CURRICULUM VITAE

Name: **Young Ji Lee, PhD, MSN, RN**

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Pittsburgh, PA 15213

EDUCATION AND TRAINING

Undergraduate

3/2003 – 8/2007	Seoul National University
Seoul, Korea (ROK)	B.S.N.	Nursing

Graduate

9/2007 – 5/2009	University of Maryland
Baltimore, MD	M.S.N.	Nursing Informatics
9/2010 – 7/2013	Columbia University
New York, NY	Ph.D.	Nursing
(Focus: Nursing Informatics)

Post-Graduate

8/2013 – 3/2014	University of Illinois at Chicago
Department of General Internal Medicine
Chicago, IL	Postdoctoral Research Associate
3/2014 – 4/2015	Northwestern University Department of
Preventive Medicine
Chicago, IL	Postdoctoral Research Fellow

APPOINTMENTS AND POSITIONS

Academic

1/2008 – 6/2009	University of Maryland School of Nursing
Maryland, MD	Graduate Research Assistant
10/2009 – 7/2010	Seoul National University College of Nursing
Seoul, Korea (ROK)	Nursing Informatics researcher
9/2010 – 7/2013	Columbia University School of Nursing
New York, NY	Teaching assistant, Research Assistant
5/2015 – 4/2016	Northwestern University Department of
Preventive Medicine
Chicago, IL	Adjunct Assistant Professor
5/2015 – 10/2022	University of Pittsburgh School of Nursing	Assistant Professor (Primary)

Department of Health and Community System
Pittsburgh, PA

5/2015 – Present	University of Pittsburgh School of Medicine Department of Biomedical Informatics Pittsburgh, PA	Assistant Professor (Secondary)
7/2016 – Present	Clinical and Translational Science Institute University of Pittsburgh Pittsburgh, PA	Affiliate Faculty
12/2017 – Present	University of Pittsburgh Cancer Institute University of Pittsburgh Pittsburgh, PA	Affiliate Faculty
1/2018 – Present	School of Nursing University of Pittsburgh Pittsburgh, PA	Graduate Faculty
8/2018 – Present	School of Nursing University of Pittsburgh Pittsburgh, PA	Nursing Informatics Program Coordinator
10/2018 – Present	GynOnc Family CARE Center Magee Women's Hospital of UPMC	Director of Health Informatics
9/2020 – Present	School of Nursing University of Pittsburgh Pittsburgh, PA	Co-Director of the HUB for Excellence in eHealth Research
9/2022 – Present	Department of Health and Community Systems School of Nursing University of Pittsburgh Pittsburgh, PA	Interim Vice Chair for Administration
11/2022 – Present	Department of Health and Community Systems School of Nursing University of Pittsburgh Pittsburgh, PA	Associate Professor with Tenure

LICENSURE AND CERTIFICATION

Expires 4/30/24	RN Licensure	RN 669057	Pennsylvania

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

2007 – Present	Sigma Theta Tau International Honor Society of Nursing

2008 – Present	American Medical Informatics Associations
2008 – Present	Healthcare Information and Management Systems Society
2017 – Present	American Society of Clinical Oncology
2017 – Present	Oncology Nursing Society
2017 – Present	American Nurses Association
2017 – Present	American Nursing Informatics Associations

HONORS

2007	Summa Cum Laude, School of Nursing, Seoul National University, Seoul, Korea (ROK)
2007 – Present	Sigma Theta Tau International Honor Society of Nursing Member
2009	Who's Who among Students in American University & Colleges
2015	Postdoctoral Professional Development Travel Award, Northwestern University, Chicago, IL
2020 – 2021	American Nursing Informatics (ANI) Nursing Informatics Emerging Leaders Program

SCHOLARSHIPS

2003 – 2006	Honored Student Scholarship, Seoul National University, Seoul, Korea (ROK)

PUBLICATIONS

Refereed Articles (♦ = data-based; § = senior author, underlined = trainee or student**)**

1. ♦ Park HA, Min YH, Kim Y, Lee MK, **Lee YJ**. Development of Detailed Clinical Models for Nursing Assessments and Nursing Interventions. *Healthcare Informatics Research*. 2011;17(4): 244-252.

2. ♦ Sheehan B, **Lee YJ**, Rodriguez M, Tiase V, Schnall R. A Comparison of Usability Factors of Four Mobile Devices for Accessing Healthcare Information by Adolescents. *Applied Clinical Informatics*. 2012;3(4): 356-366.

3. ♦ **Lee YJ**, Boden-Albala B, Leigh Q, Adam W, Bakken S, Weng C. Predictors of Health Information- Seeking Behaviors in Hispanics. *11th International Congress on Nursing Informatics Proceedings*. 2012:243-247. PMCID: PMC3799171

4. ♦ Okoniewski A, **Lee YJ**, Rodriguez M, Low A, Schnall R. Health Information Seeking Behaviors of Ethnically Diverse Adolescents. *Journal of Immigrant and Minority Health*. 2014; 16(4):652-60.

5. ♦ **Lee YJ,** Boden-Albala B, Larson E, Wilcox A, Bakken S. Online Health Information Seeking Behaviors of Hispanic in New York City. *Journal of Medical Internet Research.* 2014; 16(7) :e176

6.   ♦ **Lee YJ**, Boyd AD, Li J, Gardeux V, Kenost C, Li H, Krishnan JA, Lussier YA. COPD Hospitalization Risk Increased with Distinct Patterns of Multiple Systems Comorbidities Unveiled by Network Modeling. *American Medical Informatics Association Annual Symposium Proceedings*. 2014; 855-864. PMCID: PMC4419951

7.   ♦ Soulakis ND, Carson MB, **Lee YJ**, Schneider DH, Skeehan CT, Scholtens DM. Visualization of Multidisciplinary, Collaborative Care for Hospitalized Heart Failure Patients. *Journal of American Medical Informatics Association*. 2015;22(2):299-311.

8.   ♦ **Lee YJ**, Boden-Albala B, Jia H, Larson E, Wilcox A, Bakken S. The Association between Online HISBs and Health Behaviors among Hispanics in New York City. *Journal of Medical Internet Research*. 2015;17(11):e261

9.   ♦ Kricke G, Carson M, **Lee YJ**, Benacka C, Soulakis N. Leveraging Electronic Health Record Documentation for Failure Mode and Effects Analysis Team Identification on an Inpatient Cardiology Unit. *Journal of American Medical Informatics Association.* 2017; 24(2): 288-294.

10.   **Lee YJ,** Arida J, Donovan H. The Application of Crowdsourcing Approaches to Cancer Research: A Systematic Review. *Cancer Medicine*. 2017; 6(11): 2595-2605.

11.   Han J, **Lee YJ**, Demiris G. Interventions Using Social Media for Cancer Prevention and Management: A Systematic Review. *Cancer Nursing*. 2018; 41(6): E19-31.

12.   ♦ Han S, Kim D, Shivakumar M, **Lee YJ**, Garg T, Kim J, Kim D, Lee Y. The Effects of Alternative Splicing on miRNA Binding Sites in Bladder Cancer. *PLOS One*. 2018; 13(1): e0190708.

13.   ♦ Kim DW, Shivakumar M, Sinclair M, **Lee YJ**, Olufunmilayo O, Kim DK, Lee YH. Population-dependent Intron Retention and DNA Methylation in Breast Cancer. *Molecular Cancer Research*. 2018; 16(3): 461-9.

14.   ♦ Hand L, Thoams T, Belcher S, Campbell G, **Lee YJ**, Roberge M, Lizaso C, Sparacio D, Donovan H. Caregiving is a Marathon, Not a Road Race: Re-envisioning Caregiver Support Services in Gynecologic Oncology. *International Journal of Gynecological Cancer*. 2018; 28(9): 1722-7.

15.   ♦ **Lee YJ,** Kamen C, Margolies L, Boehmer, U. Online Health Community Experiences of Sexual Minority Survivors with Breast Cancer. *Journal of American Medical Informatics Association.* 2019; 26(8-9):759-66.

16.   ♦ Jang H, **Lee YJ**, Carenini G, Ng R, Campbell G, Ho K. Neural Prediction of Patient Needs in an Ovarian Cancer Online Discussion Forum. In: Meurs MJ., Rudzicz F. (eds) *Advances in Artificial Intelligence*. Canadian AI 2019. Lecture Notes in Computer Science, vol 11489 (pp. 492-497). Springer, Cham. https://doi.org/10.1007/978-3-030-18305-9_50

17.   ♦ Campbell G, Thomas TH, Hand L, **Lee YJ**, Taylor SE, Donovan H. Caring for Survivors of Gynecologic Cancer: Assessment and Management of Long-term and Late Effects. *Seminars in Oncology Nursing.* 2019; 35(2): 192-201.

18.   ♦ Hand LC, Thomas TH, Belcher S, Campbell G, **Lee YJ**, Roberge M, Donovan HS. Defining

4

Essential Elements of Caregiver Support in Gynecologic Cancers Using the Modified Delphi Method. *Journal of Oncology Practice*. 2019; 15(4):e369-81.

19.   ♦ Ge A, Jang H, Carenini G, Ho K, **Lee YJ**. Octvis: ontology-based comparison of topic models. In *2019 IEEE Visualization Conference (VIS)* 2019 Oct 20 (pp. 66-70). IEEE.

20.   ♦ **Lee YJ,** Bryce C, Jain S, Kraschnewski J, McTigue K. Patient-Centered Visualization on Supporting Patients' Decision-Making. *European Journal of Person-Centered Healthcare*. 2019; 7(4):630-9.

21.   ♦ Campbell G, Boisen M, Hand L, **Lee YJ**, Lersch N, Roberge M, Suchonic B, Thomas T, Donovan H. Integrating Family Caregiver Support into a Gynecologic Oncology Practice: An ASCO Quality Training Program Project. *Journal of Oncology Practice*. 2020;16(3):e264-70.

22.   ♦ **Lee YJ,** Park A, Roberge M, Donovan H. What Can Social Media Tell Us about Patient Symptoms: A Text Mining Approach to Online Ovarian Cancer Forum. *Cancer Nursing*. 2020 Jul 8. (Online ahead of print).

23.   ♦ **Lee YJ,** Brazile T, Galbiati F, Bryce C, Jain S, Kraschnewski J, McTigue K. Understanding Shared Decision-Making Experience among Vulnerable Population: Focus Group with Food Bank Clients. *Journal of Clinical and Translational Science*. 2020;5(1):e37.

24.   ♦ **Lee YJ**, Jang H, Campbell G, Carenini G, Thomas T, Donovan H. Identifying Language Features Associated with Needs of Ovarian Cancer Patients and Caregivers Using Social Media. *Cancer Nursing*. 2021 Feb 12. (Online ahead of print).

25.   ♦ Thomas T, Campbell G, **Lee YJ**, Roberge M, Ken E, Steel J, Posluszny D, Arida J, Belcher S, Sherwood P, Donovan H. Priorities to Improve Cancer Caregiving: Report of a Caregiver Stakeholder Workshop. *Supportive Care in Cancer*. 2021;29(5):2423-34.

26.   ♦ Jang H, Bang S, Carenini G, Ng R, **Lee YJ**. KW-ATTN: Knowledge Infused Attention for Accurate and Interpretable Text Classification. *In Proceedings of Deep Learning Inside Out (DeeLIO): The 2nd Workshop on Knowledge Extraction and Integration for Deep Learning Architectures* (pp. 96-107).

27.   ♦§ <u>Hui V</u>**,** Brazee R, Rosenzweig M, **Lee YJ.** The Association between Hormone Receptor Reactivity and the Quality of End-of-Life Care Received among Patients with Metastatic Breast Cancer (MBC). *Clinical Journal of Oncology Nursing*. 2022;26(2):198-203.

28.   ♦ Campbell G, Belcher S, **Lee YJ**, Courtney-Brooks M, Bovbjerg D, Bizhanova Z, Donovan H. Intensive Daily Symptom and Function Monitoring is Feasible and Acceptable to Women Undergoing First Line Chemotherapy for Gynecologic Cancer. *Cancer Nursing*. 2022 Jan 12.

29.   ♦§ <u>Thaker K, Chi Y, Birkhoff S</u>, He D, Donovan H, Rosenbum L, Brusilovsky P, <u>Hui V,</u> **Lee YJ**. Exploring Resource Sharing Behaviors for Finding Relevant Health Resources: An Analysis of an Online Ovarian Cancer Community. JMIR cancer. 2022;8(2):e33110.

30.   ♦§ <u>Chi Y, Thaker K,</u> He D, <u>Hui V,</u> Donovan H, Brusilovsky P, **Lee YJ**. Knowledge Acquisition and Social Support in an Online Health Community for Ovarian Cancer. *JMIR Cancer*. 2022. In press.

31. §Koehle1 H, Kronk C, **Lee YJ**. Digital Health Equity: Addressing Power, Usability, and Trust to Strengthen Health Systems. *IMIA Yearbook of Medical Informatics*. 2022. In press.

32. Thomas TH, Go K, Go K, McKinley NJ, Dougherty KR, You KL, **Lee YJ**. Empowerment through technology: A systematic evaluation of the content and quality of mobile applications to empower individuals with cancer. *International Journal of Medical Informatics*. 2022; 29:104782.

33. ♦§ Rahdari B, Brusilovsky P, He D, Thaker KM, Luo Z, **Lee YJ**. HELPeR: An Interactive Recommender System for Ovarian Cancer Patients and Caregivers. InProceedings of the 16th ACM Conference on Recommender Systems 2022 Sep 18 (pp. 644-647).

34. ♦ **Lee YJ,** Jeong K, Abebe K, Hamm M, McTigue K**.** Assessing Narrative Engagement in Unstructured Patient Stories: Implications for Stakeholder Engagement Infrastructure. *Applied Clinical Informatics.* Under Review.

35. ♦§ Rahdari B, Thaker K, Birkhoff S, Brusilovsky P, Donovan H, He D, Hui V, Luo Z, **Lee YJ**. HELPeR: A Knowledge-Based Patient-Focused Health Recommender System. *The 2023 ACM SIGIR Conference on Human Information Interaction and Retrieval.* Under Review.

36. ♦§ Birkhoff S, Donovan H , **Lee YJ.** Identifying oncology caregivers' pre-treatment educational needs to inform future nurse-led virtual reality development. Journal for Nurses in Professional Development. Under Review

Published Abstracts (♦ = data-based; § = senior author, underlined = trainee or student**)**

1. ♦ Kricke G, Carson M, **Lee YJ**, Benacka C, Ahmad F, Mutharasan RK, Kansal P, Yancy C, Anderson A, Soulakis N. Leveraging Electronic Health Record Documentation for Failure Mode and Effects Analysis Team Identification on an Inpatient Cardiology Unit. *Circulation: Cardiovascular Quality and Outcomes*. 2016;9:A215. [Poster presentation. American Heart Association. Quality of Care and Outcomes Research 2016. February, 2016. Phoenix, AZ].

2. ♦ **Lee YJ**, Donovan H. Application of Text Mining in Cancer Symptom Management. *Studies in Health Technology and Informatics*. 2016;225:930-1. [Poster presentation. 13th International Congress in Nursing Informatics. June, 2016. Geneva, Switzerland].

3. ♦ Belcher S, Campbell G, Thomas T, **Lee YJ**, Lersch N, Roberge M. A Comparison of the Unmet Needs of Gynecologic Cancer Survivors with a History of One versus Multiple Primary Cancers. *Oncology Nursing Forum*. 2018;45(2):245. [Poster presentation. Oncology Nursing Society 43rd Annual Congress. May, 2018. Washington D.C.].

4. ♦ **Lee YJ,** Campbell G, Thomas T, Donovan H. Network Analysis of Symptoms among Women with Recurrent Ovarian Cancer. *International Journal of Gynecological Cancer*. 2018;28 (Suppl 3):128-129. [Poster presentation. European Society of Gynecologic Cancer State of the Art Conference 2018. October, 2018. Lyon, France].

5. ♦ **Lee YJ,** Jang H, Campbell G, Carenini G, Thoams T, Donovan H. Identifying Language Features Associated with Needs of Ovarian Cancer Patients and Caregivers Using Social Media. *International Journal of Gynecological Cancer*. 2018;28 (Suppl 3):196-197. [Poster

presentation. European Society of Gynecologic Cancer State of the Art Conference 2018. October, 2018. Lyon, France].

6.   ♦ Campbell G, **Lee YJ**, Thomas T, Donovan H. Early-onset Continuous CIPN Predicts Difficulty with Life Activities at Chemotherapy Completion. *International Journal of Gynecological Cance*r. 2018;28 (Suppl 3): 140-141. [Poster presentation. European Society of Gynecologic Cancer State of the Art Conference 2018. October, 2018. Lyon, France].

7.   ♦ Thomas T, Campbell G, **Lee YJ**, Sereika S, Donovan H. The Longitudinal Relationship between Ovarian Cancer Survivors Communication of Priority Symptoms and Symptom Severity: Establishing the Need for Appropriate Symptom Communication Patterns. *International Journal of Gynecological Cancer*. 2018;28 (Suppl 3): 144-145. [Poster presentation. European Society of Gynecologic Cancer State of the Art Conference 2018. October, 2018. Lyon, France].

8.   ♦ Hand L, Campbell G, Thomas T**, Lee YJ**, Belcher S, Roberge M, Donovan H. Essential Elements of Caregiver Support in Gynecologic Oncology. *Journal of Clinical Oncology*. 2018;36 (30 Suppl):160-160. [Poster Presentation. 2018 ASCO Quality Care Symposium. September 2018, Phoenix, AZ].

9.   ♦ **Lee YJ,** Campbell G, Thomas T, Donovan H. Network Analysis of Symptoms among Women with Recurrent Ovarian Cancer. *Oncology Nursing Forum*. 2019;46(2):5. [**Research Best Abstract Presentation.** Podium Presentation. Oncology Nursing Society 44th Annual Congress. April, 2019. Anaheim, CA].

10.   ♦ **Lee YJ**, Jang H, Campbell G, Carenini G, Thomas T, Donovan H. Identifying Language Features Associated with Needs of Ovarian Cancer Patients and Caregivers Using Social Media. *Oncology Nursing Forum*. 2019;46(2):3. [Podium Presentation. Oncology Nursing Society 44th Annual Congress. April, 2019. Anaheim, CA].

11.   ♦ Campbell G, **Lee YJ**, Roberge M, Thomas T, Donovan H. Early-onset Continuous CIPN: An Indicator of Future Disability? *Oncology Nursing Forum*. 2019;46(2):268.[Poster Presentation. Oncology Nursing Society 44th Annual Congress. April, 2019. Anaheim, CA].

12.   Donovan H, Boisen M, Hand LC, **Lee YJ**, Lersch N, Roberge M, Suchnoic B, Thomas T, Campbell G. Family Caregiver Needs Assessment in a Gynecologic Oncology Practice: An ASCO Quality Training Program Project. *Journal of Clinical oncology*. 2019; 37(27 Suppl), 178-178. [Poster Presentation. 2019 ASCO Quality Care Symposium. September, 2019. San Diego, California]

13.   ♦ **Lee YJ**, <u>Niyu H</u>. Development of a Graph-Based Database for Ovarian Cancer Symptoms. *Studies in Health Technology and Informatics*. 2020;270:1253-4. [Poster Presentation. Medical Informatics Europe 2020. April, 2020. Geneva, Switzerland.]

14.   ♦ Donovan HS, Thomas TH, Boisen MM, Campbell G, Edwards RP, Hand LC, **Lee YJ**. Stability of symptoms and symptom clusters over time for women with recurrent ovarian cancer on GOG-259 - a GOG/nrg oncology study. *Gynecologic Oncology*. 2020;159(Suppl 1): 60. [Poster presentation. Society of Gynecologic Oncology 2020 Annual Meeting. March, 2020. Toronto, Canada].

15.   ♦ Donovan HS, Thomas TH, Campbell G, Hand L, **Lee YJ,** Bosien MM. Stability of symptoms and symptom clusters over time for women with recurrent ovarian cancer on GOG-259 - A GOG/NRG Oncology study. *Oncology Nursing Forum*. 2020;47(2):58. [Podium Presentation. Oncology Nursing Society 45th Annual Congress. May, 2020. San Antonio, TX.]

16.   ♦ Campbell G, Hand LC, Boisen, MM, Thomas TH, **Lee YJ**, Roberge M, Donovan HS. Identification and Assessment of Gynecologic Cancer Caregiver Distress: An Inpatient Quality Improvement Initiative. *Oncology Nursing Forum*. 2020;47(2):186-187. [Poster Presentation. Oncology Nursing Society 45th Annual Congress. May, 2020. San Antonio, TX.]

17.   ♦ **Lee YJ**, Harleigh N, Donovan H. Development of a Graph-Based Database for Ovarian Cancer Symptoms. *Oncology Nursing Forum*. 2020;47(2):6. [Podium Presentation. Oncology Nursing Society 45th Annual Congress. May, 2020. San Antonio, TX].

18.   ♦§ Chi Y, Hui V, Kunsak H, Brusilovsky P, Donovan H, He D, **Lee YJ.** Challenges of Ovarian Cancer Patient and Caregiver Online Health Information Seeking. Proceedings of the Association for Information Science and Technology. 2021 Oct; 58(1):688-90. [Poster Presentation. 84th Annual Meeting of the Association for Information Science & Technology (ASIS&T), Oct 30-Nov 2, 2021. Hybrid format]

19.   ♦§Birkhoff SD, Donovan H, **Lee YJ**. Opportunity to complement and enhance pre-treatment education for caregivers using virtual reality. Oncology Nursing Forum. 2022;49(2):E147-E148 [Poster Presentation. Oncology Nursing Society 47th Annual Congress, Anaheim, CA, April 27, 2022]

20.   ♦§Birkhoff SD, Donovan H, **Lee YJ**. Exploring Oncology Caregivers' Diverse Needs to Inform a Future Virtual Reality Experience. Nursing Research. 2022;71(3):S53-S53. [Poster Presentation. Eastern Nursing Research Conference 34th Annual Scientific Sessions, Providence, RI. March 31-April 1, 2022]

21.   ♦§Birkhoff SD, Donovan H, **Lee YJ**. Identifying Oncology Caregivers' Unmet Needs to Inform Future Nurse-led Virtual Reality Development. Supportive Care in Cancer. In press. [Poster Presentation. Multinational Association of Supportive Care in Cancer Annual Meeting. Toronto, Canada. June 23-25, 2022]

22.   ♦§ Zhao J, Donovan H, **Lee YJ.** A network analysis of comorbidities among ovarian cancer patients using a Surveillance, Epidemiology, and End Results (SEER) cancer registry. Oncology Nursing Society 48th Annual Congress. Submitted.

23.   § Wang Y, Bender C, **Lee YJ**. A scoping review of unmet needs in informal caregivers of gynecologic cancer patients. Oncology Nursing Society 48th Annual Congress. Submitted.

Reviews, Invited Published Papers, Proceedings, Monographs (♦ = data-based; § = senior author, underlined = trainee or student**)**

1.   ♦ Co M, **Lee YJ**, Lucero R. The Use of an Electronic Workflow Solution in Community-based Research. Proceedings of the American Medical Informatics Association Symposium 2011 Proceedings: 1722. [Poster presentation. American Medical Informatics Association Symposium 2011. October, 2011. Washington D.C.].

2.   ♦ **Lee YJ**, Johnson S, Trembowelski S, Schnall R, Sheehan B, Bakken S. Cognitive walkthrough evaluation of an investigator profiles directory. Proceedings of the American Medical Informatics Association Symposium 2011 Proceedings: 1853. [Poster presentation. American Medical Informatics Association Symposium 2011. October, 2011. Washington D.C.].

3.   ♦ Schnall R, Okoniewski A, **Lee YJ**, Rodriguez M. An Ecological Momentary Assessment of the Health Information Needs of Adolescents. Proceedings of the American Medical Informatics Association Symposium 2012 Proceedings: 1932. [Poster presentation. American Medical Informatics Association Symposium 2012. November, 2011. Chicago, IL].

4.   ♦ **Lee YJ**, Boland M, Bakken S, Weng C. Ontology Alignment for Linking a Homegrown Research Networking System to VIVO: Findings and Implications for Standards Development. AMIA Clinical Research Informatics Summit 2013 Proceedings:99. [Poster presentation. AMIA Clinical Research Informatics Summit 2013. March, 2013. San Francisco, CA].

5.   ♦ **Lee YJ,** Bakken S. Online Health Information Seeking Behaviors among Hispanics. American Medical Informatics Association Annual Symposium 2013 Proceedings: 854. [Poster presentation. American Medical Informatics Association Symposium 2013. November, 2013. Washington D.C.].

6.   ♦ **Lee YJ**. The Association between Numeracy Component of Health Literacy and Online Health Information Seeking Behavior. American Medical Informatics Association 2014 Annual Symposium Proceedings. 2014; 1487. [Poster presentation. American Medical Informatics Association Symposium 2014. November, 2014. Washington D.C.].

7.   ♦ Soulakis N, Carson M, Gravenor S, Dresden S, **Lee YJ**, Courtney DM. An Outcome-weighted Collaborative Network for Modeling Patient Satisfaction in the Emergency Department. Academic Emergency Medicine. 2015, 22: S69-S70. [Poster presentation. Society for Academic Emergency Medicine Annual Meeting 2015. May, 2015. San Diego, CA].

8.   ♦ Kircke G, Carson M, **Lee YJ**, Soulakis N. Improving Failure Mode and Effects Analysis through Electronic Health Record-Assisted Team Identification. American Medical Informatics Association 2015 Annual Symposium Proceedings; 1688. [Poster presentation. American Medical Informatics Association Symposium 2015. November, 2015. San Francisco, CA.].

9.   ♦ Carson M, Frailey C, Gravenor S, **Lee YJ**, Scholtens D, Soulakis N. A graph data model facilitates analysis of collaboration in an emergency department. American Medical Informatics Association 2015 Annual Symposium Proceedings; 1432. [Poster presentation. American Medical Informatics Association Symposium 2015. November, 2015. San Francisco, CA.].

10.   ♦ **Lee YJ**, Benecka C, Carson M, Kricke G, Kansal P, Soulakis N. Understanding the Complexity of Discharge Planning in the Inpatient Cardiology Unit. American Medical Informatics Association 2015 Annual Symposium Proceedings; 1549. [Poster presentation. American Medical Informatics Association Symposium 2015. November, 2015. San Francisco, CA.].

11.   ♦ **Lee YJ**, Park A, Roberge M, Donovan H. Understanding Ovarian Cancer Symptoms from Patients' Perspective: A Topic Modeling Approach; 2017 American Medical Informatics Association Annual Symposium Proceedings; 2093. [Poster presentation. American Medical

Informatics Association Symposium 2017. November, 2017. Washington D.C.].

12. **§** <u>Hui V</u>, Klem ML, Constantino R, **Lee YJ**. Harnessing Health Information Technology in Family Violence in the United States – Systematic review. 2019 American Medical Informatics Association Annual Symposium Proceedings: 1612. [Poster presentation. American Medical Informatics Association Symposium 2019. November, 2019. Washington D.C.].

13. ♦ **Lee YJ**, Campbell G, <u>Han V</u>, Jang H. Dialog Act Classification (DCA) for Automated Classification of Online Health Communities. 2019 American Medical Informatics Association Annual Symposium Proceedings: 1652. [Poster presentation. American Medical Informatics Association Symposium 2019. November, 2019. Washington D.C.].

14. ♦**§** <u>Tahker K</u>, He D, Brusilovsky P, **Lee YJ**. Automated categorization of online health documents using Domain Specificity. 2020 American Medical Informatics Association Annual Symposium Proceedings:1944. [Poster Presentation. American Medical Informatics Association 2020 Virtual Annual Symposium. November, 2020]

15. ♦**§** <u>Wang Z</u>, Bruilovsky P, Donovan H, Hui V, Klem ML, <u>Przybylak D</u>, <u>Reis H</u>, He D, **Lee YJ**. Machine learning based iterative annotation system for Ovarian Cancer articles. 2020 American Medical Informatics Association Annual Symposium Proceedings: 1958. [Poster Presentation. American Medical Informatics Association 2020 Virtual Annual Symposium. November, 2020]

16. ♦**§** <u>Hui V</u>, <u>Wang Z</u>, **Lee YJ**. What can online Ovarian Cancer Forum Present Us about Patients' Information Needs? - A Text-Mining Approach. American Medical Informatics Association 2021 Virtual Informatics Summit Proceedings: 810. [Poster Presentation. American Medical Informatics Association 2021 Virtual Informatics Summit].

17. Tiase V, Austin R, **Lee YJ**, Martin C. Leveraging PGHD in Clinical Workflows: Opportunities and Challenges for Use in Patient Care. 2021 American Medical Informatics Association Annual Symposium Proceedings: 157-159. [Podium Presentation. American Medical Informatics Association 2021 Annual Symposium. November, 2021. San Diego, CA]

18. **Lee YJ**, Cato K, Albashayreh A, Alexander G, Backonja U, Bakken S, Creber R, Sabin J, Weiskopf N. Exploring Mechanisms to Examine Racial Biases within a LHS Framework. American Medical Informatics Association 2021 Annual Symposium. [Workshop. American Medical Informatics Association 2021 Annual Symposium. November, 2021. San Diego, CA]

19. ♦**§** <u>Thaker K, Birkhoff S, Hui V, Wang Z</u>, Brusilovsky P, He D, **Lee YJ**. Towards building a Recommender System: Analyzing Resource Sharing on an Online Ovarian Cancer Community. 2021 American Medical Informatics Association Annual Symposium Proceedings: 1851. [Poster Presentation. American Medical Informatics Association 2021 Annual Symposium. November, 2021. San Diego, CA]

20. ♦**§**<u>Birkhoff SD</u>, Donovan H, **Lee YJ**. Exploring oncology caregivers' diverse needs to inform a future virtual reality experience. Podium Presentation. 34th Annual Scientific Sessions of Eastern Nursing Research Society. March 31-April, 2022. Providence, RI.

21. Austin R, DeSilvey SC, Hewner S, Hull SC, **Lee YJ**, Reimer A, Wetta R. Examining Implications and Use of Social Determinants of Health Data. 2022 American Medical Informatics Association Annual Symposium Proceedings: [Workshop. American Medical

Informatics Association 2022 Annual Symposium. November, 2022. Washington DC]

22.   ♦§ <u>Gee J</u>, **Lee YJ**, Donovan H, Campbell G, Thomas T, Loughlin K, Murray P. Translating Narrative Clinical Reports into Quantified Data by Adapting Nursing Intervention Classifications (NIC). 14th ACENDIO Conference. Accepted.

23.   ♦Oniani D, Sreekumar S, DeAlmeida R, DeAlmeida D, <u>Lee YJ</u>, Zhang Y, Zhou L, Wang Y. Toward Improving Health Literacy in Patient Education Materials with Neural Machine Translation Models. American Medical Informatics Association Informatics Summit 2023. Submitted.

24.   ♦§ <u>Hui V</u>, <u>Zabala J</u>, <u>Eby M</u>, Constantino R, Lee H, Zelazny J, Chang JC, He D, **Lee YJ**. Association between linguistic features and help-seeking among women with intimate partner violence in online health communities (OHCs). American Medical Informatics Association Informatics Summit 2023. Submitted.

RESEARCH

Research Grants (Funded)

Role: Principal Investigator   8/2015 – 7/2018
Type: Ruth Perkins Kuehn Research Award
Funding Agency: School of Nursing University of Pittsburgh
Title: Applying Network Analysis to Big Social Data to Understand Patterns of Symptoms and Unmet Needs Among Ovarian Cancer Survivors
Award: $19,102 (direct cost)
The goal of this study is to explore the symptom clusters and associated needs among ovarian cancer survivors using social media.

Role: Co-Investigator (PI: Kathleen McTigue, MD, MPH)   9/2015 – 9/2019
Type: PCORnet, the National Patient-Centered Clinical Research Network
Funding Agency: Patient-Centered Outcomes Research Institute (PCORI)
Title: This work falls under PaTH Clinical Research Network Infrastructure Contract (PI: McTigue) Development of Patient-Centered Infographic through Crowdsourcing Approach
Award: $19,591
As a part of the PCORnet, the aim of project is to develop and evaluate patient-centered infographics for use in disseminating comparative effectiveness research (CER) findings.

Role: Co-Investigator (PI: Heidi Donovan, PhD, RN)   8/2017 – 7/2019
Type: RPCI-UPCI Ovarian Cancer SPORE Award
Funding Agency: Rosewell Park Cancer Institute
Title: Provider and Patient Influences an Adherence to Standard of Care Treatment for Ovarian Cancer across the UPMC Catchment Area
Award: $40,000
The aims of study are to (1) evaluate existing cancer registry, medical record and clinical pathway data to identify the range of factors that put patients at risk for receiving sub-optimal treatment across a large healthcare system in Western Pennsylvania, and (2) use in-depth focus group interviews with patients, family caregivers, and providers to identify patient- and provider- related barriers to initiating and persisting with best standard-of-care treatment.

Role: Principal Investigator   1/2018 – 12/2018
Type: Center for Research and Evaluation Pilot/Feasibility Program
Funding Agency: School of Nursing, University of Pittsburgh
Title: Development of Computational Model to Identify Linguistic Markers of Symptom Management
Strategies
Award: $15,000
The goal of this study is to develop a computational model to identify linguistic markers that can
recognize psycho-cognitive aspects of care personalization using PROs.

Role: Principal Investigator   2/2019 – 6/2019
Type: RoAD Trip program
Funding Agency: NIH Big Data to Knowledge (BD2K) Training Coordinating Center (TCC)
Title: Data-driven Patient Timelines from Registry and Electronic Medical Records: Ovarian Cancer
Study
Award: $4,000
The goal of this study is to build a model that directs questions of suboptimal delivery as well as other
important time-dependent, recurrent event data-type questions relevant to ovarian cancer treatment.

Role: Principal Investigator   7/2019 – 6/2022
Type: Central Research Development Fund of University of Pittsburgh
Funding Agency: University of Pittsburgh
Title: Development of Computational Model to Predict Patients at Risk for Poor Quality of Death in
Metastatic Breast Cancer (MBC)
Award: $16,000
The goal of this study is to develop a computational model to predict patients who are at risk for poor
quality of death in MBC.

Role: Principal Investigator   7/2019 – 6/2021
Type: Center for Research and Evaluation Pilot/Feasibility Program
Funding Agency: School of Nursing, University of Pittsburgh
Title: Development of Computational Model to Predict Patients at Risk for Poor Quality of Death in
Metastatic Breast Cancer (MBC) and Ovarian Cancer
Award: $15,000
The aims of the study are to (1) develop a computational model to predict the quality of end-of-life
(EOL) care among ovarian cancer patients, and (2) develop a computational model that integrates both
MBC and ovarian cancer to predict the quality of EOL care.

Role: Principal Investigator (MPI: Lee, He)   9/2019 – 7/2023
Type: R01
Funding Agency: NIH, NLM, R01 LM013038
Title: Development and Implementation of a Health e-Librarian with Personalized Recommender
(HELPeR)
Award: $1,287,951
The goal of this project is to develop and test a digital librarian driven by an innovative hybrid filtering
recommender system to provide personalized, relevant online information to cancer patients.
Role: co-Investigator (MPI: Donovan, Beach, Parmanto)   10/2019-9/2024
Type: n/a
Funding Agency: DHHS/Administration for Community Living
Title: Center for Research, Training, and Dissemination of Family Support for People with Disabilities
across the Life Course
Award: $4,374,995

The goal of this project is to develop and test a digital librarian driven by an innovative hybrid filtering recommender system to provide personalized, relevant online information to cancer patients.

Role: co-Investigator (PI: Heidi Donovan, PhD, RN)   1/2020 – 8/2021
Type: n/a
Funding Agency: Clovis Oncology
Title: Family Caregiver Resource Development and Evaluation
Award: $125,000
The purpose of this project is to implement and evaluate a comprehensive library of self-management guides for women with gynecologic cancers and their family caregivers.

Research Grants (Submitted)

Role: co-Investigator   Submitted in Oct, 2022

Type: R01
Funding Agency: NIMHD
Title: Reducing Health Care Disparities through an Innovative Telehealth Patient Education System
Award: N/A
The goal of this study is to address the limitations in patient education for minority populations through a telehealth platform named MyMedEd consisting of novel NLP techniques for personalized and light-weighted education materials, a mobile patient education application for patients, and a Web-based portal for health care providers

Training Grants

Role: Affiliated Faculty (PI: DeVito Dabbs)   7/2017 – 6/2022
Type: T32
Funding Agency: NINR, T32NR008857
Title: Technology Research in Chronic and Critical Illness
The use of technology to monitor, deliver, and manage health is becoming more and more pervasive. This training grant provide rigorous research training and interdisciplinary culturalization to aid clinical scientists in adopting technology to promote health, manage illness, reduce disability, and enhance quality of life.

Role: Core Faculty (PI: Hochheiser)   7/1987 – 6/2022
Type: T15
Funding Agency: NLM, T15LM007059
Title: Pittsburgh Biomedical Informatics Training Program
The grant would support predoctoral and postdoctoral studies for eligible candidates interested in pursuing research careers in biomedical informatics. The program offers research training in the application of informatics to problems in translational sciences, clinical sciences, clinical research and public health.

Additional Research Activities

Role: Research Assistant (PI, Suzanne Bakken, PhD, RN, FAAN, FACMI)   9/2010 – 6/2012
Type: P30 NR010677
Funding Agency: NIH, NINR

Title: Center for Evidence-based Practice in the Underserved

Role: Research Assistant (PI, Suzanne Bakken, PhD, RN, FAAN, FACMI)   7/2012 – 7/2013
Type: R01 HS019853
Funding Agency: AHRQ
Title: Washington Heights Inwood Informatics Infrastructure Comparative Effectiveness Research (WICER)

OTHER SCHOLARLY ACTIVITIES

Grant Reviewer

8/2018	Reviewer, Leslie A. Hoffman Nursing Research Fund. University of Pittsburgh School of Nursing
8/2019	Reviewer, Ruth Perkins Kuehn Award. University of Pittsburgh School of Nursing
3/2020	Ad Hoc Member, National Institute of Health (NIH) Study section ZRG1 HDM W03, W90
2/2022	Ad Hoc Member, National Institute of Health (NIH) Study section Health Services: Quality and Effectiveness

Peer-Reviewed Manuscript Reviewer

2014– Present	Reviewer, Journal of Medical Internet Research
2014– Present	Reviewer, Health Psychology
2014– Present	Reviewer, International Journal of Environmental Research and Public Health
2015– Present	Reviewer, Journal of American Medical Informatics Association
2015– Present	Reviewer, Methods of Information in Medicine
2015– Present	Reviewer, BMC Medical Informatics and Decision Making
2016– Present	Reviewer, CIN: Computers, Informatics, Nursing
2016– Present	Reviewer, Western Journal of Nursing Research
2018– Present	Reviewer, Health Informatics Journal
2018– Present	Reviewer, Health Equity
2020– Present	Reviewer, Applied Clinical Informatics (ACI) Open
2020– Present	Reviewer, Cancer Nursing
2021– Present	Reviewer, Psycho-Oncology

Abstract Reviewer

2012– Present	Reviewer, American Medical Informatics Assocations Annual Symposium
December, 2021	Reviewer, Machine Learning for Health (ML4H) (ML4H 2021)

UNPUBLSIHED PRESENTATIONS

International

1.   **Lee YJ**, Park HA, Min YH, Kim Y, Lee MK. Development and Validation of Core Concept Hierarchy for Pain. The China-Japan-Korea Medical Informatics Fall Conference 2009. October, 2009. Daejeon, Korea. [Podium Presentation]

2.   Yoon S, Odlum M, **Lee YJ**. Analytic Strategies of Streaming Data for eHealth. Tutorial. 13th International Congress in Nursing Informatics. June, 2016. Geneva, Switzerland. [Podium Presentation]

3.   Chung SJ, **Lee YJ**. An Application of Machine Learning for the Identification of Adolescent Smoking Risk Factors. Sigma Theta Tau International's 28th International Nursing Research Congress. June, 2017. Dublin, Ireland. [Poster presentation]

4.   **Lee YJ**. Development and Implementation of a Health e-Librarian with Personalized Recommender (HELPeR). College of Nursing, Seoul National University. Seoul, Korea. April 21, 2021. Invited Speaker.

5.   **Lee YJ.** Big Data Analytics in Nursing Research: Tools and Examples. College of Nursing, Chung-Ang University. April 30, 2021. Invited Speaker.

6.   **Lee YJ.** Integrating Patient-Generated Health Data (PGHD) in Nursing Research. The 2021 International Nursing Conference Nursing Science Research Institute. Big Data Science in Health Care: Research to Practice. Chung-Ang University. October 29, 2021. Invited Speaker.

National

1.   **Lee YJ,** Boland M, Bakken S, Weng C. Aligning One CTSA's Research Networking System to VIVO. Podium Presentation. 2012 CTSA Annual Informatics Meeting. November, 2012. Chicago, IL. [Podium Presentation]

2.   Carson M, **Lee YJ**, Soulakis N. Analysis of Care Coordination Networks for Deceased Heart Failure Patients. Poster Presentation. 5th Annual International Science of Team Science Conference. August, 2014. Austin, Texas.   [Poster Presentation]

3.   **Lee YJ**, Carson M, Soulakis N. Identifying and Evaluating Care Team Composition for Heart failure Hospitalizations. Poster Presentation. 5th Annual International Science of Team Science Conference. August, 2014. Austin, Texas.   [Poster Presentation]

4.   **Lee YJ**. Development of a Health e-Librarian with Personalized Recommender (HELPeR). Department of Biomedical Informatics Research Colloquium. Vanderbilt University. Nashville, TN. January 28, 2021. Invited speaker.

Local / Regional

1.   **Lee YJ.** Listening to survivor's voice through social media. Brain, Behavior, and Cancer Seminar Series, University of Pittsburgh Cancer Institute. Pittsburgh, PA. April 25, 2018. Invited speaker.

2.   **Lee YJ.** Developing a Cancer Caregiving Ontology to Identify Novel Outcome. Inaugural Cancer and Caregiving Research Conference and Caregiver Workshop. University of Pittsburgh. February 12-13, 2020. Invited speaker.

3.   **Lee YJ**. Big Data Analytics in Nursing Research: Tools and Examples. Research Methodology

Series. School of Nursing, University of Pittsburgh. February 17, 2020.

4. **Lee YJ.** Health e-Librarian with Personalized Recommender (HELPeR) System for Ovarian Cancer Patients and Caregivers. Brain, Behavior, and Cancer Seminar Series, University of Pittsburgh Cancer Institute, Pittsburgh PA. September 24, 2020. Invited speaker.

5. **Lee YJ**, Jeong K, Abebe K, Hamm M, McTigue K. Measuring the Narrative Engagement of Patients Stories of Illnesses. 2021 Cross-Disciplinary Conference on Engaging Humanities in Health. University of Pittsburgh. Pittsburgh, PA. April 9-10, 2021. [Podium Presentation]

6. Fiore de Abril C, Hamm M, **Lee YJ**, McTigue K. Exploring the perspectives & experience of patients and caregivers during the COVID-19 Pandemic through storytelling. 2021 Cross-Disciplinary Conference on Engaging Humanities in Health. University of Pittsburgh. Pittsburgh, PA. April 9-10, 2021. [Podium Presentation]

7. Birkhoff SD, **Lee YJ**. Exploring caregivers' oncology pretreatment experiences. National Center on Family Support's Second Bi-annual Conference on Caregiving Research. University of Pittsburgh, Pittsburgh, PA. March 3, 2022. [Poster Presentation]

TEACHING

Courses Taught at the University of Pittsburgh, School of Nursing (last 5 years)

2015 (Fall) – present	NURSP 2075	Introduction to Health Informatics (MSN, DNP Program)
2016 (Spring) – present	NURSP 2085	Nursing Informatics Practicum I (MSN Program)
2016 (Spring) – present	NURSP 2086	Nursing Informatics Practicum II (MSN Program)
2016 (Spring) – present	NURSP 2076	Clinical Information Systems (MSN Program)

Guest Lecturer (last 5 years)

Term/Years	Course Number & Title	Level	Topic of Lecture
Summer 2015	CoSBBI (Computer Science, Biology and Biomedical Informatics)	Undergraduate	Introduction to Nursing Informatics
Fall 2015	Department of Biomedical Informatics Colloquium	Graduate, Faculty	Informatics Approaches to Enhance Patient Engagement
Spring 2018, Spring 2019, Fall 2019	NUR 0086 Nursing Informatics	Undergraduate	Listening the patient's voice – what nursing informatics can do?
Fall 2018	NUR 3044 Research Emphasis Seminar: Cancer Survivorship	Doctorate	Listening survivor's voice – What nursing informatics can do?
Summer 2020	NUR 3072 State of the Science: Applications of Machine Learning in Health	Doctorate	Textual Data in Nursing Research

Sciences

Fall 2021	NUR 3044 Research Emphasis Seminar: Cancer Survivorship	Doctorate	Integrating Patient-Generated Health Data (PGHD) in Nursing Research

THESIS, DISSERTATION AND MENTORING

Postdoctoral Research

1. Susan Birkhoff, PhD, RN   2021 – Present

    "Leveraging Virtual Reality Before and During Oncology Treatments" (Technology: Research in Chronic and Critical Illness, T32 NR008857)   **Lee YJ (Primary Mentor)**

Graduate Faculty Activity

Dissertation Committee Chair
1. Vivian Hui, BSN, RN   2018 – 2022

    "Exploring Help-Seeking Behavior in Online Health Communities among Women with Domestic Violence Experiences"
    Current: Assistant Professor, The Hong Kong Polytechnic University (PolyU)

Dissertation Committee Member
1. Linden Wu, PhD, MSN, RN   2018– 2019

    "Relationships Among Cyber Dating Abuse, Binge Drinking, and Emotion Dysregulation in College Students" (Chair: Elizabeth Schlenk)

2. Janet Arida, PhD, RN   2016– 2020

    "Symptom Representations and Meaning-Making in Mothers with Recurrent Ovarian Cancer: A Mixed-Methods Investigation" (Chair: Heidi Donovan)

3. Tiffany Pellathy, PhD, ACNP-BC, RN   2018 – 2020

    "Predicting Dynamically Evolving New-Onset Venous Thromboembolic (VTE) Event Risk in Hospitalized Patients" (Chair: Marilyn Hravnak)

4. Yu Chi, BS (School of Computing and Information)   2020 – Present

    "Health Consumers' Knowledge Learning in Online Health Information Seeking"
    Anticipated Defense: Summer, 2021 (Chair: Daqing He)

Doctoral Advisee (PhD program)
1. Youjia Wang, BSN, RN   2021 – Present

    Started PhD/DNP dual program in Fall, 2021

MSN Advisee (Nursing Informatics Program)
1.   Danielle Siarri, MSN, RN   2015– 2016

2.	Kathryn Fowler, MSN, RN	2015– 2016
3.	Michelle Lienemann, MSN, RN	2015– 2016
4.	Shelly Jones, MSN, RN	2015– 2016
5.	Heidilyn Dolinich, MSN, RN	2015– 2016
6.	Erin Wood, MSN, RN	2015– 2017
7.	Clarissa Dangler, MSN, RN	2015– 2017
8.	Tahirah Marks, MSN, RN	2015– 2019
9.	Alexis Mathew, MSN, RN	2017– 2019
10.	Angela Pisarra, BSN, RN (Anticipated graduate: Fall, 2021)	2018– Present
11.	Catherine Schofield, BSN, RN (Anticipated graduate: Fall, 2021)	2018– Present
12.	Joyce Gee, BSN, RN (Anticipated graduate: Spring, 2022)	2019– Present
13.	Jose Enrique Cordova, BSN, RN (Anticipated graduate: Spring, 2022)	2019– 2022
14.	Andrew Kaslewicz, BSN, RN (Anticipated graduate: Spring, 2022)	2019– Present
15.	Kristin Kerfoot, BSN, RN (Anticipated graduate: Spring, 2022)	2020– 2022
16.	Jeniffer Ignao, BSN, RN (Anticipated graduate: Summer, 2024)	2022– Present
17.	Matthew Butoryak, BSN, RN (Anticipated graduate: Summer, 2024)	2022– Present

Medical Student Research Mentoring (Primary Mentor)

1. Chantel Brooks (Howard University)   Summer, 2021

   T15 Summer Research (T15LM007059), Department of Biomedical Informatics, University of Pittsburgh

2. Adriana Rush (University of South Carolina)   Summer, 2021

   T15 Summer Research (T15LM007059), Department of Biomedical Informatics, University of Pittsburgh

Undergraduate Research Mentoring (Primary Mentor)

1. Kojo Frimpong (Lincoln University)   Summer, 2017

   "Development of a Detailed Clinical Model for Assessing Nausea" (Department of Biomedical Informatics CoSBBI Program, University of Pittsburgh)

2. Victoria Han (University of Pittsburgh)   Summer, 2018

   "Dialog Act Classification for Automated Classification of Online Cancer Forum" (Department of Biomedical Informatics CoSBBI Program, University of Pittsburgh) Poster presentation. American Medical Informatics Association Symposium 2019. November, 2019. Washington D.C.

3. Harleigh Niyu Hill (Duquesne University)   Summer, 2019

   "Understanding Symptoms in Patients with Ovarian Cancer: Use of Online Health Communities and a Graph-Based Database" (Department of Biomedical Informatics CoSBBI Program,

University of Pittsburgh) Poster Presentation at Medical Informatics Europe 2020. April, 2020. Geneva, Switzerland; Podium Presentation at Oncology Nursing Society 45th Annual Congress. May, 2020. San Antonio, TX.

4.   Jiayi (Jessie) Zhu (University of Pittsburgh)   2019–2020

"Discovering Factors Contributing to Distress in Family Caregivers of Women with Gynecologic Cancers" Poster Presentation at the National Conference on Undergraduate Research. March, 2020.

5.   Nicole Salazar (University of Pittsburgh)   2020–Present

"The Nature and Normality of the Filipino Nurse" Awardee of Creative Arts Fellowship, University of Pittsburgh.

Other Research Trainees
Undergraduate Research Assistant (n=8)
   Kristin Hill (2017– 2019); Erin Rafferty (2017– 2019); Hannah Kunsak (2019–Present); James McLeod (2019– 2020); Jiayi (Jessie) Zhu (2019– 2020); Allie Sullivan (2020– 2021); Victoria Parisen (2021–Present); Rosslyn Scott (2021–Present), Chelsea Chao (2022–Present), Meredith Nawrocki (2022–Present)

Graduate Students Researchers (n=8)
   School of Computing and Information: Daniel Przybylak (2019–2020); Heidi Reis (2019–2020); Kim Hung Chau (2019–2020); Zhendong Wang (2019–Present); Khushboo Thaker (2019–Present); Zhimeng Luo (2020–Present); Behnam Rahdari (2020–Present)

   Nursing: Janet Arida (2016–2017); Leah Rosenblum (2020–Present)

PROFESSIONAL SERVICE

National Service

1/2018 – 8/2018	American Nurse Association (ANA) Advisory Committee of the ANA Connected Health/Telehealth Professional Issues Panel
7/2020 – 3/2021	American Medical Informatics Association (AMIA) 2021 Informatics Summit Scientific Program Committee
9/2020 – 5/2021	American Medical Informatics Association (AMIA) 2021 Clinical Informatics Conference Scientific Program Committee
1/2021 – 12/2022	Elected Members-at-Large, American Medical Informatics Association (AMIA) Nursing Informatics Working Group
4/2021 – 8/2021	Artificial Intelligence for Function, Disability, and Health (AI4Function) 2021 Program Committee
7/2021 – 9/2021	Mentor, Machine Learning for Health (ML4H) (ML4H 2021) Mentorship Program
8/2021 – 3/2022	American Medical Informatics Association (AMIA) 2022 Informatics Summit

Scientific Program Committee

1/2022 – 12/2023   American Medical Informatics Association (AMIA) Women in AMIA Awards and Leadership Subcommittee

University of Pittsburgh

9/2017 – 4/2020   Member, The Senate Computer Usage Committee

12/2019 – 12/2020   Committee, Data Science Task Force

11/2020 – 3/2021   Faculty Recruitment Committee, Information Culture and Data Stewardship Department in the School of Computing and Information

6/2021 – Present   Committee, Year of Data and Society steering committee

University of Pittsburgh School of Nursing

5/2015 – Present   Member, BSN, MSN, and DNP Council

1/2018 – Present   Member, PhD Council

8/2022 – Present   Member, Department (Health and Community Sytems) finance committee

Community Service

5/2015 – Present   Member, UPMC Systems Informatics Council

1/2017 – 12/2017   Client Health Consultant, Community Human Services, Pittsburgh, PA

2/2021 – 3/2021   Translator, Southwestern Pennsylvania Contact Tracing Consortium