale University School of Nursing (Chronic Illness Self-Management)
1999-2002	MSN	Yale University School of Nursing (Adult Nurse Practitioner-Diabetes Specialty Concentration)
1996	BSN	Mount Saint Mary College

CERTIFICATION

AACN Adult Nurse Practitioner #0372038 Expires July 31, 2017

PROFESSIONAL EXPERIENCE

Academic Professional Experience

Associate Professor (tenure track), Duke University School of Medicine (secondary appointment), 2015-

Associate Professor* (tenure track), Duke University School of Nursing, 2014-
Lead Faculty, Precision Health Research, 2016-
Dorothy L. Powell Term Chair of Nursing (2017-2020)

Assistant Professor (tenure track), Duke University School of Nursing, 2009-2014

Assistant Professor, Marymount University, School of Nursing, 2006-2008

Clinical Professional Experience (from 2005-)

Nurse Practitioner, NOVA Medical Group & Urgent Care Centers, 2006-2008

Nurse Practitioner, New Haven Rheumatology, 2002-2005

PROFESSIONAL AWARDS AND HONORS

Fellow of the American Academy of Nursing, Inducted October 2015

RESEARCH/GRANT AWARDS (selected representative grants)

Genomic Risk Testing for Type 2 Diabetes in Primary Care. PI Geoffrey Ginsburg, Co-PIs Alex Cho, **A. Vorderstrasse**, 2009-2012, Duke Endowment. Co-PI Role: Supervise study coordinators in follow-up data collection, and ongoing statistical analysis and dissemination of findings.

eHealth: Second Life Impacts Diabetes Education and Self-Management (SLIDES), PI Constance Johnson, **Co-I A. Vorderstrasse**, 2010-2012, NIH/NLM 1R21LM010727-01, \$600,000 Co-I Role: Supervise diabetes education and intervention in the site; shared responsibility for oversight of analysis and dissemination of findings.

GENERating Behavior Change: Genetic CHD and T2D Risk Counseling & Health Coaching for Behavior Change in Military Personnel, **Multi-PI A. Vorderstrasse**, Co-PI Ruth Wolever, 2013-2016, Air Force Medical Services, \$1,400,000 Co-PI Role: Corresponding PI for grant; oversight of risk counseling profile and intervention; shared responsibility for oversight of study coordinators, statistical analysis and dissemination.

PUBLICATIONS (selected representative publications from total of 36)

- Vorderstrasse, A.A.**, Zychowicz, M. (2012). Case studies for ABSN pathophysiology course. *Journal of Nursing Education*, 51 (6), 358. PMID: 22658263.
- Vorderstrasse, AA**, Ginsburg, GS, Kraus, WE, Maldonado, CJ, & Wolever, RQ. (2013). Health Coaching and Genomics: Potential Avenues to Elicit Behavior Change in those at Risk for Chronic Disease: Protocol for Personalized Medicine Effectiveness Study in Air Force Primary Care. *Global Advances in Health and Medicine*, 2(3), 26-38. PMID: 24416670.
- Vorderstrasse, AA**, Cho, A, Voils, C.I., Orlando, L.A., Ginsburg, G.S. (2013). Clinical utility of genetic risk testing in primary care: The example of Type 2 Diabetes. *Personalized Medicine*, 10(6), 549-564.
- *+Johnson C, Feinglos M, Pereira K, Hassell, N., Blascovich, J., Nicollerat, J., Beresford, H. F., Levy, J., **Vorderstrasse, A.** (2014). Feasibility and preliminary effects of a virtual environment for adults with type 2 diabetes: pilot study. *JMIR Research Protocols*, 3(2), e23. PMID: 24713420.
- Vorderstrasse, A.**, Hammer, M., Dungan, J. R. (2014). Nursing Implications of Personalized and Precision Medicine. *Seminars in Oncology Nursing*, 30(2),130-6. PMID: 2474087.
- *Katsanis SH, Minear MA, **Vorderstrasse A**, Yang N, Reeves JW, Rakhra-Burris T, Cook-Deegan R, Ginsburg GS, Simmons LA. (2015). Perspectives on Genetic and Genomic Technologies in an Academic Medical Center: The Duke Experience. *Journal of Personalized Medicine*, 5(2), 67-82. PMID: 25854543.
- *+Gallagher, P., King, H., Haga, S., Orlando, L., Joy, S., Trujillo, G., Scott, WM, Bembe M., Baker, D., Cho, AH, Ginsburg, GS, **Vorderstrasse, A.** (2015). Patient Beliefs and Behaviors about Genomic Risk for Type 2 Diabetes: Implications for Prevention. *Journal of Health Communication*, 20(6), 728-35. PMID: 25844569
- ***Vorderstrasse A**, Katsanis SH, Minear MA, Yang N, Rakhra-Burris T, Reeves JW, Cook-Deegan R, Ginsburg GS, Ann Simmons L. (2015). Perceptions of Personalized Medicine in an Academic Health System: Educational Findings. *J Contemp Med Educ.*, 3(1), 14-19. PMID:26236542
- Vorderstrasse, A.**, Melkus, G., Pan, W., Lewinski, A., Johnson, C. (2015). Diabetes LIVE (Learning in Virtual Environments): Testing the Efficacy of Self-Management Training and Support in Virtual Environments (RCT Protocol). *Nursing Research*, 64(6), 485-93. PMID: 26505161. PMCID: PMC4624251.
- +Xavier, R.M., **Vorderstrasse, A.** (2016). Neurobiological Basis of Insight in Schizophrenia: A Systematic Review. *Nursing Research*, 65(3), 224-37. PMID: 27124258.
- *Wu RR, Myers RA, Hauser ER, **Vorderstrasse A**, Cho A, Ginsburg GS, Orlando LA. Impact of Genetic Testing and Family Health History Based Risk Counseling on Behavior Change and Cognitive Precursors for Type 2 Diabetes. (2016, Jun 14). [Epub ahead of print] *Journal of Genetic Counseling*. PMID: 27296809.
- *Indicates data based publications; +indicates senior author

Book Chapters (representative from total of 3)

Dungan JR, **Vorderstrasse AA**, Jordan SM, & Julian EA (2016). Genomics of Complex Cardiovascular Diseases (Chapter 11. Part 1) in *Genomic Essential for Graduate Level Nurses* (Diane C. Seibert, Quannetta T. Edwards, Ann H. Maradiegue, and Susan T Tinley, Eds.) DEStech Publications, Lancaster, PA. ISBN: 978-1-60595-094-5

PROFESSIONAL ACTIVITIES

Membership in Professional Organizations

American Diabetes Association 2002-present
BRIDGE (Behavioral Research in Diabetes Group) Elected member 12/08-present
Council for Advancement of Nursing Science 2009-present
2018 State of the Science Planning committee
International Society of Nurses in Genetics – Research Committee 2012-present
Research Committee Co-Chair 2016-present
Grant Reviewer for NIH-NIAMSD; NIDDK; NISCHR (UK); ISONG

TEACHING RESPONSIBILITIES

Teaching and Course Development Relevant to Genomics:

Duke University School of Nursing

N562 Applied Genomics & Personalized Medicine

Continuing Education:

Duke Health System Duke Nursing Grand Rounds (CEU activity- 1 ANCC contact hour).

Genomics: How New Discoveries Impact Nursing. Jan. 2013

Duke Health System Duke health care providers and researchers enrolled in workshop

Interdisciplinary Collaborative Education Workshop Series on Personalized Medicine

Title of session: Overview of Key Genomic Applications & Patient Education Oct. 27, 2015



ISONG Nomination Form Candidate Overview 2017

Name: Susan W. Wesmiller

Degrees/Credentials: PhD, RN

Board Position: Member at Large

Please provide a personal statement of interest (maximum 400 words) for inclusion in the ballot information. You should include comments on the following areas:

- Your involvement in, and service to, ISONG, including any leadership roles
- Background information you want the membership to know about you in relation to your interest/involvement in genetics education, research and practice
- Reasons why you are interested in serving on the ISONG Board.

I am an Assistant Professor at the University of Pittsburgh where I have taught the undergraduate genetics course for the past three years. Before I moved to academia, I worked as a Clinical Nurse Specialist and then the Director of Nursing Education and Research at the University of Pittsburgh Medical Center for over 20 years. I earned my BSN, my MSN and PhD all from the University of Pittsburgh. I am a Summer Genetics Institute (SGI) alum, an incredible experience that I now cherish; mostly for the many ISONG friendships that have flourished from that month spent together. SGI also provided for me a strong foundation from which I am able to pursue my research in the genomics of treatment induced nausea and vomiting experienced by women with breast cancer. I am convinced that there is a genetic risk that will help us identify why some women do not respond to antiemetics in the very near future.

I have been an active member of ISONG since 2008. I have served on the Research Committee for several years, serving as Co-Chair from 2013-2015. While I was co-chair we successfully launched the ISONG research initiative – a nursing research directed donation campaign to provide ISONG members the opportunity to support pilot studies.

For the past two years I have served as a co-chair of the International Congress Committee. We had a truly successful international meeting last year in Dublin, and I cannot wait for our next meeting in Reston, Virginia in November. Chairing the Congress Planning and Research committees has provided me the opportunity to meet so many wonderful individuals, from all over the world, responsible for the success of ISONG. My preparation as a clinical nurse specialist taught me the importance of the integration of clinical practice, education and research in nursing; a concept that is key to our continued success at ISONG. I am passionate about our organization and would genuinely welcome the opportunity to serve on the board.

Susan W. Wesmiller
swe100@pitt.edu

Education

PHD | 4/24/2010 | UNIVERSITY OF PITTSBURGH

Major: Nursing

MSN| 4/30/1983 | UNIVERSITY OF PITTSBURGH

Major: Medical Surgical Nursing/Clinical Nurse Specialist

MSN| 4/30/1977 | UNIVERSITY OF PITTSBURGH

Major: Nursing

POSTDOCTORAL SCHOLAR| 2011-2013 | UNIVERSITY OF PITTSBURGH

Cancer Survivorship T32 NR011972-05

SUMMER GENETICS INSTITUTE

Certificate program offered by the National Institute of Nursing Research

Experience

ASSISTANT PROFESSOR | UNIVERSITY OF PITTSBURGH | MAY, 2013 – PRESENT

School of Nursing and University of Pittsburgh Cancer Institute

Teach Genetics, Ethics and Introduction to Research in the undergraduate program

DIRECTOR OF NURSING EDUCATION AND RESEARCH |UPMC

PRESBYTERIAN| 1993-2008

Responsible for the co-ordination of all orientation, continuing education and competency for 2000 nurses. Led a team of 10 advanced practice nurses.

Served as an Adjunct professor at the University of Pittsburgh while in this position

Selected Research

(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.

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

(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

Selected Publications

***Wesmler, 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. & **Wesmler, S.** (2017). Managing Symptoms: Boosting Patients Self-Management Knowledge and Skills for Surgical Recovery. *Seminars in Oncology Nursing*, 33 (1), 52-60.

Dorman, J., Schmella, M., & **Wesmler, S.** (2016). Primer in Genetics and Genomics, Article 1: DNA, Genes and Chromosomes. *Biological Research for Nursing*. Epub ahead of print.

***Wesmler, S.** Sereika, S., Conley, Y., Ahrendt, G., Bonaventura, M, Bovbjerg, D. & Bender, C. (2016). A prospective study of nausea and vomiting following surgery for breast cancer. *Journal of Perianesthesia Nursing*, Epub ahead of print. September, 2016.

*Hoffman, S., Kaufman, R, Ferrari, S., Alexander, S., Rosenzweig, M., & **Wesmler, S.** (2016). Beyond BRCA, Improving Oncology Advance Practice Providers' Knowledge of Pharmacogenomic Testing. *Journal of the Advanced Practitioner in Oncology*, 7(4),

***Wesmler, 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.

***Wesmler, 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

Selected Service

2008 - Present **ISONG – International Society of Nurses in Genetics**
Research Committee Chair, 2013 – 2015
Research Committee Member 2012 - present
Conference Planning Committee 2013, 2014
Planning Co-Chair for 2016 and 2017 International Congress

2009 - Present **American Nurses Association**
Pennsylvania Nurses Association

- 2009 - Present **American Society for Perianesthesia Nurses**
Research Committee and Reviewer for *Journal of PeriAnesthesia Nurses*
- 2010 - Present **Oncology Nursing Society**
Putting Evidence into Practice (PEP) Chemotherapy Induced Nausea and Vomiting Committee, 2012 – present
Research Grant Reviewer
2013 Research Priorities Survey Project Team
- 1982 – Present **Sigma Theta Tau International**
Eta Chapter Member



ISONG Nomination Form Candidate Overview 2017

Name: Caitlin Dreisbach

Degrees/Credentials: BSN, RN, PhD Student

Board Position: Student Representative

Please provide a personal statement of interest (maximum 400 words) for inclusion in the ballot information. You should include comments on the following areas:

- Your involvement in, and service to, ISONG, including any leadership roles
- Background information you want the membership to know about you in relation to your interest/involvement in genetics education, research and practice
- Reasons why you are interested in serving on the ISONG Board.

My name is Caitlin Dreisbach and I am a rising 3rd year PhD student at the University of Virginia. As an alum of the Summer Genetics Institute in 2016, the intersection of nursing and genomics has been a focal point of my academic and professional trajectory. My research interests include the maternal intestinal microbiome and incidence of gestational diabetes as they relate to newborn birth outcomes. Clinically, I continue to practice as a pediatric float pool nurse at the University of Virginia Medical Center to get my fill of the little ones!

In service to ISONG, I have been working with the Education Committee as a nurse planner for a precision-health webinar series scheduled for the fall. In expanding my participation in ISONG leadership, I believe that the student representative position would allow me to grow in both experience and networking within the ISONG community. I consider ISONG my professional organization home and I want to spread that comradery and inclusion to other students. If chosen for the position, I will strive to meet the excellence and high standards of the ISONG Board of Directors and our membership.

Caitlin N. Dreisbach
cnd2y@virginia.edu

Education

University of Virginia, Charlottesville, Virginia

Doctor of Philosophy in Nursing, GPA: 3.9, August 2015 – present

The Johns Hopkins University, Baltimore, Maryland

Bachelor of Science in Nursing, GPA: 3.5, August 2012 – December 2013

Cornell University, Ithaca, New York

Bachelor of Science with a Distinction in Research, GPA: 3.5, August 2009 – May 2012

Dual majors in Biology & Society and Communication, Global Health Minor

Recent Research

University of Virginia, School of Medicine, Charlottesville, Virginia

Data Manager, Department of Obstetrics and Gynecology, September 2016-present

- Catalog medical data regarding clinical trials for gynecological cancers
- Review electronic health records to follow patients throughout treatment regimen
- Assist principal investigators with initial analysis of data for interpretation

University of Virginia Medical Center Professional Nursing Staff Organization,

Charlottesville, Virginia

Principal Investigator, Research Mentor Program, August 2014 - present

- Clinical research investigating the perception of psychological trauma during childbirth
- Collaborating with School of Nursing and Medical Center to create nurse-led research on TWP
- Encourage staff nurse participation in research activities on the unit

University of Virginia School of Nursing, Charlottesville, Virginia

Research Practicum I, January 2016-May 2016

- Performed research tasks including transcription of qualitative data, literature reviews, data collection and writing under the supervision of Dr. Donna Schminkey
- Successfully wrote abstract for public health genomics framework on emerging disease threats including the Zika Virus, was accepted for presentation at ISONG 2016 World Congress
- Assisted in writing and editing of local, intramural SON and NIH level grants

Publications

Alhusen, J.L., Geller, R., **Dreisbach, C.**, Constantoulakis, L., & Siega-Riz, A.M. (accepted).

Intimate partner violence and gestational weight gain in a population-based sample of perinatal women. *Journal of Obstetric, Gynecologic, and Neonatal Nursing (JOGNN)*

Neiderdeppe, J., Roh, D., & **Dreisbach, C.** (2015). How narrative focus and a statistical map shape health policy support among state legislators. *Health Communication*, 31(2), 242-55.

Podium Presentations

March 16-18, 2017. **Dreisbach, C.** "Social Welfare, Eugenics, and Nursing: Dissecting the Implications of Buck v. Bell (1927). Southern Association for the History of Medicine and Science (SAHMS). Myrtle Beach, South Carolina.

Poster Presentations

March 21, 2017. **Dreisbach C.** Alhusen, J.L., Geller, R., Constantoulakis, L., & Siega-Riz, A.M. "Intimate partner violence and gestational weight gain in a population-based sample of perinatal women." Huskey Research Symposium, University of Virginia Graduate School of Arts and Sciences. Charlottesville, Virginia.

August 4-6, 2016. **Dreisbach, C.**, Schminkey, D., & DeGuzeman, P. "Zika and Beyond: Using a Public Health Genomics Framework to Guide the Nursing Research Agenda on Emerging Infectious Disease Threats." ISONG World Congress "Integrating Genetics Across Nursing Practice." Dublin, Ireland.

February 24-27, 2016. **Dreisbach, C.** "Aamaas and Alcohol: Transitions of Breastfeeding and Medicine Among Thakali Women in Mustang District". Southern Nursing Research Society (SNRS), Williamsburg, Virginia.

May 15, 2015. **Dreisbach, C.** Schminkey, D., Suphal, K., Thelen, M., Dunbar, P., & Price, J. "Psychological Trauma in Labor and Delivery". Evidence-Based Practice Research Day, University of Virginia Health System. Charlottesville, Virginia.

May 2012. **Dreisbach, C.** "Aamaas and Alcohol: Transitions of Breastfeeding and Medicine Among Thakali Women in Mustang District". Cornell Undergraduate Research Board (CURB) Research Day, Cornell University, Ithaca, New York.

Teaching Experiences

University of Iowa, Iowa City, Iowa

Adjunct Lecturer, August 2016 - present

Team Teacher, NURS 3734: Introduction to Human Genetics (Fall 2016)

Primary Instructor, NURS 3734: Introduction to Human Genetics (Spring 2017)

- Online instruction for RN-BSN students in topics of general biology and genetics, pharmacogenomics, ethics and controversial issues.
- Coordination of lesson material with teaching team including co-instructors and teaching assistant
- Lesson creation and use of innovative teaching strategies in online and distance format.

University of Virginia School of Nursing, Charlottesville, Virginia

Graduate Teaching Assistant, August 2016-present

NUCO 3330: Nursing Care for Children and Families, Primary Faculty: Dr. Amy Boinott, Spring 2017

NUIP 2240: Lifespan and Development, Primary Faculty: Dr. Virginia LeBaron, Fall 2016

- Support primary faculty member in class organization, collaboration, and communication.
- Provide lecture and in-class activities for prenatal development, birth and heredity.
- Engage students in conversation and discussion related to course topics and additional materials.

Clinical Experience

University of Virginia Health System, Charlottesville, Virginia

RN Clinician, Pediatric Float Pool, Staffing Resource Office (SRO), November 2016-present

- Care for patients (0-1 year old) in the Neonatal Intensive Care unit, (NICU) Acute Pediatrics and mothers in Labor and Delivery.

RN Clinician 2, The Women's Place (TWP), February 2015 - present

- Integrate care for increasingly complex patients of various cultural backgrounds
- Lead committee for expansion of evidenced-based research into clinical practice for inpatient women's services

RN Clinician 1, The Women's Place (TWP), February 2014 – February 2015

- Provide safe patient care to women and newborns from antepartum to postpartum
- Rotate and gain skills through labor and delivery, postpartum with women's medical-surgical patients including the operating room and recovery
- Completion of Nurse Residency Program (NRP) including monthly meetings with new nurses across hospital

Awards & Honors

Sigma Theta Tau Nursing Honor Society, Beta Kappa Chapter, University of Virginia, Inductee, September 2016

Presidential Fellowship in Data Science, University of Virginia

National Institute of Nursing Research (NINR) Summer Genetics Institutes (SGI) Student, Intramural Research Training Award, National Institutes of Health Campus, Bethesda, Maryland, June 2016

Beginning Practitioner of the Year, Nomination, University of Virginia Medical Center, March 2016

Cum Laude, Johns Hopkins University, School of Nursing, December 2013

The Church Home and Hospital Nursing Alumnae Award, Johns Hopkins University, December 2013

BSN Graduation Class speaker, Johns Hopkins University, School of Nursing, December 2013

Vice President, Reproductive Health and Justice group, Johns Hopkins University, January-December 2013

Class Secretary, Johns Hopkins University School of Nursing, October 2012-December 2013

Biology and Society Honors Program, Cornell University, Fall 2010-Spring 2012
Lambda Pi Eta National Communication Honor Society, Cornell University, Spring 2010-Spring 2012
Dean's List, Cornell University, Fall 2009-Spring 2012

Membership

Association of Women's Health, Obstetric and Neonatal Nurses (AWOHNN), July 2014 - present
American Nurses Association (ANA), November 2015 - present
Southern Nursing Research Society, November 2015 – present
International Society of Nurses in Genetics, November 2015 – present
Doctoral Nursing Student Organizations (DNSO), University of Virginia, August 2015 – present



ISONG Nomination Form Candidate Overview 2017

Name: Maura K. McCall

Degrees/Credentials: MSN, RN

Board Position: Student Representative

Please provide a personal statement of interest (maximum 400 words) for inclusion in the ballot information. You should include comments on the following areas:

- Your involvement in, and service to, ISONG, including any leadership roles
- Background information you want the membership to know about you in relation to your interest/involvement in genetics education, research and practice
- Reasons why you are interested in serving on the ISONG Board.

As a part-time predoctoral student and a full-time staff member at the University of Pittsburgh School of Nursing (Pitt SON), I will offer a unique perspective as the newest Student Representative on the ISONG Board of Directors (BoD). While genetics was not a part of nursing curricula during my undergraduate studies, I have held a passion for the inclusion of genetics in healthcare since my first exposure at Pitt. Upon witnessing the infectious enthusiasm my peers had for ISONG, I joined immediately. Equipped with an evolving program of research in medication adherence and pharmacogenomics and plans to transition to full-time student status, I am enthusiastic about representing our student members and contributing to our impressive organization of scholars and clinicians.

My work experience to date has offered me a powerful skillset that will benefit me greatly as the ISONG Student Representative as well as an active and productive member of the BoD. With clinical nursing and research experience, I have developed a passion for improving genetic health literacy. My organizational, management, and collaboration skills are exceptional. In my role at Pitt, I have coordinated the Undergraduate Research Mentorship Program, managed a clinical research area and laboratory within the SON, and represented staff and graduate students on University committees. In addition to these roles, my community work focuses on underserved elementary students, for which I've procured \$16,500 funding for CPR instruction, computers, and literacy initiatives; I also held a role as Chair of Strategic Planning on their school board.

While support of ISONG's mission and outreach to students will be my primary focus, I would like to expand reach and focus on plain language education of the "average person", whether nurse, community member, or school children. With a passion for genetic health literacy, some of my ideas include: conducting a DNA day initiative during which ISONG members visit and teach children in science-poor settings (e.g. rural, inner city) about genetics and careers in

science and nursing to encourage a new, diverse generation of nurse scientists; developing a “Speakers Bureau” of our scholars and clinician experts to present at various venues upon request; identifying webinars by current knowledge level (e.g. beginner, intermediate, advanced) in order to create a tiered online webinar system, in which nurses/students determine the appropriate webinar to advance their knowledge; and increasing community education by providing specific portals/pages (e.g. for patients, science teachers) on our site with resource links.

MAURA KINDELAN MCCALL

mccallm@pitt.edu

LinkedIn <https://www.linkedin.com/in/maura-mccall-75309639>

EDUCATION

University of Pittsburgh, Pittsburgh, PA

Doctoral Student

School of Nursing PhD Program **2016 - present**

University of Pittsburgh, Pittsburgh, PA

Master of Science in Nursing

2010

Duquesne University

Bachelor of Science in Nursing

1983

RESEARCH EXPERIENCE

University of Pittsburgh School of Nursing, Pittsburgh, PA

Research Program Manager

2017 - present

Administers tactical management and administrative oversight school's research program.

Provides guidance school-wide to ensure compliance to the Final Rule.

Identifies and communicates funding, training, and dissemination opportunities to faculty and students.

Facilitates grant preparation for NIH program and training grants and HRSA education grants.

Director, Clinical Research Suite

2011 - present

Direct a research area to accommodate research and clinical students and faculty.

Manager, School of Nursing Clinical Laboratory

2009 - present

Manage CLIA-waived, PA state licensed clinical lab.

Supervise and train faculty and student researchers for point of care testing and quality control.

Coordinator, Undergraduate Research Mentorship Program

2013-2017

Administered a program of 120 undergraduate nursing students and 60 faculty, post-doctoral, and graduate student mentors.

Research Project Coordinator

2009-2014

Coordinated NIH Funded Program Grant, PI: J Dunbar-Jacob,

NIH NINR P01NR010949, *Adherence and HRQoL:*

Translation of Interventions

Research Nurse

2009-2010

Implemented a program of community involvement in research.

NIH Funded Grant, PI: S Reis, National Institute of Health

(NIH), grants UL1RR024153 & UL1TR000005 *Clinical and*

Translational Science Institute, Community PARTners Core, J Dunbar-Jacob, Director.

Research Project Coordinator **2007-2011**
Coordinated, conducted, analyzed research project funded by NIH NINR P30-NR003924, PI: HK Burns, *Implementing an Evidence-Based Practice Strategy for Staff Nurses: Assessing Patient Adherence to Discharge Instructions in a Community Hospital Setting.*

Research Specialist **2007-2009**
Planned and implemented a program at UPMC Horizon Health System, Greenville, PA to train staff nurses in evidence-based practice for NIH Funded Center, PI: J Dunbar-Jacob, NIH NINR P30-NR003924, *Center for Research in Chronic Disorders, Dissemination and Translation Core.*

Research Nurse Interventionist **2002-2006**
Recruited, performed cognitive testing and interviews, and was the sole behavioral interventionist for NIH Funded Clinical Trial, PI: J Dunbar-Jacob, NIH NIDDK R01 DK59048 *Improving Medication Adherence in Comorbid Conditions.*

Research Nurse Interventionist **1990-1993**
Recruited and conducted behavioral interventions NIH Funded Clinical Trial, PI: J Dunbar-Jacob, NINR R01 NR02107, *Adherence in Rheumatoid Arthritis: Nursing Interventions*

University of Pittsburgh, Carnegie Mellon University, and Doris Palmer Arthritis Center, Pittsburgh, PA

Research Nurse **1991-1993**
Conducted interviews for research studies in cardiomyopathy (MA Sevick), breast cancer (V Helgeson), and rheumatoid arthritis (D Whitley), respectively.

CLINICAL EXPERIENCE

Allegheny North Arthritis Center, Pittsburgh, PA; New Castle, PA; Bellevue, PA
Rheumatology Nurse Specialist **1993 – 1995**

Managed care for patients at 3 of 5 sites for a large rheumatology practice. Covered for remaining 2 sites as needed.
Presbyterian University Hospital, Pittsburgh, PA

Staff Nurse I and II **1983 – 1990**

PUBLICATIONS (PEER REVIEWED)

Kitutu, J., **McCall, M.**, Findle, R., Mahmoud, K. F., & Greene, W. B. (2016). Beyond one term of mentoring: A new approach to the research mentorship of undergraduate students. *International Journal of Nursing Sciences*, 3(1), 63-70. doi:<http://dx.doi.org/10.1016/j.ijnss.2016.02.004>

Nativio, D.G. & **McCall, M.K.** (2012). Fundamentals of Rheumatology Course: Online Education Series. Module One, Overview of Rheumatic Disease. http://www.rheumatology.org/Learning-Center/Educational-Activities/View/ID/48/B_2016-10-02_Fundamentals-of-Rheumatology-Course_website. Published October 2, 2012.

Dunbar-Jacob, J., Holmes, J. L., Sereika, S., Kwoh, C. K., Burke, L. E., Starz, T. W., **McCall, M.**, Foley, S. M. (2004). Factors associated with attrition of African Americans during the recruitment phase of a clinical trial examining adherence among individuals with rheumatoid arthritis. *Arthritis Rheum*, 51(3), 422-428. doi: 10.1002/art.20411

Sevick, M.A., Magovern, J., Kamlet, M.S., Rawson, I., **McCall, M.**, Locke, C. Health-related physical function and quality of well-being prior to and following cardiomyoplasty. A preliminary report. *Panminerva Med* Mar 1998; 40(1): 8-12.

BOOK CHAPTERS

Dunbar-Jacob, J. M., Schlenk, E. A., & **McCall, M. K.** (2012). Patient adherence to treatment regimen. In A. Baum, T. Revenson, J. Singer (Eds.), *Handbook of health psychology (2nd Edition)*. (pp. 271-292). New York, New York: Taylor & Francis Group.

Dunbar-Jacob, J. M., Houze, M., Kramer, C., Luyster, F., & **McCall, M. K.** (2010). Adherence to Medical Advice: Processes and Measurement. In A. Steptoe (Ed.), *Handbook of Behavioral Medicine: Methods and Applications*. (pp. 83-95). New York: Springer.

PUBLISHED ABSTRACTS

Billet, K., & **McCall, M. K.** (2014). Nursing students: Tobacco cessation training and attitudes towards tobacco use. In *Eastern Nursing Research Society 26th Annual Scientific Sessions, Promoting Health Across the Life Span: The Art and Science of Person-Centered Care*. (p. A236). Eastern Nursing Research Society.

McCall, M. K., Oberholtzer, C., Wrynn, A., Azrak, R., Houze, M., Dudjak, L. A., ...Burns, H. K. Medication adherence after hospital discharge. In *Society of Behavioral Medicine 33rd Annual Meeting and Scientific Sessions, Annals of Behavioral Medicine*. (p. s117).

Dunbar-Jacob, J., Kwoh, C. K., Sereika, S., Dwyer, K., Burke, L. E., **McCall, M.**, ...Starz, T. W. (1992). Recruitment of minorities in clinical research. *Annals of Behavioral Medicine*, 114.

OTHER PUBLICATIONS

McCall, M. K., Dunbar-Jacob, J. M. & Puskar, K.R. (2009). Promoting Medication Adherence. *Nursing Made Incredibly Easy*, 7(5), 20-25.

Reprinted: **McCall, M. K.**, Dunbar-Jacob, J. M., Puskar, K. R. Promoting Medication Adherence. *LPN2009 eNews*. Wolters Kluwer Health/Lippincott Williams & Wilkins, Oct. 2009. Web

http://www.nursingcenter.com/upload/static/403753/LPN09_Practice_medication_adherence.htm.

OTHER PRESENTATIONS (upon request)

OTHER EXPERIENCE

Applicant Reviewer , Nightingale Awards of Pennsylvania	2017
Applicant Reviewer , CUR Posters on the Hill	2016
Manuscript Reviewer , NCUR Proceedings	2014

LICENSES AND CERTIFICATIONS

Ohio Board of Nursing, RN license, RN304214	2015 – 2017
Pennsylvania Board of Nursing, RN license, RN260049L	2015 – 2017
Diabetes Prevention Support Center, Group Lifestyle Balance Provider	2013 – present
American Heart Association, BLS, Heartsaver, and CPR in Schools Instructor, Center for Emergency Medicine (PA20293), Instructor ID 03130157079	2012 – present
University of Pittsburgh, Joseph M. Katz School of Business & College of Business Administration	
Certificate in Organizational Leadership & Ethics (COLE) University of Pittsburgh	2011
Academic Entrepreneurship Course	2011
Mercy Parish Nurse and Health Ministry Program, Parish Nurse Certification	2011

MEMBERSHIPS

Health Science Division Councilor (elected 3 year term), Council on Undergraduate Research	2015 – 2018
Professional Associate, American Heart Association and American Stroke Association	2012 – present
Member, Oncology Nurse Society (ONS)	2017– present
Member, International Society of Nurses in Genetics (ISONG)	2017 – present
Graduate Professional Student Government, member (student representative Senate Computer Usage)	2016– present
Member, Sigma Theta Tau International, Eta Chapter, Pittsburgh, PA	1983 – present

MENTORING UNDERGRADUATE STUDENTS (10)

(Will provide upon request)