

CURRICULUM VITAE

Gee Su Yang, PhD, RN, FAAN

PRESENT TITLE AND AFFILIATION

Assistant Professor
School of Nursing
University of Connecticut

OFFICE ADDRESS

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EDUCATION

2017 – 2020	Postdoctoral Fellow University of Florida College of Nursing, Gainesville, FL
2012 – 2017	PhD in Nursing University of Maryland School of Nursing, Baltimore, MD
2008 – 2012	Master of Science in Nursing Seoul National University College of Nursing, South Korea, Seoul
2004 – 2008	Bachelor of Science in Nursing Seoul National University College of Nursing, South Korea, Seoul

CURRENT LICENSE AND CERTIFICATION

2020 – Present	Registered Nurse (license #: 173891), State of Connecticut Board of Nursing
2017 – Present	Registered Nurse (license #: 9470684), State of Florida Board of Nursing
2014 – Present	Registered Nurse (license #: 690643), State of New York Board of Nursing
2008 – Present (inactive)	Registered Nurse (license #: 247382), Ministry of Health and Welfare, South Korea
2008 – Present (inactive)	School Nurse (license #: 19147), Ministry of Education, Science and Technology, South Korea

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PROFESSIONAL EXPERIENCE

2020 – Present	Assistant Professor, University of Connecticut School of Nursing, Storrs, CT
2017 – 2020	Postdoctoral Fellow, University of Florida College of Nursing, Gainesville, FL
2012 – 2017	Graduate Research Assistant, University of Maryland School of Nursing, Baltimore, MD
2011 – 2012	Teaching Assistant, Seoul National University College of Nursing, Seoul, South Korea
2010 – 2011	Registered Nurse, Asiana Airlines Medical Service Team, Seoul, South Korea
2008 – 2010	Registered Nurse, Asan Medical Center Pulmonary Department, Seoul, South Korea

HONORS AND AWARDS

2025	Fellow American Academy of Nursing
2024	Faculty Development Fund University of Connecticut Institute for Collaboration on Health, Intervention, and Policy (InCHIP)
2024	Awardee Research Methods in Supportive Oncology, Harvard Medical School of Palliative Care (Workshop, NCI R25CA181000)
2022	Butler-Williams Scholar National Institutes of Health/National Institute on Aging
2022	Heilbrunn Nurse Scholar The Rockefeller University Heilbrunn Family Center for Nursing Research
2020	Grant Development Summer Stipends for New Investigators Award University of Connecticut InCHIP
2016	Alumni Scholarship Seoul National University Alumni Association (Greater Washington DC area)
2015	Alumni Scholarship Seoul National University Alumni Association (Greater Washington DC area)
2015	Student Research Facilitation Award

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University of Maryland School of Nursing, Biology & Behavior Across the Lifespan (BBAL) Center of Excellence

- 2015 **Mia Loizeaux Scholarship**
University of Maryland School of Nursing
- 2014 **Travel Award**
University of Maryland School of Nursing, Doctoral Student Organization
- 2013 **Mia Loizeaux Scholarship**
University of Maryland School of Nursing
- 2012 – 2014 **Dean Scholarship**
University of Maryland School of Nursing
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GRANT SUPPORT

Grants and Contracts

- 07/2025-06/2026 **Rockefeller University Clinical Scholar–Heilbrunn Nurse Scholar Collaborative Pilot**
Microbial signatures of oral squamous cell carcinoma in Fanconi anemia patients
Total Award: \$7,500
Role: MPI (Berger/Yang)
- 11/2024-present **Connecticut Breast Health Initiative**
Aromatase inhibitor-associated musculoskeletal symptoms and gut microbiome patterns in Black and White breast cancer survivors
Total Award: \$48,000
Role: PI
- 09/2024-present **UConn OVPR Clinical Research and Innovation Seed Program (CRISP)**
Exploring the impact of immune checkpoint inhibitors on cognitive function on older cancer survivors: a longitudinal pilot study
Total Award: \$60,000
Role: PI
- 09/2022-03/2024 **NIH/NINR - R01NR018595**
Neurophysiological and transcriptomic predictors of chronic low back pain: Towards precision pain management (NEAT Study)
Total Award: \$2,496,230
Role: Site PI (MPI: Dorsey/Renn/Starkweather), As site PI, I provided expertise in genomics analysis and coordinated all recruitment, enrollment, and data collection at UConn.

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- 12/2022-12/2024 **Oncology Nursing Foundation RE03 Research Grant**
Longitudinal relationships between the gut microbiome and psychoneurological symptoms in immunotherapy treatments
 Total Award: \$50,000
 Role: PI
- 07/2022-06/2024 **Global Korean Nursing Foundation-USA Mi Ja Kim Research Grant (Role: PI)**
The role of gut microbiome and inflammaging in immunotherapy-related adverse symptoms among older adults with cancer
 Total Award: \$10,000
 Role: PI
- 06/2022-04/2023 **Healthy Americas Research Consortium of the Healthy Americas Foundation Cervical Cancer and Screening Research Grant**
Examining the association of COVID-19 stressors and resilience with Pap and HPV screening in Hispanic women: Implications for post-pandemic strategies
 Total Award: \$10,000
 Role: PI
- 07/2022-12/2024 **The Rockefeller University Heilbrunn Family Center for Research Nursing Heilbrunn Nurse Scholar Award**
Investigating the effect of social determinants of health and intestinal microbiome on psychoneurological symptoms among patients on immunotherapy
 Total Award: \$25,000
 Role: PI
- 10/2021-10/2024 **American Society for Pain Management Nursing**
Pain and other comorbid symptoms profile and gut microbiome characterization in cancer patients on immunotherapy
 Total Award: \$5,000
 Role: PI
- 07/2021-06/2024 **UConn Institute for Collaboration on Health, Intervention, and Policy (InCHIP) Faculty Seed Grant**
Linking the gut microbiome, lifestyle habits, and musculoskeletal symptoms in breast cancer survivors on aromatase inhibitors
 Total Award: \$15,000
 Role: PI
- 01/2021-Present **UConn Office of the Vice President for Research Scholarship Facilitation Fund (Role: PI)**
Investigation of circadian clock genes: Mechanisms underlying contribution of sleep disturbances to pain in breast cancer survivors on aromatase inhibitors
 Total Award: \$2,000
 Role: PI
- 03/2021- 09/2024 **UConn School of Nursing Dean's Award for Seed Grants (Role: PI)**
The relationship of gut microbiome composition with aromatase inhibitor-associated musculoskeletal symptoms: A pilot study

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Total Award: \$9,000

Role: PI

- 2018-2020 **NIH/NINR - F32 Ruth L. Kirschstein National Research Service Award Individual Postdoctoral Fellowship**
Biopsychosocial correlates of aromatase inhibitor-associated musculoskeletal symptoms in breast cancer (Sponsor: Debra E. Lyon, Co-Sponsor: Roger B. Fillingim)
Total Award: \$180,778
Role: PI
- 2015-2017 **American Nurses Foundation/Midwest Nursing Research Society**
Genetic mechanisms of aromatase inhibitor-associated arthralgia
Total Award: \$5,000
Role: PI
- 2014-2016 **Oncology Nursing Society Foundation Purdue Pharmaceuticals Trish Greene Pain Assessment and Management Grant**
New treatment strategies for aromatase inhibitor-associated arthralgia
Total Award: \$25,000
Role: PI
- 2014-2016 (NCE) **Sigma Theta Tau International Honor Society of Nursing, Pi Chapter Doctoral Student Research Grant**
Pain characteristics and signaling pathways in aromatase inhibitor-associated arthralgia
Total Award: \$1,500
Role: PI

Grants Submitted

- 09/2026-08/2029 **Susan G. Komen Career Catalyst Research**
(pending) *Gut Microbiome and Diet in Aromatase Inhibitor-Associated Musculoskeletal Pain*
Total Award: \$450,000
Role: PI

Grant Proposals Not Funded

- 04/2024 **American Cancer Society Discovery Boost Grant**
(resubmission), *Exploring the impact of immune checkpoint inhibitors on cognitive function in older cancer survivors*
10/2023 Total Award: \$297,000
Role: PI
- 02/2024 **NIH/NIA – Exploratory/Developmental Research Grant Award (R21)**
The impact of immune checkpoint inhibitors on cognitive function in older cancer survivors

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Total Award: \$445,610

Role: PI

11/2021
(resubmission),
02/2021

NIH/NINR – Mentored Patient-Oriented Research Career Development Award (K23)

Uncovering the role of gut microbiome in aromatase inhibitor-associated musculoskeletal pain and bone health

Total Award: \$533,073

Role: PI

10/2021

American Cancer Society Research Scholar Grant

Uncovering the role of gut microbiome in aromatase inhibitor-associated musculoskeletal pain and bone health

Total Award: \$792,000

Role: PI

08/2021

Edward Mallinckrodt, Jr. Foundation

Uncovering the role of gut microbiome in aromatase inhibitor-associated musculoskeletal pain and bone health

Total Award: \$180,000

Role: PI

07/2021

Breast Cancer Alliance Young Investigator Grant

Uncovering the role of gut microbiome in aromatase inhibitor-associated musculoskeletal pain and bone health

Total Award: \$125,000

Role: PI

12/2020

Sigma Foundation for Nursing

Biobehavioral mechanisms of aromatase inhibitor-associated musculoskeletal symptoms

Total Award: \$5,000

Role: PI

SCHOLARSHIP

Peer Reviewed Journal Articles

1. **Yang, G.S.**, Hegde, U., Guan, Z., Maas, K., Patel, S., Redeker, N.S., & Cong, X. (Under revision). Longitudinal analysis of gut microbiome and psychoneurological symptoms in melanoma patients receiving immune checkpoint inhibitors: Preliminary findings. *Oncology Nursing Forum*.
2. **Yang, G.S.**, Graziano, T., Li, A., Oppong, A., Cousin, L., Kelly, D., Starkweather, A., & Lyon, D. (In press). Racial differences in psychoneurological symptoms and health-promoting lifestyle behaviors among early-stage breast cancer survivors: a two-year longitudinal study. *Oncology Nursing Forum*.

3. Oppong, A., Francis-Edoziuno, C., Driscoll T., **Yang, G.S.**, & Beck, C.T. (2025). Financial burden experiences of Black/African American breast cancer survivors: A meta-ethnography. *Cancer Nursing*.
4. **Yang, G. S.**, Yang, K., Weaver, M. T., Kelly, D. L., Dorsey, S. G., & Lyon, D. E. (2023). Exploring the relationship of DNA methylation age measures and psychoneurological symptoms in women with early-stage breast cancer. *Supportive Care in Cancer*, 31(1), 1-12.
5. Adhikari, B., Starkweather, A., Xu, W., Acabchuk, R. L., Ramesh, D., Eze, B., Yang, Y., **Yang, G.S.**, Walker, J., Laubenbacher, R. & Park, C. L. (2022). A feasibility study on yoga's mechanism of action for chronic low back pain: psychological and neurophysiological changes, including global gene expression and DNA methylation, following a yoga intervention for chronic low back pain. *Pilot and feasibility studies*, 8(1), 1-16.
6. **Yang, G. S.**, Starkweather, A. R., Kelly, D. E., Meegan, T., Byon, H. D., & Lyon, D. E. (2022). Longitudinal analysis of sleep disturbance in breast cancer survivors. *Nursing Research*, 71(3), 177-188.
7. Bayer, S., **Yang, G. S.**, & Lyon, D. E. (2022). Genetic variations associated with depressive symptoms in breast cancer patients: A systematic review. *Cancer Nursing*, 45(1), E197-E205.
8. Kim, J. L., **Yang, G. S.**, Lyon, D. E., Kelly, D. L., & Stechmiller, J. K. (2021). Metabolomics: Impact of comorbidities and inflammation on sickness behaviors for individuals with chronic wounds. *Advances in Wound Care*, 10(7).
9. Menzies, V. S., Starkweather, A. R., Yingwei, Y., Kelly, D. L., Garrett, T. J., **Yang, G. S.**, Booker, S., Swift-Scanlan, T., Mahmud, I., & Lyon, D. E. (2021). Exploring associations between metabolites and symptoms of fatigue, depression and pain in women with fibromyalgia. *Biological Research for nursing*, 23(1), 119-126.
10. **Yang, G. S.**, Mi, X., Jackson-Cook, C. K., Starkweather, A. R., Kelly, D. L., Fei, Z., & Lyon, D. E. (2020). Differential DNA methylation following chemotherapy for breast cancer is associated with cognitive dysfunction. *Epigenetics*, 15(5), 499-510.
11. Han, C. J., **Yang, G. S.**, & Syrijalal, K. (2020). Symptom experiences in colorectal cancer survivors after cancer treatments: A systematic review and meta-analysis. *Cancer Nursing*. 43(3), E132-E158.
12. **Yang, G. S.**, Barnes, N. M., Lyon, D. E., Dorsey, S. G. (2019). Genetic variants associated with cancer pain and response to opioid analgesics: Implications for precision pain management. *Seminars in Oncology Nursing*, 35(3), 291-299.
13. Gullett, J. M., Cohen, R. A., **Yang, G. S.**, Menzies, V. S., Fieo, R., Kelly, D. L., Starkweather, A. R., Jackson-Cook, C. K., & Lyon, D. E. (2019). Relationship of fatigue with cognitive performance in women with early-stage breast cancer over two years. *Psychooncology*. 28(5), 997-1003.
14. Menzies, V. S., Kelly, D. L., **Yang, G. S.**, Starkweather, A. R., & Lyon, D. E. (Epub Ahead of Print). A systematic review of the association between fatigue and cognition in chronic noncommunicable diseases (NCDs). *Chronic Illness*.

15. Kelly, D. L., **Yang, G. S.**, Starkweather, A. R., Siangphoe, U., Delpech, P. A., & Lyon, D. E. (Epub Ahead of Print). Relationships among fatigue, anxiety, depression, and pain and health-promoting lifestyle behaviors in women with early-stage breast cancer. *Cancer Nursing*.
16. **Yang, G. S.**, Kumar, S., Dorsey, S. D., Starkweather, A. R., Kelly, D. L., & Lyon, D. E. (2019). Systematic review of genetic polymorphisms associated with psychoneurological symptoms in breast cancer survivors. *Supportive Care in Cancer*, 27(2), 351-371.
17. Kim, H. J., **Yang, G. S.**, Greenspan, J. D., Downton, K. D., Griffith, K. A., Renn, C. L., ... & Dorsey, S. G. (2016). Racial and ethnic differences in experimental pain sensitivity: Systematic review and meta-analysis. *Pain*, 158(2), 194-211.
18. **Yang, G. S.**, Kim, H. J., Griffith, K. A., Zhu, S., Dorsey, S. G., & Renn, C. L. (2016). Interventions for the Treatment of Aromatase Inhibitor-Associated Arthralgia in Breast Cancer Survivors: A Systematic Review and Meta-analysis. *Cancer Nursing*, 40(4), E26-E41.
19. Han, C. J., & **Yang, G. S.** (2015). Fatigue in irritable bowel syndrome: A systematic review and meta-analysis of pooled frequency and severity of fatigue. *Asian Nursing Research*, 10(1), 1-10.
20. Griffioen, M. A., Dernetz, V. H., **Yang, G. S.**, Griffith, K. A., Dorsey, S. G., & Renn, C. L. (2015). Evaluation of dynamic weight bearing for measurement non-evoked inflammatory hyperalgesia in mice. *Nursing Research*, 64(2).
21. **Yang, G. S.**, & Choe, M. A. (2013). Effect of anorexia and neuropathic pain induced by cisplatin on hindlimb muscles of rat. *Journal of Korean Academy Nursing*, 43(3), 361-369.

Manuscripts in Preparation

22. **Yang, G.S.**, et al. (In preparation). Association of social determinants of health and COVID-19-related behaviors with cervical cancer screening in Hispanic women using the NIH All of Us research program
23. **Yang, G.S.**, et al. (In preparation). Serum metabolomics in psychoneurological symptoms among women with early-stage breast cancer over two years
24. **Yang, G.S.**, et al. (In preparation). Immunotherapy and psychoneurological symptoms among cancer survivors: A scoping review
25. **Yang, G.S.**, et al. (In preparation). The gut microbiome patterns and diet in aromatase inhibitor-associated musculoskeletal symptoms
26. **Yang, G.S.**, et al. (In preparation). Insomnia, comorbid symptoms, and circadian clock genes in breast cancer survivors on aromatase inhibitors
27. **Yang, G.S.**, et al. (In preparation). Gut microbiome and psychoneurological symptoms in cancer survivors receiving immune checkpoint inhibitors
28. **Yang, G.S.**, et al. (In preparation). The role of cellular senescence in cancer treatment response and toxicity among older cancer survivors: A narrative review

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29. Oppong, A., **Yang, G.S.**, et al. (In preparation). Lifestyle-Related Cardiovascular Risk Factors Are Associated with Increased Pain During Chemotherapy in Breast Cancer Survivors
30. **Yang, G.S.**, et al. (In preparation). A Clinically Relevant Animal Model of Aromatase Inhibitor-Associated Arthralgia and Global Transcriptome Profiling

Book Chapter

1. Starkweather, A. R., **Yang G. S.**, Kelly, D. L., Lyon, D. E. (2020). Genomics of Breast Cancer and Treatment-Related Pain and Comorbid Symptoms. In: Dorsey, S., Starkweather, A. (eds). Genomics of Pain and Co-Morbid Symptoms. Springer, Cham
2. **Yang, G. S.**, Renn, C. L., & Dorsey, S. G. (2019). Chapter 21: Cancer-related neuropathies and neuropathic pain. In *Cancer Survivorship: Interprofessional, Patient-Centered Approaches to the Seasons of Survival*. Curtiss, C. P. & Haylock, P. J., eds. Oncology Nursing Society.

Conference Meetings/Presentations

1. **Yang, G. S.** & Hegde, U. (2025, August). Gut microbiome and symptoms in immunotherapy-related diarrhea [Podium presentation]. Global Korean Nursing Foundation-USA Leadership Conference, Boston, MA.
2. **Yang, G. S.**, Guan, Z., Patel, S., & Tannenbaum, S. (2025, April). *Exploring the relationship between the gut microbiome and musculoskeletal symptoms in breast cancer survivors receiving aromatase inhibitors* [Poster presentation]. Oncology Nursing Society Congress, Denver, CO.
3. **Yang, G. S.**, Oppong, A., & Patel, S. (2025, April). *Understanding the association between sleep disturbances and joint pain in breast cancer survivors receiving aromatase inhibitors* [Scientific session]. Eastern Nursing Research Society, Philadelphia, PA.
4. Oppong, A. F., Walsh, S. J., & **Yang, G. S.** (2025, April). *Racial disparities in breast cancer treatment burden* [Poster presentation]. Eastern Nursing Research Society, Philadelphia, PA.
5. Oppong, A.F., **Yang, G.S.**, & Beck, C.T. (March 2025). Financial experiences of Black/African American breast cancer survivors: A meta-ethnography using the noblit and hare method [Poster presentation]. Oncology Nursing Forum, 52(2), 48-49.
6. **Yang, G. S.** & Hegde, U. (2024, June). *Cognitive symptoms in patients with cancer receiving PD-1/PD-L1 checkpoint inhibitors: insights from a cross-sectional pilot study* [Poster presentation]. 2024 American Society of Clinical Oncology Annual Meeting, Chicago, IL.
7. Oppong, A., Li, A., Graziano, T., & **Yang, G. S.** (2024, April). *Symptom burdens and social factors in older cancer survivors receiving immunotherapy: insights from the NIH All of Us Research Program* [Poster presentation]. 49th Oncology Nursing Society Congress, Washington DC.
8. **Yang, G. S.** (2023, November). *Exploring DNA methylation age and dynamics as biomarkers for psychoneurological symptoms in breast cancer survivors* [Expert lecture]. International Society of Nurses in Genetics (ISONG) World Congress. Providence, RI.

9. **Yang, G. S.**, Graziano, T.A., Li, A., Starkweather, A. R., Lynch Kelly, D., & Lyon, D. E. (2023, September). *The influence of race on differences in psychoneurological symptoms among early-stage breast cancer survivors* [Poster presentation]. Council for the Advancement of Nursing Science, virtual event.
10. **Yang, G. S.**, Li, A., Graziano, T., Starkweather, A. R., & Cong, X. (2023, April). *Association of social determinants of health and COVID-19-related behaviors with cervical cancer screening in Hispanic women* [Poster presentation]. 48th Oncology Nursing Society Congress, San Antonio, TX.
11. **Yang, G. S.**, Starkweather, A. R., Kelly, D. L., & Lyon, D. E. (2021, April). *Sleep disturbances and associated factors among breast cancer survivors: A 2-year longitudinal study* [Oral presentation]. 46th Oncology Nursing Society Congress (Best late-breaking abstract)
12. **Yang, G. S.**, Griffith, K. A., Lessans, S., Dorsey, S. G., & Renn, C. L. (2021, February). *Development of a clinically relevant animal model of aromatase inhibitor-associated arthralgia* [Poster presentation]. ONS/NCI/NINR Symptom Science Colloquium, virtual event.
13. **Yang, G. S.**, Meegan, T., Xu, W., & Starkweather, A. R. (2021, February). *Quantitative sensory testing in the assessment of pain in cancer patients: A systematic review and meta-analysis* [Poster presentation]. ONS/NCI/NINR Symptom Science Colloquium, virtual event.
14. **Yang, G. S.**, Weaver, M. T., Kelly, D. L., Starkweather, A. R., Yang, K., Jackson-Cook, C. K., & Lyon, D. E. (2020, March). *Intrinsic biology and lifestyle behavior may predict telomere length in women receiving chemotherapy for breast cancer* [Poster discussion]. 34th Annual Conference of the Southern Nursing Research Society, New Orleans, LA (Cancelled due to COVID-19)
15. Han, C. J., **Yang, G. S.**, Reding, K., & Syrjala, K. L. (2018). A systematic review of symptom experiences in survivors of colorectal cancer. *Journal of Clinical Oncology*, 36(34), 186.
16. Barnes, N. M., **Yang, G. S.**, & Lyon, D. E. (2019, April). *Genetic variants associated with cancer pain and response to opioid analgesics: Implications for precision pain management* [Poster presentation]. 2nd University of Florida College of Nursing Annual Nursing Research Summit and Malasanos Lectureship, Gainesville, FL.
17. **Yang, G. S.**, Griffith, K.A., Lessans, S., Lyon, D. E., Dorsey, S. G., & Renn, C. L. (2019, February). *Effects of curcumin on aromatase inhibitor-associated musculoskeletal symptoms in an animal model* [Podium presentation]. 33rd Annual Conference of the Southern Nursing Research Society, Orlando, FL.
18. Lyon D. E., Jackson-Cook, C., Starkweather, A. R., Zou, F., Mi, X., **Yang, G. S.**, & Kelly, D. L. (2018, September). *Association between acquired DNA methylation alterations and memory in women with early-stage breast cancer* [Podium presentation]. Council's 2018 State of the Science Congress on Nursing Research, Washington D.C.
19. **Yang, G. S.**, Yang, B. K., Renn, C. L., Dorsey, S. D., & Zhu, S. (2016, February). *Impacts of vigorous physical exercise on pain in U.S. older adults: A longitudinal analysis of the Health and Retirement Study from 1998 to 2012* [Podium presentation]. 30th Annual Conference of the Southern Nursing Research Society, Williamsburg, VA.
20. **Yang, G. S.**, Kim, H. J., Griffith, K. A., Dorsey, S. D., & Renn, C. L. (2015, November). *Interventions for the Treatment of Aromatase Inhibitor-Associated Arthralgia in Breast Cancer*

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Survivors: A Meta-Analysis [Poster Presentation]. Washington Regional Nursing Research Consortium 6th Annual Doctoral Student Research Conference, Washington D.C.

21. Kim, H. J., **Yang, G. S.**, & Thomas, S. A. (2014, November). *Interventions for preventing depression in ethnic minorities in the United States: A systematic review* [Poster Presentation]. Washington Regional Nursing Research Consortium 5th Annual Doctoral Student Research Conference, Washington D.C.
22. **Yang, G. S.**, Kim, H. J., & Renn, C. L. (2014, November). *Pain management on aromatase inhibitor-associated arthralgia in breast cancer survivors: A systematic review* [Poster Presentation]. Washington Regional Nursing Research Consortium 5th Annual Doctoral Student Research Conference, Washington D.C.
23. **Yang, G. S.**, Griffioen, M. A., Dernetz, V. H., Griffith, K. A., Dorsey, S. G., & Renn, C. L. (2014, March). *Reliability of measurement tools used in the inflammatory hyperalgesia mouse model* [Poster Presentation]. University of Maryland 36th Annual Graduate Research Conference, Baltimore, MD.
24. Griffioen, M. A., **Yang, G. S.**, Dernetz, V. H., Griffith, K. A., Dorsey, S. G., & Renn, C. L. (2014, February). *Evaluation of dynamic weight bearing for measuring non-evoked inflammatory hyperalgesia in mice* [Poster Presentation]. 28th Annual Conference of the Southern Nursing Research Society, San Antonio, TX.
25. Griffioen, M. A., **Yang, G. S.**, Dernetz, V. H., Griffith, K. A., Dorsey, S. G., & Renn, C. L. (2013, April). *Validation of dynamic weight bearing apparatus as a measurement tool for inflammatory pain in mice* [Poster Presentation]. University of Maryland 35th Annual Graduate Research Conference, Baltimore, MD.
26. **Yang, G. S.**, & Choe, M. A. (2013). *Effect of anorexia and neuropathic pain induced by cisplatin on hindlimb muscles of rat* [Poster Presentation]. Research Institute of Nursing Science of Seoul National University the 9th International Conference, Seoul, South Korea.

Invited Presentation/Talk

1. **Yang, G.S.** (2024, May). *Psychoneurological symptoms and social determinants of health in cancer patients on immunotherapy*. Heilbrunn Nurse Scholars 10th Anniversary Symposium. New York, NY.
2. **Yang, G.S.** (2023, May). *Investigating the effect of social determinants of health and intestinal microbiome on psychoneurological symptoms among patients on immunotherapy*. The Rockefeller University of Hospital Heilbrunn Family Center for Research Nursing Symposium, virtual.
3. Cong, X., Xu, W., Carter, E., **Yang, G. S.**, & Starkweather, A. R. (2021, February). *Collaborative research during pandemic and management of shared biobehavioral research laboratory* [Webinar]. Eastern Nursing Research Society.
4. Starkweather, A. R. & **Yang, G. S.** (2021, September). *Integrating Genomics in Nursing Research* [Webinar]. U.S. Veterans Affairs Nursing Research Field Advisory Committee.

PRESS COVERAGE

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1. UConn Research 2025: Year in Review 2025 by UConn Research (October, 2025): Does Immunotherapy Impact Cognitive Function? [UConn Research: Year in Review 2025 by UConn Research - Flipsnack](#)
 2. UConn Today (March 12th, 2025): CRISP Award Funds on Immunotherapy's Impact on Cognitive Function. <https://today.uconn.edu/2025/03/crisp-award-funds-study-on-immunotherapys-impact-on-cognitive-function/>
 3. MedPage Today (April 30th, 2021): New clues to sleep problems, solutions in cancer patients. <https://www.medpagetoday.com/meetingcoverage/ons/92366>
 4. Healio (May 4th, 2021): Tailored interventions may mitigate sleep disturbances among women with breast cancer. <https://www.healio.com/news/hematology-oncology/20210504/tailored-interventions-may-mitigate-sleep-disturbances-among-women-with-breast-cancer>
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PROFESSIONAL SERVICES

Grant Reviewer

08/2025	Ad hoc reviewer, Oncology Nursing Foundation Major Research Grants (RE33/RE26)
07/2025	Ad hoc reviewer, National Institutes of Health (NIH) SBIR/STTR: Disease Management, Risk Prevention, and Health Behavior Change (ZRG1 CCHI-H10) study section
04/2025	Ad hoc reviewer, UConn OVPR Research Excellence Program Medical Review Group
11/2024	Ad hoc reviewer, National Institutes of Health (NIH)
06/2024	Small Business: Disease Management, Risk Prevention, and Health Behavior Change study section
2023	Early career reviewer, NIH Biobehavioral Medicine and Health Outcomes (BMHO) study section
2022	UConn School of Nursing Sigma Theta Tau Mu Chapter grant
2021	UConn IDEA undergraduate student grant
	UConn Center for Advancement in Managing Pain (CAMP) Trainee Pain Grant
2019	Oncology Nursing Society Foundation Dissertation Research Grant

Journal Reviewer

2024 – Present	Pain Management Nursing
2024 – Present	Oncology Nursing Forum
2023 – Present	Asian-Pacific Journal of Oncology Nursing
2023	Quality of Life Research
2023	Sleep Health
2022	Chronic Illness
2022	PLOS ONE
2021	Biological Research for Nursing
2021, 2025	Epigenetics
2021	Journal of Clinical Medicine
2021	Cancers

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2019 – Present Supportive Care in Cancer
2019 Breast Cancer: Targets and Therapy Journal

Editorial Board

2024 – Present Associate Editor, Frontiers in Aging (Aging and Cancer section)
01/2026 – Associate Editor, Oncology Nursing Forum

Abstract Reviewer

2023 - Present Eastern Nursing Research Society
2023 The Gerontology Society of America Conference
2021-2024 International Society of Nurses in Genetics (ISONG) Congress
2020 ONS/NCI/NINR Symptom Science Colloquium
2019 Southern Nursing Research Society Conference
2017, 2018, 2024, Oncology Nursing Society Annual Congress
2025

Professional Societies

09/2024 Leadership Scholarship Review Committee, Oncology Nursing Foundation
05/2024 – Present Award Committee, International Society of Nurses in Genetics (ISONG)
07/2024 – Present Research Committee, American Society of Pain Management Nursing

MEMBERSHIP IN PROFESSIONAL SOCIETIES

2024 – Present American Society of Clinical Oncology
2022 – 2023 The Gerontology Society of America
2021 – Present American Association for Cancer Research (AACR): Active member
2021 – Present Eastern Nursing Research Society (ENRS)
2019 – Present International Society of Nurses in Genetics (ISONG)
2019 – Present American Society for Pain Management Nursing (ASPMN)
2018 – 2020 American Pain Society (APS)
2017 – 2018 International Association for the Study of Pain (IASP)
2015 – Present American Nurses Association (ANA)
2015 – 2019 Midwest Nursing Research Society (MNRS)
2014 – Present Sigma Theta Tau International Honor Society of Nursing Pi Chapter (-2020),
Mu Chapter (2020-)
2013 – 2020 Southern Nursing Research Society (SNRS)
2013 – Present Oncology Nursing Society (ONS)

TEACHING AND MENTORING

Teaching Workshop Participation

05/2025 Summer Institute on Scientific Teaching

CURRICULUM VITAE

University of Connecticut

08/2021 – 05/2022 Inclusive STEM teaching
UConn Center for Excellence in Teaching and Learning

Class Teaching

Fall 2025	NURS 3205: Nursing Research and Evidence-Based Practice (3 credits) NURS 4305: Nursing Research and Evidence-Based Practice (3 credits - course lead) NURS 5012: Nursing Science and Patterns of Knowing in Advanced Nursing Practice (3 credits)
Summer 2025	NURS 5020: Statistical Methods in Health Sciences Research (3 credits)
Fall 2024	NURS 3205: Nursing Research and Evidence-Based Practice (2 credits) NURS 4305: Nursing Research and Evidence-Based Practice (2 credits - course lead) NURS 5012: Nursing Science and Patterns of Knowing in Advanced Nursing Practice (3 credits)
Fall 2023	NURS 3205: Nursing Research and Evidence-Based Practice (3 credits) NURS 4305: Nursing Research and Evidence-Based Practice (3 credits) NURS 5012: Nursing Science and Patterns of Knowing in Advanced Nursing Practice (3 credits) NURS 4230W: Quality Improvement and Evidence Based Practice (Writing section: 1 credit)
Spring 2023	NURS 5870: Health Policy and Populations-based Advocacy for the Scholarship of Application (3 credits)
Fall 2022	NURS 3205: Nursing Research and Evidence-Based Practice (3 credits) NURS 4305: Nursing Research and Evidence-Based Practice (3 credits) NURS 5012: Nursing Science and Patterns of Knowing in Advanced Nursing Practice (3 credits)
Spring 2022	NURS 5012: Nursing Science and Patterns of Knowing in Advanced Nursing Practice (3 credits)
Fall 2021	NURS 3205: Nursing Research and Evidence-Based Practice (3 credits) NURS 4305: Nursing Research and Evidence-Based Practice (3 credits) NURS 5012: Nursing Science and Patterns of Knowing in Advanced Nursing Practice (3 credits)

Invited Guest Lecture

2019 Topic: Postdoc experience and transition to faculty (NGR 7835: Nurse
Scientist and Scholar II), University of Florida College of Nursing

CURRICULUM VITAE

2017	Topic: Non-NRSA grant application process (NURS 880: Interdisciplinary Research Center Seminar), University of Maryland School of Nursing
2016	Topic: Measurement concepts and issues on preclinical research (NURS 811: Measurement of Nursing Phenomena), University of Maryland School of Nursing
2016	The importance of submitting NRSA applications (NURS 802: Research and scholarship Seminar), University of Maryland School of Nursing
2016	Topic: Non-NRSA grant application process (NURS 880: Interdisciplinary Research Center Seminar), University of Maryland School of Nursing
2015	Topic: Bench Science – The new window to nursing research (PhD Student Lunch and Learn seminar), University of Maryland School of Nursing
2015	Topic: Non-NRSA grant application process (NURS 880: Interdisciplinary Research Center Seminar), University of Maryland School of Nursing

Clinical Instructor/Teaching Assistant

2011- 2012	Topic: Adult Health Nursing, Seoul National University College of Nursing, Seoul, South Korea
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Mentoring/Advisement

Undergraduate Student Mentoring

Samantha Bayer (honors program), University of Florida College of Nursing (2018-2020)

Zaimarie Cabrera (honors program), UConn School of Nursing (2024-2025)

Corrina Isaac (independent study), UConn College of Liberal Arts and Sciences (Spring 2023)

Master's Student Mentoring

Soyeon Lee (independent study), UConn School of Fine Arts (Fall 2025 & Spring 2026)

PhD Major Advisor

Anita Oppong (2023-)

PhD Associate Advisor

Teresa Graziano (2022-2024)

-Dissertation title: An Exploration of Pain Differences in a Gender-Diverse Sample

-Current position: Assistant Professor, University of Vermont College of Nursing and Health Sciences

DEPARTMENT AND UNIVERSITY SERVICE

School of Nursing

10/2023 – Present	Member, Recruitment & Selection Committee
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CURRICULUM VITAE

09/2022 – 07/2024	Member, Merit Committee
08/2021 – Present	Member, Scholarship and Research Committee
08/2021 – 07/2023	Other Student Nurses Association Advisor

University of Connecticut

01/2025 - Present	Executive committee at-large member, Asian American Faculty and Staff Association, UConn
08/2021 – 05/2022	Facilitator, Inclusive STEM Teaching Project (supported by National Science Foundation), UConn Center for Excellence in Teaching and Learning