

## CURRICULUM VITAE

**LUSINE YAGHJYAN, MD, MPH, PhD**

**US Citizenship Status:** Permanent Resident

### Current Appointment

Associate Professor (tenured), Department of Epidemiology  
College of Public Health and Health Professions, College of Medicine  
University of Florida, Gainesville, FL

### Contact Information

2004 Mowry Road, Room 4216  
Box 100231  
Gainesville, FL 32610-0231  
Phone: (352) 294-5940 (office)  
Email : [lyaghjian@ufl.edu](mailto:lyaghjian@ufl.edu)

## EDUCATION

- 1997            **M.D. (with honors)**, Yerevan State Medical University, Armenia
- 2003            **MPH**, College of Health Sciences, American University of Armenia (in affiliation with Johns Hopkins Bloomberg School of Public Health), Armenia (mentor: Dr. Haroutune Armenian)
- 2009            **Ph.D.** (Epidemiology) Division of Epidemiology, Department of Environmental Health, University of Cincinnati College of Medicine, Ohio, USA (mentor: Dr. Susan Pinney)
- 2009-2013     **Postdoctoral Research Associate**, Cancer Prevention and Control, Siteman Cancer Center and Division of Public Health Sciences, Department of Surgery, Washington University in St. Louis School of Medicine, Missouri, USA (mentor: Dr. Graham Colditz)

## RESEARCH INTERESTS

Epidemiology of breast cancer; mammographic breast density as a breast cancer risk factor; molecular cancer epidemiology; benign breast disease; breast stem cells; role of intestinal microbiome in breast carcinogenesis; epigenetics in cancer; environmental exposures (endocrine disruptors) and gene-environment interactions in etiology of breast cancer

## EMPLOYMENT

- 2022-            **Associate Professor (tenured)**: Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida, Gainesville, FL, USA
- 2013-2022     **Assistant Professor (tenure-track)**: Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida, Gainesville, FL, USA

2009-2013	<b>Postdoctoral Research Associate:</b> Division of Public Health Sciences, Department of Surgery, Washington University in St. Louis College of Medicine, St. Louis, MO, USA
2004-2009	<b>Research Assistant:</b> Department of Environmental Health, College of Medicine, University of Cincinnati, Ohio, USA
2005	<b>Visiting Lecturer:</b> Research Seminar Series (MPH program), American University of Armenia, College of Health Sciences, Yerevan, Armenia
2004	<b>Institutional Research Manager/Accreditation Coordinator:</b> American University of Armenia, Yerevan, Armenia
2002-2003	<b>Project Assistant:</b> Center for Health Services Research and Development, College of Health Sciences, American University of Armenia, Yerevan, Armenia <b>Project Assistant:</b> Armenian Social Transition Project, Health Education/Promotion, funded by the USAID/Armenia and PADCO. <b>Data Entry/Analyst:</b> UPENN, Nursing and Patient Survey <b>Translator:</b> Malaria Training Project, sponsored by Fogarty International Center, USA <b>Assistant/Translator:</b> "Population-Based Approaches to Graduate Level Public Health Education;" OSI Conference 2003
2001-2002	<b>Medical Representative of Help S.A. Pharmaceuticals (Greece), Management Consultant:</b> "Esculap" LTD, Yerevan, Armenia
1999-2001	<b>Research assistant,</b> laboratory of neurophysiology: Clinical Hospital #1, Yerevan State Medical University, Yerevan, Armenia
1997-1998	<b>General Physician,</b> Clinical Center "Erebuny", Yerevan, Armenia
1996	<b>Assistant Physician,</b> Clinical Hospital # 8, Yerevan, Armenia
1995	<b>Assistant of District Physician,</b> Clinical Hospital # 8, Yerevan, Armenia
1992	<b>Nurse:</b> Clinical Hospital # 8, Yerevan, Armenia

## PUBLICATIONS

1. Smotherman C, Sprague B, Datta S, Braithwaite D, Qin H, **Yaghjyan L**. Association of air pollution with postmenopausal breast cancer risk in UK Biobank. Breast Cancer Res. 2023 Jul 13;25(1):83.
2. **Yaghjyan L**, Mai V, Darville L, Cline J, Wang X, Ukhanova M, Tagliamonte M, Martinez Y, Rich S, Koomen J, Egan K. Associations of gut microbiome with endogenous estrogen levels in healthy postmenopausal women. Cancer Causes and Control (in press)
3. Ilozumba MN, **Yaghjyan L**, Datta S, Zhao J, Hong CC, Lunetta KL, Zirpoli G, Bandera EV, Palmer JR, Yao S, Ambrosone CB, Cheng TD. 2023. mTOR pathway candidate genes and obesity interaction on breast cancer risk in black women from the Women's Circle of Health Study. Cancer Causes Control. 34(5):431-447.

4. Ilozumba MN, **Yaghjyan L**, Datta S, Zhao J, Hong C-C, Lunetta KL, Zirpoli G, Bandera EV, Palmer JR, Yao S, Ambrosone CB, Cheng T-YD. 2003. mTOR pathway candidate genes and energy intake interaction on breast cancer risk in Black women from the Women's Circle of Health Study. *European Journal of Nutrition*.
5. Ilozumba MN, **Yaghjyan L**, Datta S, Zhao J, Gong Z, Hong C-C, Lunetta KL, Zirpoli G, Bandera EV, Palmer JR, Yao S, Ambrosone CB, et al. mTOR pathway candidate genes and physical activity interaction on breast cancer risk in black women from the women's circle of health study. *Breast Cancer Research and Treatment* 2023;199: 137-46.
6. **Yaghjyan L**, Heng YJ, Baker GM, Rosner BA, Tamimi RM. Associations of alcohol consumption with breast tissue composition. *Breast Cancer Res.* 2023 Mar 30;25(1):33
7. **Yaghjyan L**, Eliassen AH, Colditz G, Rosner B, Schedin P, Wijayabahu A, Tamimi RM. 2022. Associations of aspirin and other anti-inflammatory medications with breast cancer risk by the status of COX-2 expression. *Breast Cancer Res.* 24(1):89.
8. **Yaghjyan L**, Heng YJ, Baker GM, Bret-Mounet V, Murthy D, Mahoney MB, Mu Y, Rosner B, Tamimi RM. 2022. Reliability of CD44, CD24, and ALDH1A1 immunohistochemical staining: Pathologist assessment compared to quantitative image analysis. *Frontiers in Medicine*.9. <https://doi.org/10.3389/fmed.2022.1040061>
9. **Yaghjyan L**, McLaughlin E, Lehman A, Neuhaus M, Rohan T, Lane D, Shetselaar L, Paskett E. 2022. Associations of coffee/caffeine consumption with postmenopausal breast cancer risk and their interactions with postmenopausal hormone use. *European Journal of Nutrition*. <https://doi.org/10.1007/s00394-022-02899-8>
10. **Yaghjyan L.**, Smotherman C, Heine J, Colditz G, Rosner B, Tamimi R. 2021. Associations of oral contraceptives with mammographic breast density in premenopausal women. *Cancer Epidemiology, Biomarkers, and Prevention* DOI: 10.1158/1055-9965.EPI-21-0853
11. Yaghjyan L., Darville L, Cine J, Martinez-Monta Y, Rich S, Austin-Datta R, Koomen J, Tworoger S, Egan K. Associations of established breast cancer risk factors with urinary estrogens in postmenopausal women (in press)
12. Yaghjyan L, Austin-Datta R, Oh H, Heng YJ, Vellal AD, Sirinukunwattana K, Baker GM, Collins LC, Murthy D, Rosner B, Tamimi RM. 2021. Associations of reproductive breast cancer risk factors with breast tissue composition. *Breast Cancer Research.* 23(1):70.
13. Austin-Datta R., Smotherman C, **Yaghjyan L**. Association between rice consumption and risk of cancer incidence in the California Teachers Study. *Breast Cancer Research and Treatment.* 2021. doi: 10.1007/s10549-021-06230-7. Online ahead of print
14. **Yaghjyan L**, Mai V, Wang X, Ukhanova M, Tagliamonte M, Martinez Y, Rich S, Egan K. Gut microbiome, body weight, and mammographic breast density in healthy postmenopausal women. *Cancer Causes and Control* 2021 doi: 10.1007/s10552-021-01420-6. Online ahead of print

15. Oh H, **Yaghjian L**, Austin-Datta R, Heng Y, Baker G, Sirinukunwattana K, Vellal A, Collins L, Murthy D, Eliassen H, Rosner B, Tamimi R. Early-life and adult adiposity, adult height, and benign breast tissue composition. *Cancer Epidemiology, Biomarkers, and Prevention* 2021; 30(4):608-615
16. Qi J., Hu H, **Yaghjian L.**, An L, Kalim H, Cooke E, Cheng D. Association of Adipose Tissue Distribution with Type 2 Diabetes in Breast Cancer Patients. *Breast Cancer: Basic and Clinical Research* 2020 14:1178223420972369. doi: 10.1177/1178223420972369
17. Smotherman C., Norez D., Austin-Datta R, **Yaghjian L**. Re: COVID-19 prevalence and mortality in patients with cancer and the effect of primary tumour subtype and patient demographics: a prospective cohort study. *The Lancet Oncology* 2020; 21(12):e539.
18. Rich S, Cook R, **Yaghjian L.**, Francois K, Puttkammer N, Robin E, Bae J, Joseph N, Pessoa-Brandao L, Delcher C. Risk factors for delayed viral suppression on first-line antiretroviral therapy among persons living with HIV in Haiti, 2013 – 2017. *PLOS ONE* 2020; 15(10):e0240817. doi: 10.1371/journal.pone.0240817
19. **Yaghjian L**, Wijayabahu A, Eliassen H, Colditz G, Rosner B, Tamimi R. Associations of aspirin intake with mammographic breast density and breast cancer risk. *Cancer Causes Control* 2020; 31, 827–837.
20. Chen H, **Yaghjian L**, Li C, Peters U, Rosner B, Lindström S, Tamimi R. Interactions between mammographic density phenotypes and established risk factors on breast cancer risk, by tumor subtype and menopausal status. *American Journal of Epidemiology* 2020; 190(1): 44-58
21. Darville L, Cline J, Martinez Y, Rich S, Rozmeski C, Egan K, **Yaghjian L\***, Koomen J. \* LC-HRMS of Derivatized Urinary Estrogens and Estrogen Metabolites in Postmenopausal Women. *J Chromatogr B Analyt Technol Biomed Life Sci* 2020;1154:122288. \* authors with equal contributions
22. Klann E, Williamson J, Tagliamonte M, Ukhanova M, Asirvatham J, Chim H, **Yaghjian L\***, Mai V\* Microbiota composition in bilateral healthy breast tissue and breast tumors. *Cancer Causes Control* 2020. 31(11):1027-1038 \* authors with equal contributions
23. Jun I, Berger A, **Yaghjian L**. Future Research Suggestions for Multigene Testing in Unselected Populations. *JAMA Oncology* 2020; 6(5):785
24. Wijayabahu AT, Egan KM, **Yaghjian L**. Uterine cancer in breast cancer survivors: a systematic review. *Breast Cancer Research and Treatment*. 2020; 180(1):1-19
25. **Yaghjian L**, Colditz G, Rosner B, Rich S, Egan K, and Tamimi R. Adolescent caffeine consumption and mammographic breast density in premenopausal women. *European Journal of Nutrition* 2020. 59(4):1633-1639
26. **Yaghjian L.**, Esnakula A, Scott C, Wijayabahu A, Jensen M, Vachon C. Associations of mammographic breast density with breast stem cell marker-defined breast cancer subtypes. *Cancer Causes and Control*. 2019; 30(10):1103-1111

27. **Yaghjian L**, Cogle C, Deng G, Yang J, Jackson P, Hardt N, Hall J and Mao L. Continuous Rural-Urban Coding for Cancer Disparity Studies: Is it Appropriate for Statistical Analysis? *International Journal of Environmental Research and Public Health*. 2019; 16(6): 1076-1090
28. Wijayabahu A, Zhou Z, Cook R, Brumback B, Ennis N, and **Yaghjian L**. Healthy behavioral choices and cancer screening in persons living with HIV/AIDS are different by sex and years since HIV diagnosis. *Cancer Causes and Control* 2019;.30(3):281-290
29. Barbey S, Scali S, Kubilis P, Beck A, Goodney P, Giles K, Berceli S, Huber T, Upchurch G, and **Yaghjian L**. Interaction Between Frailty and Sex on Mortality after Elective Abdominal Aortic Aneurysm Repair. *Journal of Vascular Surgery*. 2019. 70(6):1831-1843
30. Wanigatunga A, Gill T, Marsh A, Hsu F-C, **Yaghjian L**. Woods A, Glynn N, King A, Newton R, Fielding R, Pahor M, Manini T. Effect of hospitalizations on sedentary and physical activity patterns in mobility-limited older adults. *J Am Geriatr Soc* 2019; 67(2):261-268
31. **Yaghjian L.**, Wijayabahu A, Egan K. RE: The Association Between Dietary Quality and Overall and Cancer-Specific Mortality Among Cancer Survivors, NHANES III. *JNCI Cancer Spectrum* 2018;2(3): pky044
32. **Yaghjian L**, Colditz G, Eliassen H, Rosner B, Gasparova A, Tamimi RM. Interactions of alcohol and postmenopausal hormone use in regards to mammographic breast density. *Cancer Causes & Control* 2018; 29 (8):751-758.
33. Kowalski A, Striley CW, Varma DS, Egan KM, **Yaghjian L**. Interactions between Alcohol Consumption and Adjuvant Hormone Therapy in Relation to Breast Cancer-Free Survival. *J Breast Cancer* 2018;21 (2):158-164.
34. **Yaghjian L.**, Rich S., Mao L., Mai V, Egan K. Interactions of coffee consumption and postmenopausal hormone use in relation to breast cancer risk in UK Biobank. *Cancer Causes & Control* 2018; 29 (6):519-525
35. **Yaghjian L.**, Colditz G., Rosner B., Gasparova A., Tamimi R. Associations of coffee consumption and caffeine intake with mammographic breast density. *Breast Cancer Res Treat* 2018; 169(1):115-123
36. Li D., Mai V, Gerke T, Pinney S, **Yaghjian L**. Interactions of family history of breast cancer with radiotherapy in relation to the risk of breast cancer recurrence. *J Breast Cancer* 2017; 20:333-339
37. **Yaghjian L.**, Stoll E., Ghosh K., Scott C., Jensen M, Brandt K, Visscher D, Vachon C. Tissue-based associations of breast density with breast stem cell markers. *Breast Cancer Research* 2017;19 (1):100
38. **Yaghjian L**, Tamimi R, Bertrand K, Scott C, Jensen M, Pankratz S., Brandt K, Visscher D, Norman A, Couch F, Shepherd J, Fan B, Chen Y, Ma L, Beck A, Cummings S, Kerlikowske K, Vachon C. Interaction of mammographic breast density with menopausal status and postmenopausal hormone use in relation to the risk of aggressive breast cancer subtypes. *Breast Cancer Research and Treatment* 2017; 165(2):421-431

39. **Yaghjyan L.**, Arao R., Brokamp C, O'Meara E, Sprague B, Ghita G, Ryan P. Association of air pollution with mammographic breast density in the Breast Cancer Surveillance Consortium. *Breast Cancer Research* 2017; 19(36):1-10. <https://doi.org/10.1186/s13058-017-0828-3> (worldwide media coverage)
40. **Yaghjyan L**, Ghita GL, Rosner B, Farvid M, Bertrand K, Tamimi R. Adolescent fiber intake and mammographic breast density in premenopausal women. *Breast Cancer Research*: 2016; 18(1):1-8.
41. **Yaghjyan L.**, Colditz G, Rosner B, Bertrand K., Tamimi R. Reproductive factors related to childbearing and mammographic breast density. *Breast Cancer Res Treat* 2016; 158(2):351-9
42. **Yaghjyan L**, Ghita G, Dumont-Driscoll M, Yost R, Chang S-H. Maternal exposure to phthalates and adverse delivery outcomes: a systematic review. *Reproduc Toxicol* 2016;65:76-86.
43. Mai V, Prosperi M, and **Yaghjyan L**. Moving microbiota research towards establishing causal associations that represent viable targets for effective public health interventions. *Annals of Epidemiology*.2016; 26(5): 306-310.
44. **Yaghjyan L**, Carlsson N, Ghita G(g), and Chang SH. Association of individual and lifestyle characteristics with metabolism of di-2-ethylhexyl phthalate. *Environ Res*. 2016.;149:23-31
45. **Yaghjyan L**, Pettersson A, Colditz GA, Collins LC, Schnitt SJ, Beck A., Rosner B, Vachon C, Tamimi RM. Postmenopausal mammographic breast density and subsequent breast cancer risk according to selected tissue markers. *Br J Cancer*. 2015; 113:1104–1113
46. **Yaghjyan L.**, Colditz G, Rosner B, Tamimi R. Mammographic breast density and breast cancer risk: interactions of percent density, absolute dense and non-dense areas with breast cancer risk factors. *Breast Cancer Res Treat*. 2015;150(1):181-9.
47. **Yaghjyan L**, Sites S, Ruan Y, Chang SH. Associations of urinary phthalates with body mass index, waist circumference and serum lipids among females: National Health and Nutrition Examination Survey 1999-2004. *Int J Obes (Lond)*. 2015.; 39(6):994-1000.
48. **Yaghjyan L**, Drake B, Bekteshi V. Healthy Behavioral Choices and Adherence to Recommended Cancer Screening among US Adults: National Health Interview Survey 2005. *Austin J Public Health Epidemiol*. 2014;1(1): 8.
49. **Yaghjyan L.**, Wolin K, Chang S, Colditz G. Racial Disparities in Healthy Lifestyle Choices and Cancer Screening among Breast Cancer Survivors and Women without Cancer: National Health Interview Survey 2005. *Cancer Causes Control* 2014. 25:605-14
50. Pinney S, Biro F, Windham G, Herrick R, **Yaghjyan L**, Calafat A, Succop P. Sucharew H, Ball K, Kato K, Kushi L, Bornsheim R. Serum Biomarkers of Polyfluoroalkyl Compound Exposure in Young Girls in Greater Cincinnati and the San Francisco Bay Area, USA. *Environmental Pollution* 2014; 184: 327-334..
51. **Yaghjyan L**, Colditz GA, Rosner B, Tamimi RM. Mammographic Breast Density and Subsequent Risk of Breast Cancer in Postmenopausal Women according to the Time

Since the Mammogram. *Cancer Epidemiology, Biomarkers, and Prevention* 2013; 22(6):1110-7.

52. **Yaghjyan L**, Colditz GA, Wolin K. Physical activity and mammographic breast density: a systematic review. *Breast Cancer Research and Treatment* 2012; 135(2):367-80.
53. **Yaghjyan L**, Colditz GA, Rosner B, Tamimi RM. Mammographic breast density and breast cancer risk by menopausal status, postmenopausal hormone use and a family history of breast cancer. *Cancer Causes Control* 2012: 1-6.
54. **Yaghjyan L**, Mahoney MC, Succop P, Wones R, Buckholz J, Pinney SM. Relationship between breast cancer risk factors and mammographic breast density in the Fernald Community Cohort. *Br J Cancer* 2012; 106(5):996-1003.
55. **Yaghjyan L**, Colditz GA, Drake B. Vitamin D and mammographic breast density: a systematic review. *Cancer Causes Control* 2012; 23 (1):1-13.
56. **Yaghjyan L**, Colditz GA, Collins LC, Schnitt SJ, Rosner B, Vachon C, Tamimi RM. Mammographic breast density and subsequent risk of breast cancer in postmenopausal women according to tumor characteristics. *J Natl Cancer Inst* 2011; 103:1179-89
57. **Yaghjyan L**, Pinney SM, Mahoney MC, Morton AR, Buckholz J. Mammographic Breast Density Assessment: A Methods Study. *Atlas Journal of Medical & Biological Sciences* 2011; 1 (1): 13–19.
58. **Yaghjyan L**, Colditz G. Estrogens in the breast tissue: a systematic review. *Cancer Causes Control* 2011; 22(4):529-40.
59. **Yaghjyan L**. Determinants of mammographic breast density in different subsets of women. Cincinnati, Ohio: University of Cincinnati; 2009. Available from: [http://rave.ohiolink.edu/etdc/view?acc\\_num=ucin1250096767](http://rave.ohiolink.edu/etdc/view?acc_num=ucin1250096767)

## ABSTRACTS

1. Smotherman C, Sprague B, Datta S, Braithwaite D, Qin H, **Yaghjyan L**; Abstract 4216: Interactions of greenness with air pollution in relation to postmenopausal breast cancer risk in UK Biobank. *Cancer Res* 1 April 2023; 83 (7\_Supplement): 4216. <https://doi.org/10.1158/1538-7445.AM2023-4216>
2. Smotherman C, Sprague B, Datta S, Braithwaite D, Qin H, **Yaghjyan L**. Association of Air Pollution with Breast Cancer Risk in UK Biobank. *In Proceedings: ASPO's 47th Annual Meeting*, March 12-14, 2023, San Diego, CA
3. **Yaghjyan L**, Heng Y, Baker G, Murthy D, Mahoney M, Rosner B, Tamimi R. Associations of CD44, CD24, and ALDH1A1 expression in benign breast biopsies with subsequent breast cancer risk. *In Proceedings: ASPO's 47th Annual Meeting*, March 12-14, 2023, San Diego, CA

4. **Yaghjyan L**, Austin-Datta R, Heng YJ, Baker G, Rosner B, Tamimi R. Abstract P3-12-19: Associations of alcohol consumption with benign breast tissue composition. *Cancer Research* 2022; 82 (4\_Supplement): P3-12-19.
5. **Yaghjyan L**, Eliassen H, Colditz G, Rosner B, Wijayabahu A (g), Tamimi R. 2021. Associations of aspirin and other anti-inflammatory medications with breast cancer risk by the status of COX2 receptor. *Cancer Research* 81 (13 Supplement):875.
6. **Yaghjyan L.**, Eliassen H, Colditz G, Rosner B, Wijayabahu A, Tamimi R. Associations of aspirin and other anti-inflammatory medications with breast cancer risk by the status of COX2 receptor. *In Proceedings: 2021 AACR Annual Meeting*, April 10-14 & May 17-21, 2021
7. **Yaghjyan L.**, Austin-Datta R, Oh H, Heng YJ, Vellal AD, Sirinukunwattana K, Baker GM, Collins LC, Murthy D, Rosner B, Tamimi RM. 2021. Reproductive breast cancer risk factors and breast tissue composition on benign breast biopsies. *Cancer Research* 81 (4 Supplement):PS7-90.
8. Bradley J; Cheng D, Omer S(g), **Yaghjyan L**, Mailhot-Vega R, Lockney N, Spiguel L, Louis D, Mendenhall N, Okunieff P. 2020. Excess Cardiac Risk between Photon and Proton Radiation in the Treatment of Breast Cancer. *International Journal of Radiation Oncology*. 108(3 Supplement):E50.
9. Darville L, Cline J, Rozmeski C, Martinez Y, Rich S(g), Egan K, **Yaghjyan L**, Koomen J. 2020. Derivatization Approaches for Endogenous Steroid Hormones in Human Urine Using High-Resolution LC-MS. *In Proceedings: ASMS Conference on Mass Spectrometry and Allied Topics*. May 31 - June 4, 2020, Houston, TX
10. Klann E, Williamson J, Tagliamonte M, Ukhanova M, Asirvatham J, Chim H, **Yaghjyan L\***, Mai V\* 2020. Microbiota composition in bilateral healthy breast tissue and breast tumors. *Cancer Research* 80 (8 Supplement):B31. \*authors with equal contributions
11. **Yaghjyan L**, Wang X, Ukhanova M, Martinez Y, Rich S, Mai V, Egan K. Abstract A23: Association of gut microbiome diversity with obesity and breast density in postmenopausal women. *Cancer Research* 2020;80 (8 Supplement):A23-A23.
12. Smotherman C, Tamimi R, Heine J, Colditz G, Rosner B, **Yaghjyan L**. 2020. Associations of oral contraceptives with mammographic breast density. *In Proceedings: ASPO Annual Meeting*, March 22-24, 2020, Tucson, AZ
13. **Yaghjyan L**, Esnakula A, Scott C, Wijayabahu A, Jensen M, Vachon C. 2019. Associations of mammographic breast density with breast stem cell marker-defined breast cancer subtypes. *Cancer Research* 2019;79 (13 Supplement):592.
14. **Yaghjyan L**, Tamimi R, Rosner B, Colditz G, Eliassen H, Wijayabahu A. 2019. Associations of anti-inflammatory medication use with mammographic breast density. *In Proceedings: 43rd Annual ASPO Conference*. Tampa, FL. Mar 10-12, 2019.
15. Darville-Bowleg L., Liu M., Cline J, Koomen J, Martinez-Monta Y, Rich S, **Yaghjyan L**, Egan K. Analysis of Endogenous Steroid Hormones in Urine Using High-Resolution LC-



- MS. *In Proceedings: ASMS Conference on Mass Spectrometry and Allied Topics*. Atlanta, GA June 2 - 6, 2019
16. **Yaghjyan L**, Vachon C, Jensen M, Wijayabahu A, Scott C, Esnakula A. Associations of mammographic breast density with breast stem cell marker-defined breast cancer subtypes. *In Proceedings: AACR Annual Meeting 2019*, Atlanta, GA, March 29-April 3, 2019,
  17. Barbey S, **Yaghjyan L**, Kubilis P, et al: Influence of Gender and Frailty on Mortality After Elective Aortic Aneurysm Repair. *Journal of Vascular Surgery* 69:e16-e17, 2019
  18. **Yaghjyan L**, Egan K, Mai V, Mao L, Rich S. Interactions of coffee consumption and postmenopausal hormone use in relation to breast cancer risk in UK Biobank. *In Proceedings: 42nd Annual ASPO Conference 2018*, New York, NY, March 10-13, 2018.
  19. Wijayabahu A, Whitehead N, Brumback B, Cook, Zhi Zhou, **Yaghjyan L**. Healthy behavioral choices and cancer screening in individuals living with HIV/AIDS are different by biological gender and years since HIV diagnosis. *In Proceedings: 42nd Annual ASPO Conference 2018*. New York, NY, March 10-13, 2018.
  20. Darville-bowleg L, Rozmeski C, Koomen J, **Yaghjyan L**, Rich S, Martinez-Monta Y, Egan K. 2018. DMABC Derivatization and LC-PRM MS for Measuring Estrogen Metabolites in Human Urine. *In Proceedings: ACMS Annual Conference 2018*. San-Diego, CA, June 3 - 7, 2018
  21. **Yaghjyan L.**, Colditz G., Rosner B., Gasparova A., Tamimi R. Associations of coffee consumption and caffeine intake with mammographic breast density. *Cancer Research* 2017; 77 (13 Supplement), 4255.
  22. **Yaghjyan L.**, Colditz G., Rosner B., Gasparova A., Tamimi R. Associations of coffee consumption and caffeine intake with mammographic breast density. *In Proceedings: AACR 2017 annual meeting*, Washington, DC, April 1-5, 2017
  23. **Yaghjyan L.**, Tamimi R., Bertrand K, Scott C., Jensen M, Pankratz S, Brandt K, Visscher D, Norman A, Couch F, Shepherd J, Fan B, Chen Y, Ma L, Beck A, Cummings S, Kerlikowske K, Vachon C. Interaction of mammographic breast density with menopausal status and postmenopausal hormone use in relation to the risk of aggressive breast cancer subtypes. *Cancer Epidemiology, Biomarkers, and Prevention* 2017; 26 (5 Supplement), B27
  24. **Yaghjyan L.**, Tamimi R., Bertrand K, Scott C., Jensen M, Pankratz S, Brandt K, Visscher D, Norman A, Couch F, Shepherd J, Fan B, Chen Y, Ma L, Beck A, Cummings S, Kerlikowske K, Vachon C. Interaction of mammographic breast density with menopausal status and postmenopausal hormone use in relation to the risk of aggressive breast cancer subtypes. *In Proceedings: AACR Improving Cancer Risk Prediction for Prevention and Early Detection*. Orlando, FL. November 16-19, 2016
  25. **Yaghjyan L**, Ghita G, Farvid M, et al: Abstract 4346: Adolescent fiber intake and mammographic breast density in premenopausal women. *Cancer Research* 76 (14 Supplement):4346-4346, 2016

26. **Yaghjyan L**, Ghita G, Farvid M, Rosner B, Bertrand K, Tamimi R. 2016. Adolescent fiber intake and mammographic density in premenopausal women. *In Proceedings: 2016 AACR Annual Meeting*, New Orleans, Louisiana, April 16-20, 2016
27. **Yaghjyan L**, Arao R, Brokamp C, O'Meara E, Sprague B, Ghita G, Ryan P. 2016. Association of PM2.5 and ozone exposure with mammographic breast density in the Breast Cancer Surveillance Consortium. *Cancer Research* 76 (14 Supplement), 3430
28. **Yaghjyan L**, Arao R, Brokamp C, O'Meara E, Sprague B, Ghita G, Ryan P. 2016. Association of PM2.5 and ozone exposure with mammographic breast density in the Breast Cancer Surveillance Consortium. *In Proceedings: 2016 AACR Annual Meeting*, New Orleans, Louisiana, April 16-20, 2016
29. **Yaghjyan L.**, Colditz G., Rosner B., Patel C., Tamimi R. Breastfeeding, Parity, and Mammographic Breast Density. *In Proceedings: ASPO annual meeting 2015*, Birmingham, AL, March 14-17, 2015
30. Collins L., Beck A., **Yaghjyan L.**, Pettersson A, Colditz GA, Schnitt SJ, Rosner B, Vachon C, Tamimi RM. Subsequent Breast Cancer Risk and Tumor Biomarker Expression According to Mammographic Density: A Nested Case-Control Study. *Modern pathology* Feb 2014; 27 Suppl 2: 42A
31. Sites S., Chang S-H, Ruan Y, **Yaghjyan L.** Associations of Urinary Phthalates with Body mass Index, Waist Circumference, and Serum Lipids Among US Females: National Health and Nutrition Examination Survey 1999-2004. *In Proceedings SEC Symposium 2014*. Atlanta, GA. Sep 19-23, 2014
32. Culpepper T, Ukhanova M, **Yaghjyan L**, Sites S, Sun Y, Prosperi M, Mai V. Correlations between diet, gut microbiota and epithelial methylation pattern with CRC risk. *Cancer Prevention Research* 2015; 8(10 Suppl); Abstract nr A31
33. Culpepper T, Ukhanova M, **Yaghjyan L**, Sites S, Sun Y, Prosperi M, Mai V. Correlations between diet, gut microbiota and epithelial methylation pattern with CRC risk. *In Proceedings: 13<sup>th</sup> Annual AACR Conference on Frontiers in Cancer Prevention Research* 2014. New Orleans, LA, Sep 28 - Oct 1, 2014
34. **Yaghjyan L.**, Colditz G. Rosner B, Tamimi R. Mammographic breast density and breast cancer risk: interactions of percent density, absolute dense and non-dense areas with breast cancer risk factors. *Cancer Prev Res* 2015; 8 (10 Supplement):A51
35. **Yaghjyan L.**, Colditz G. Rosner B, Tamimi R. Mammographic breast density and breast cancer risk: interactions of percent density, absolute dense and non-dense areas with breast cancer risk factors. *In Proceedings: 13th Annual AACR Conference on Frontiers in Cancer Prevention Research* 2014. New Orleans, LA, Sep 28 - Oct 1, 2014
36. **Yaghjyan L.**, Pettersson A, Colditz G, Collins L, Schnitt SJ, Beck A., Rosner B, Vachon C, Tamimi RM. Mammographic breast density and subsequent risk of breast cancer in postmenopausal women according to the status of selected tissue markers: a case-control study. *Cancer Prev Res* 2013; 6(11 Suppl): Abstract PR09

37. **Yaghjyan L.**, Pettersson A, Colditz G, Collins L, Schnitt SJ, Beck A., Rosner B, Vachon C, Tamimi RM. Mammographic breast density and subsequent risk of breast cancer in postmenopausal women according to the status of selected tissue markers: a case-control study. *In Proceedings: 12<sup>th</sup> Annual AACR International Conference on Frontiers in Cancer Prevention Research 2013*, Oct 27-30, 2013, National Harbor, Maryland
38. Pinney S, Biro F, Herrick R, **Yaghjyan L**, Calafat A, Kato K, Succop P, Brown M, Hernick A, Bornschein R. P54—Exposure to perfluorooctanoic acid (PFOA) and plasma lipid concentrations in young girls. *Reproductive Toxicology* 2012; 33:618
39. Pinney S., Windham G, Biro F, Kushi L, Herrick R, **Yaghjyan L**. Age at puberty in relation to prepubertal measures of PFOA – new findings. *In Proceedings: of the 23rd International ISEE conference*, Sep 13th-16th, 2011, Barcelona, Spain
40. Pinney S., Herrick R., **Yaghjyan L**, Buckholz J, Nasuta J, Succop P, Wones R. Breast cancer incidence is related to uranium particulate exposure in a population living near uranium refinery. *In Proceedings: of the 23rd International ISEE conference*, Sep 13th-16th, 2011, Barcelona, Spain
41. Pinney SM, Biro FM, **Yaghjyan L**, Calafat AM, Dahl C, Brown K, Hernick A, Windham G, Calafat A, Ball K, Kushi L, Bornschein R. Pilot study of serum biomarkers of polyfluoroalkyl compounds in young girls. *Reprod. Toxicol.* 2009; 27: 422-423  
doi:10.1016/j.reprotox.2008.11.074
42. Pinney SM, Windham GC, Biro FM, Kushi LH, **Yaghjyan L**, Calafat A. Kato K, Succop P, Brown K, Hernick A, Bornschein R. Perfluorooctanoic Acid (PFOA) and Pubertal Maturation in Young Girls. *Epidemiology* 2009; 20 (6): S80.
43. Pinney SM, Biro FM, **Yaghjyan L**, Calafat AM, Windham G, Brown K, Hernick A, Sucharew H, Succop P, Ball K, Kushi L, Bornschein R. Pilot Study of Serum Biomarkers of Polyfluoroalkyl Compounds in Young Girls. *Epidemiology* 2008; 19 (6): S311.
44. Pinney S, **Yaghjyan L**, Wones, R. Uranium Exposure to a Community Population: Validation Using Urine Uranium With Isotopic Ratio. *Epidemiology, Suppl* September 2007: 18(5): S162.
45. **Yaghjyan L**, Pinney SM, Brown KM, Ice AW. Effectiveness and efficiency of recruitment strategies for a breast cancer registry. *Cancer Research*. 2006 April 15, 2006;66 (8 Supplement):1261.
46. **Yaghjyan L**, Pinney SM, Brown KM, Ice AW. Effectiveness and efficiency of recruitment strategies for a breast cancer registry. *In Proceedings: AACR annual conference 2006: Washington, DC, April 1-5, 2006.*
47. **Yaghjyan L**. Meat, Cooking Methods and Colorectal Cancer: A Case-Control Study in Armenia. *In Proceedings: 2<sup>nd</sup> International Young Medics Conference 2003*: 106. Sept 26-28, 2003, Yerevan, Armenia
48. Truzyan N., **Yaghjyan L**, Sargsyan N., Sargsyan V. Impact of an Educational Program on the Incidence of Worms in Pre-school Children in the Arabkir Region of Yerevan. *In*

*Proceedings:* 2<sup>nd</sup> International Young Medics Conference, Yerevan, Armenia, 2003: 97-98.  
Sept 26-28, 2003, Yerevan, Armenia

Other publications:

1. Educational publication: Pinney SM, **Yaghjyan L**, Beatty J. Biomarker description database. Series of .pdf files posted on BCERC intranet ([www.bcerc.org](http://www.bcerc.org)), September 2006.
2. On-line book chapter: **Yaghjyan L**. Quality Management Initiative at Nork Marash Medical Center. In: Health Services Management. (E-book), American University of Armenia, Armenia 2002; Available from: <http://chsr.aua.am/e-book/>

**CONFERENCES/PRESENTATIONS**

Tamimi R; Heng YJ; Baker GM; Murthy D; Mahoney M; Rosner BA; **Yaghjyan L (poster and talk)**. Associations of stem cell markers CD44, CD24, and ALDH1A1 with mammographic breast density. 10th International Breast Density Workshop, June 7- 9, 2023, Kailua-Kona, Hawaii.

Oh H; **Yaghjyan L**, Heng Y, Rosner B, Mahoney M, Murthy D, Tamimi R (poster). Early-life and adult anthropometric measures and stem cell markers in normal breast tissues among women with benign breast disease. The 6th International Molecular Pathological Epidemiology (MPE) Meeting: 10-Year Anniversary Summit. May 4-5, 2023, Buffalo, NY

Smotherman C, Sprague B, Datta S, Braithwaite D, **Yaghjyan L**. (poster) Interactions of Greenness with Air Pollution in Relation to Postmenopausal Breast Cancer Risk in UK Biobank. AACR annual meeting 2023. April 14 - 19, 2023, Orlando, FL

Smotherman C, Sprague B, Datta S, Braithwaite D, Qin H, **Yaghjyan L** (poster) Association of Air Pollution with Breast Cancer Risk in UK Biobank. ASPO's 47th Annual Meeting, March 12-14, 2023, San Diego, CA

Yaghjyan L, Heng Y, Baker G, Murthy D, Mahoney M, Rosner B, Tamimi R. (poster) Associations of CD44, CD24, and ALDH1A1 expression in benign breast biopsies with subsequent breast cancer risk. ASPO's 47th Annual Meeting, March 12-14, 2023, San Diego, CA

Smotherman C, Sprague B, Datta S, Braithwaite D, Qin H, **Yaghjyan L** (short talk) Association of Air Pollution with Breast Cancer Risk in UK Biobank. Southeast Regional Clinical and Translational Science Conference, Wednesday, March 1 - Friday, March 3, 2023, Pine Mountain, GA

**Yaghjyan L**, Heng YJ, Baker GM, Murthy D, Mahoney M, Rosner BA, Tamimi RM (poster) Associations of reproductive factors with expression of CD44, CD24, and ALDH1A1 stem cell markers in benign breast biopsies. Society for Epidemiologic Research 2023 Mid-Year Meeting February 27-March 3, 2023 (virtual).

L. Yaghjyan, August 2023

Smotherman C, Sprague B, Datta S, Braithwaite D, Qin H, **Yaghjyan L** (short talk) Association of Air Pollution with Breast Cancer Risk in UK Biobank. UF PPHP Research Day, February 09, 2023. Gainesville, FL

Smotherman C, Sprague B, Datta S, Braithwaite D, Qin H, **Yaghjyan L** (poster) Association of Air Pollution with Breast Cancer Risk in UK Biobank. UF Cancer Center Research Day, January 11, 2023. Gainesville, FL

**Yaghjyan L.** AI in molecular cancer epidemiology and cancer screening(talk) UF Health Cancer Center Cancer AI Working Group Monthly Meeting, Gainesville, FL. May 10, 2022 (virtual)

**Yaghjyan L.** Novel breast cancer risk biomarkers across woman's lifespan (talk) UF Health Cancer Center Strategic Membership Retreat, Gainesville, FL. February 1, 2022 (virtual)

**Yaghjyan L.** AI and Molecular Cancer Epidemiology: New Approaches, New Discoveries. (talk) UF Health Cancer Center Topics in Cancer Seminar Series, Gainesville, FL. January 14, 2022 (virtual)

**Yaghjyan L**, Austin-Datta R, Heng YJ, Baker G, Rosner B, Tamimi R.2022. Associations of alcohol consumption with benign breast tissue composition. 2021 San Antonio Breast Cancer Symposium (poster) San Antonio, Texas/virtual (hybrid).December 7-10, 2021

**Yaghjyan L.** Emerging Areas in Breast Cancer Prevention Research: Challenges and Opportunities. (talk) UF Health Cancer Center Cancer Control and Population Sciences Seminar, Gainesville, FL. November 22, 2021 (virtual)

**Yaghjyan L.**, Eliassen H, Colditz G, Rosner B, Wijayabahu A., Tamimi R. (**poster**) Associations of aspirin and other anti-inflammatory medications with breast cancer risk by the status of COX2 receptor. 2021 AACR Annual Meeting, April 10-14 (virtual)

Austin-Datta RJ, Oh H, Heng YJ, Vellal AD, Sirinukunwattana K, Baker GM, Collins LC, Murthy D, Rosner B, Tamimi RM, **Yaghjyan L.** (recorded talk) Association of reproductive breast cancer risk factors with breast tissue composition. UF PPHP Research Day. February 11th, 2021 (virtual)

Smotherman C, Tamimi R, Heine J, Colditz G, Rosner B, **Yaghjyan L.** (**poster**) Associations of oral contraceptives with mammographic breast density. UFHCC Research Day, December 8, 2020, Gainesville, FL

**Yaghjyan L.**, Austin-Datta R, Oh H et al. (**poster**) Reproductive breast cancer risk factors and breast tissue composition on benign breast biopsies. UFHCC Research Day, December 8, 2020, Gainesville, FL

**Yaghjyan L.**, Austin-Datta R, Oh H et al. (**poster**) Reproductive breast cancer risk factors and breast tissue composition on benign breast biopsies. San Antonio Breast Cancer Symposium, December 8-11, 2020 (virtual)

Bradley J; Cheng D, Omer S, **Yaghjyan L**, Mailhot-Vega R, Lockney N, Spiguel L, Louis D, Mendenhall N, Okunieff P. (**poster**)Heart to Heart: Excess Cardiac Risk between Photon and Proton Radiation in the Treatment of Breast Cancer. ASTRO Annual Meeting, October 25-28, 2020 (virtual)

L. Yaghjyan, August 2023

Darville L, Cline J, Rozmeski C, Martinez Y, Rich S, Egan K, **Yaghjyan L**, Koomen J. (**poster**) Derivatization Approaches for Endogenous Steroid Hormones in Human Urine Using High-Resolution LC-MS. ASMS Conference on Mass Spectrometry and Allied Topics . June 1-12, 2020 (virtual)

Klann E., Williamson J, Tagliamonte M, Ukhanova M, Asirvatham J, Chim H, **Yaghjyan L\*** Mai V\* (**poster**) Microbiota composition in bilateral healthy breast tissue and breast tumors. The Microbiome, Viruses, and Cancer (AACR). Feb. 21-24, 2020, Orlando, Florida

\*authors with equal contributions

**Yaghjyan L**, Wang X, Ukhanova M, Martinez-Monta Y, Rich S, Mai V, Egan K. (**poster**) Association of gut microbiome diversity with obesity and breast density in postmenopausal women. The Microbiome, Viruses, and Cancer (AACR). Feb. 21-24, 2020, Orlando, Florida

Smotherman C., **Yaghjyan L. (poster)** Urinary Aquaporin 1 (AQP-1) and Perilipin 2 (PLIN-2) concentrations as potential renal cancer biomarkers: a systematic review. PHHP Research Day, February 6<sup>th</sup>, Gainesville, FL

Smotherman C., Parker A, **Yaghjyan L. (poster)** Urinary Aquaporin 1 (AQP-1) and Perilipin 2 (PLIN-2) concentrations as potential renal cancer biomarkers: a systematic review. COM Research Day, February 25<sup>th</sup>, Gainesville, FL

Smotherman C, Tamimi R, Heine J, Colditz G, Rosner B, **Yaghjyan L. ( poster)** Associations of oral contraceptives with mammographic breast density COM Research Day, February 25<sup>th</sup>, Gainesville, FL

Smotherman C, Tamimi R, Heine J, Colditz G, Rosner B, **Yaghjyan L.** Associations of oral contraceptives with mammographic breast density (**poster**) . ASPO Annual Meeting 2020, March 22-24, 2020, Tucson, AZ (virtual)

Darville-Bowleg L., Liu M., Cline J, Koomen J, Martinez-Monta Y, Rich S, **Yaghjyan L**, Egan K. (**poster**) Analysis of Endogenous Steroid Hormones in Urine Using High-Resolution LC-MS. ASMS Conference on Mass Spectrometry and Allied Topics. Atlanta, GA June 2 - 6, 2019

**Yaghjyan L**, Tamimi R, Rosner B, Colditz G, Eliassen H, and Wijayabahu A. (**poster**). Associations of anti-inflammatory medication use with mammographic breast density. 43rd Annual ASPO Conference. Tampa, FL. Mar 10- 12, 2019.

**Yaghjyan L**, Vachon C, Jensen M, Wijayabahu A, Scott C, and Esnakula A. (**poster**). Associations of mammographic breast density with breast stem cell marker-defined breast cancer subtypes. AACR Annual Meeting 2019. Atlanta, GA. Apr 14- 18, 2019.

Ilozumba M, **Yaghjyan L**, Cheng D. (**poster**) Cadmium Exposure And Risk Of Adverse Kidney Outcome. PHHP Research Day, University of Florida, Gainesville, FL, April 4, 2019.

**Yaghjyan L**, Tamimi R, Rosner B, Colditz G, Eliassen H, and Wijayabahu A. (**poster**). Associations of anti-inflammatory medication use with mammographic breast density. PHHP Research Day, University of Florida, Gainesville, FL, April 4, 2019.

L. Yaghjyan, August 2023

Wijayabahu A, **Yaghjyan L. (poster)** Uterine Cancer in Breast Cancer Survivors: A Systematic Review. Graduate Research Day. University of Florida, Gainesville, FL, April 2, 2019.

Barbey B, **Yaghjyan L**, Kubilis P, Beck A, Goodney P, Giles K, Huber T, Upchurch G, and Scali S. **(talk)** Influence of Gender and Frailty on Mortality after Elective Aortic Aneurysm Repair. SAVS 43rd Annual Meeting. Boca Raton, FL. Jan 23- 26, 2019.

Klann E, Williamson J, Tagliamonte M, Ukhanova M, Asirvatham R, Chim H, **Yaghjyan L**, Mai V. **(poster)**. Microbiota of Cancerous and Healthy Breast Tissues. COM Celebration of Research, Gainesville, FL, February 19, 2019 (Drs. Yaghjyan and Mai contributed equally)

**Yaghjyan L.**, Wijayabahu A, Eliassen H , Colditz G, Rosner B, Tamimi R **(poster)**. Associations of anti-inflammatory medication use with mammographic breast density. COM Celebration of Research, Gainesville, FL, February 19, 2019

Klann E, Williamson J, Tagliamonte M, Ukhanova M, Asirvatham R, Chim H, **Yaghjyan L**, Mai V. **(poster)**. Microbiota of Cancerous and Healthy Breast Tissues. EPI Research Day, February 7, 2019, Gainesville, FL (Drs. Yaghjyan and Mai contributed equally)

**Yaghjyan L.**, Wijayabahu A, Eliassen H , Colditz G, Rosner B, Tamimi R **(poster)**. Associations of anti-inflammatory medication use with mammographic breast density. UFHCC Research Day, Gainesville, FL , October 30, 2018

Klann E, Williamson J, Tagliamonte M, Ukhanova M, Asirvatham R, Chim H, **Yaghjyan L**, Mai V. **(poster)**. Microbiota of Cancerous and Healthy Breast Tissues. UFHCC Research Day, Gainesville, FL, October 30, 2018

Darville L., Koomen J, **Yaghjyan L**, Egan K. **(poster)** DMABC Derivatization and LC-PRM MS for Measuring Estrogen Metabolites in Human Urine. 66th ASMS Conference on Mass Spectrometry and Allied Topics. San Diego, CA, June 2-3, 2018

Yaghjyan L. Associations of gut microbiota with urinary estrogens in postmenopausal women. FACCA Annual Retreat 2018. **(talk)**. Tampa, FL, May 02, 2018

Esmkhani R, Ukhanova M, **Yaghjyan L**, Mai V **(poster)**. Gut microbiota in postmenopausal women. UF PHHP Research Day, April 6, 2018

Omer S, Bradley J, Cheng D, **Yaghjyan L**, Okunieff P, Pearson T. **(poster)** Comparative Analysis of the Risk of Adverse Cardiac Events in Breast Cancer Patients Receiving Radiotherapy UF PHHP Research Day, April 6, 2018

Wijayabahu A, Zhou Z, Cook R, Brumback B, Whitehead N **Yaghjyan L. (poster)** Cancer screening practices and healthy behavioral choices of people living with HIV/AIDS are different by biological gender and years since HIV diagnosis. UF PHHP Research Day, April 6, 2018

Wijayabahu AT, Zhou Z, Cook R L, Brumback B, Whitehead N, **Yaghjyan L (poster)** Healthy behavioral choices and cancer screening in individuals living with HIV/AIDS are different by biological gender and years since HIV diagnosis. 42<sup>nd</sup> Annual ASPO Conference, New York, NY, March 10-13, 2018

L. Yaghjyan, August 2023

**Yaghjyan L.**, Rich S., Mao L., Mai V., Egan K. (**poster**) Interactions of coffee consumption and postmenopausal hormone use in relation to breast cancer risk in UK Biobank. 42<sup>nd</sup> Annual ASPO Conference, New York, NY, March 10-13, 2018

Wijayabahu A, Zhou Z, Cook R, Brumback B, Whitehead N, **Yaghjyan L. (oral and poster)** Cancer screening practices and healthy behavioral choices of people living with HIV/AIDS are different by biological gender and years since HIV diagnosis. Florida Consortium for HIV/AIDS Research (FCHAR) conference, Miami, FL, February 24<sup>th</sup>, 2018

Wijayabahu A, Zhou Z, Cook R, Brumback B, Whitehead N, **Yaghjyan L. (poster)** Cancer screening practices and healthy behavioral choices of people living with HIV/AIDS are different by biological gender and years since HIV diagnosis. UF COM Celebration of Research, February 19, 2018

**Yaghjyan L.**, Rich S., Mao L., Mai V., Egan K. (**poster**). Interactions of coffee consumption and postmenopausal hormone use in relation to breast cancer risk in UK Biobank UF COM Celebration of Research, February 19, 2018

Wijayabahu A, Zhou Z, Cook R, Brumback B, Whitehead N, **Yaghjyan L. (poster)** Cancer screening practices and healthy behavioral choices of people living with HIV/AIDS are different by biological gender and years since HIV diagnosis. EPI Research Day University of Florida Emerging pathogen institute research day, Gainesville, FL, February 15<sup>th</sup>, 2018,

Wijayabahu A, Zhou Z., Cook R., **Yaghjyan L. (poster)**. Cancer screening practices and healthy behavioral choices of people living with HIV/AIDS are different by biological gender and years since HIV diagnosis. UFHCC Research Day, Gainesville, FL, November 16<sup>th</sup>, 2017

**Yaghjyan L.**, Rich S., Mao L., Mai V., Egan K. (**poster**) Interactions of coffee consumption and postmenopausal hormone use in relation to breast cancer risk in UK Biobank. UFHCC Research Day, Gainesville, FL, November 16<sup>th</sup>, 2017

Kowalski A., Striley C., Varma D., Egan K., **Yaghjyan L. (poster)** Alcohol consumption, adjuvant hormone therapy and adverse breast cancer-related outcomes. PHHP Research Day, University of Florida, Gainesville, FL, April 12<sup>th</sup>, 2017

Kowalski A., Striley C., Varma D., Egan K., **Yaghjyan L. (poster)** Alcohol consumption, adjuvant hormone therapy and adverse breast cancer-related outcomes. Graduate Student Research Day, University of Florida, Gainesville, FL, April 3<sup>rd</sup>, 2017

Kowalski A., Striley C., Varma D., Egan K., **Yaghjyan L. (poster)** Alcohol consumption, adjuvant hormone therapy and adverse breast cancer-related outcomes. UF COM Celebration of Research, February 27, 2017

**Yaghjyan L.**, Colditz G., Rosner B., Gasparova A., Tamimi R. (**poster**) Associations of coffee consumption and caffeine intake with mammographic breast density. AACR Annual meeting 2017, Washington, DC, April 1-5

Wanigatunga A, Gill T, Marsh A., Hsu FC, **Yaghjyan L**, Woods A, et al. (**talk**) Investigating the intervening effect of hospitalizations on daily activity measured by accelerometry". Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM), Bethesda, MD, June 21-23



L. Yaghjian, August 2023

**Yaghjian L.**, Tamimi R., Bertrand K, Scott C., Jensen M, Pankratz S, Brandt K, Visscher D, Norman A, Couch F, Shepherd J, Fan B, Chen Y, Ma L, Beck A, Cummings S, Kerlikowske K, Vachon C. **(poster)** Interaction of mammographic breast density with menopausal status and postmenopausal hormone use in relation to the risk of aggressive breast cancer subtypes. AACR Improving Cancer Risk Prediction for Prevention and Early Detection. Orlando, FL. November 16-19, 2016

**Yaghjian L.**, Stoll E, Ghosh K, Scott C, Jensen M, Brandt K, Visscher D, Vachon C. **(poster)** Tissue-based associations of mammographic breast density with stem cell markers. UF Cancer Center Research Day, November 3, 2016

**Yaghjian L.**, Carlsson N, Ghita G., Chang SH. **(poster)**. Association of individual and lifestyle characteristics with metabolism of di-2-ethylhexyl phthalate. Society for Epidemiologic Research. Miami, FL. June 21-24, 2016

**Yaghjian L.**, Tamimi R, Bertrand K, Scott C, Jensen M, Pankratz V, Visscher D, Norman A, Couch F, Shepherd J, Fan B, Chen YY, Ma L, Beck A, Cummings S, Kerlikowske K, Vachon C. **(poster)**. Associations of mammographic breast density with the risk of breast cancer by tumor stage, menopausal status, and current postmenopausal hormone use. Society for Epidemiologic Research. Miami, FL. June 21-24, 2016

**Yaghjian L.**, Ghita G, Rosner B, Farvid M, Bertrand K, Tamimi R. **(short talk)**. Adolescent fiber intake and mammographic breast density in premenopausal women. 2016 AACR Annual meeting, New Orleans, Louisiana. Apr 16-20, 2016.

**Yaghjian L.**, Arao R., Brokamp C., O'Meara E., Sprague B., Ghita G., and Ryan P. **(poster)**. Association of PM2.5 and ozone exposure with mammographic breast density in the Breast Cancer Surveillance Consortium. 2016 AACR Annual meeting. New Orleans, Louisiana. Apr 16-20, 2016.

Li D, Mai V, Gerke T, **Yaghjian. L (poster)**. Family History Of Breast Cancer, Radiotherapy, and Breast Cancer Recurrence. PPHP Research Day, University of Florida. April 13, 2016.

Ghita G, Carlsson N, Chang S-H, **Yaghjian L. (poster)** Individual characteristics, lifestyle, and di-2-ethylhexyl phthalate metabolism. PPHP Research Day, University of Florida. April 13, 2016

Yaghjian L, Egan K **(invited talk)**. Gut microflora and estrogens: a new paradigm for breast cancer risk reduction. FACCA Retreat, Miami, FL, March 3-4, 2016

Li D., Mai V, Gerke T, **Yaghjian L (poster)**. Interactions of Family History of Breast Cancer with Radiotherapy in Relation to Breast Cancer-free Survival in A Population-based Breast Cancer Registry. UF College of Medicine Celebration of Research, Gainesville, FL, February 22, 2016

Ghita G, Dumont-Driscoll M, Chang S-H, **Yaghjian L (poster)**. Association of maternal exposure to phthalates with gestational age, preterm delivery, and birthweight: a systematic review. UF Graduate Student Research Day, Gainesville, FL, October 27, 2015

**Yaghjian L.**, Pettersson A, Colditz G, Collins L, Schnitt S, Beck A, Rosner B, Vachon C, Tamimi R. **(poster)** Postmenopausal Mammographic Breast Density and Subsequent Breast Cancer

L. Yaghjian, August 2023

Risk According to Selected Tissue Markers. MiCaRT Lake Nona Open House and Breast Cancer Research Symposium, Orlando, FL, October 22, 2015

**Yaghjian L.**, Colditz G, Rosner B, Bertrand K, Tamimi R. **(poster)** Reproductive factors related to childbearing and mammographic breast density. MiCaRT Lake Nona Open House and Breast Cancer Research Symposium, Orlando, FL, October 22, 2015

**Yaghjian L.**, Ghita G, Vorhis E, Wasserman M, Yang L. **(poster)** Establishment of North Florida Breast health Cohort. MiCaRT Lake Nona Open House and Breast Cancer Research Symposium, Orlando, FL, October 22, 2015

Huyhn C, **Yaghjian L (poster, Honours Research)** Health-Related Behaviors Among Youth (18-24 Years) In The University Setting. PHHP Research Day, April 08, 2015.

**Yaghjian L.**, Colditz G., Rosner B., Patel C., Tamimi R. **(poster)** Breastfeeding, Parity, and Mammographic Breast Density. ASPO Annual Meeting 2015, Birmingham, AL, March 13-17

Wang M., Patel C., **Yaghjian L. (mentored)**. Breast size and breast cancer risk: a systematic review. 4th Annual SER Student and PostDoc Committee (SER-SPC) Student Novel Methods Web Conference. November 5, 2014.

**Yaghjian L.**, Colditz G. Rosenr B, Tamimi R. **(poster)** Mammographic breast density and breast cancer risk: interactions of percent density, absolute dense and non-dense areas with breast cancer risk factors. 13<sup>th</sup> Annual AACR Conference on Frontiers in Cancer Prevention Research 2014, New Orleans, LA, September 28-October 1

Culpepper T, Ukhanova M, **Yaghjian L**, Sites S, Sun Y, Prosperi M, Mai V. **(poster)** Correlations between diet, gut microbiota and epithelial methylation pattern with CRC risk. 13<sup>th</sup> Annual AACR Conference on Frontiers in Cancer Prevention Research 2014, New Orleans, LA, September 28-October 1, 2014

Sites S., Chang S-H, Ruan Y, **Yaghjian L (poster)**. Associations of Urinary Phthalates with Body mass Index, Waist Circumference, and Serum Lipids Among US Females: National Health and Nutrition Examination Survey 1999-2004. UF Graduate Student Research Day, Gainesville, FL, October 28, 2014

Sites S., Chang S-H, Ruan Y, **Yaghjian L (poster)**. Associations of Urinary Phthalates with Body mass Index, Waist Circumference, and Serum Lipids Among US Females: National Health and Nutrition Examination Survey 1999-2004. SEC Symposium 2014, Atlanta, GA, September 19-23

Bekteshi V., **Yaghjian L**, et al. **(poster)** Health behaviors among prostate cancer survivors: National Health Interview Survey 2005. 38th Annual meeting of the American Society of Prevention Oncology (ASPO), Arlington, VA March 8-11, 2014

Collins L, Beck A, **Yaghjian L**, et al. **(poster)** Subsequent Breast Cancer Risk and Tumor Biomarker Expression According to Mammographic Density: A Nested Case-control Study. 103rd USCAP Annual Meeting, San Diego, CA. March 1-7, 2014

**Yaghjian L.**, Pettersson A, Colditz G, Collins L, Schnitt S, Beck A, Rosner B, Vachon C, Tamimi R. **(Short talk)** Mammographic breast density and subsequent risk of breast cancer in

postmenopausal women according to the status of selected tissue markers: a case-control study. 12<sup>th</sup> Annual AACR Conference on Frontiers in Cancer Prevention Research 2013, National Harbor, MD, October 27-30, 2013

**Yaghjyan L**, Colditz GA, Rosner B, Tamimi RM. **(poster)** Mammographic Breast Density and Subsequent Risk of Breast Cancer in Postmenopausal Women According to the Statuses of Selected Tissue Markers: a Case-control Study. Breast Cancer Research Program Retreat, Washington University in St. Louis, St. Louis, MO, February 20, 2012

Pinney SM (speaker), Windham GC, Biro FM, Kushi LH, Herrick RL, **Yaghjyan L**, Calafat A, Kato K, Succop P, Bornschein R. Age at puberty in relation to prepubertal measures of PFOA- new findings. The 23<sup>rd</sup> International ISEE conference, Barcelona, Spain, September 13<sup>th</sup>-16<sup>th</sup> 2011

Pinney S., Herrick R., **Yaghjyan L**, Buckholz J, Nasuta J, Succop P, Wones R. **(poster)** Breast cancer incidence is related to uranium particulate exposure in a population living near uranium refinery. The 23<sup>rd</sup> International ISEE conference, Barcelona, Spain, September 13<sup>th</sup>-16<sup>th</sup>, 2011

Pinney S., Windham G, Biro F, Kushi L, Herrick R, **Yaghjyan L**. **(poster)** Age at puberty in relation to prepubertal measures of PFOA – new findings. 23rd International ISEE conference, Barcelona, Spain, September 13th-16th, 2011

**Yaghjyan L**, Colditz GA, Rosner B, Tamimi RM. **(poster)** Mammographic breast density and breast cancer risk by menopausal status, postmenopausal hormone use and a family history of breast cancer. 7th Annual Postdoc Scientific Symposium, Washington University in St. Louis, St. Louis, MO, March 29, 2011

**Yaghjyan L**, Colditz GA, Rosner B, Tamimi RM. **(poster)** Mammographic breast density and breast cancer risk by menopausal status, postmenopausal hormone use and a family history of breast cancer. Breast Cancer Research Program Retreat, Washington University in St. Louis, St. Louis, MO. February 28, 2011

Pinney SM, Biro FM, Herrick R, **Yaghjyan L**, Calafat A, Kato K, Succop P, Brown M, Hernick A, Bornschein R **(poster)** Exposure to perfluorooctanoic acid (PFOA) and plasma lipid concentrations in young girls. U.S. EPA's PFAA Days III Symposium, Research Triangle Park, NC, June 8 - 10, 2010

Pinney SM (speaker), Windham GC, Biro FM, Kushi LH, **Yaghjyan L**, Calafat A, Kato K, Succop P, Brown K, Hernick A, Bornschein R. Timing of Exposure to Perfluorooctanoic Acid (PFOA) and Benchmarks of Pubertal Maturation. Breast Cancer and the Environment Research Centers Sixth Annual Early Environmental Exposures Meeting, Cavallo Point, Sausalito, CA, November 19 - 20, 2009

Pinney SM (speaker), Windham GC, Biro FM, Kushi LH, **Yaghjyan L**, Calafat A, Kato K, Succop P, Brown K, Hernick A, Bornschein R. Perfluorooctanoic acid (PFOA) and Pubertal Maturation in Young Girls. The 21<sup>st</sup> International ISEE Conference, August 26-29, 2009, Dublin, Ireland.

Pinney SM. (speaker), Biro FM., **Yaghjyan L**, Calafat A, et al. Perfluorooctanoic acid (PFOA) and Pubertal Maturation in Young Girls. Emerging Topics in Breast Cancer and the Environment

L. Yaghjian, August 2023

Research Fifth Annual Early Environmental Exposures Meeting, November 13-14, 2008, Birmingham, AL.

Pinney SM., **Yaghjian L**, Biro FM., Bornschein R. **(poster)** Different patterns of oxidative metabolism of MEHP to MEHP, MEOHP and MECP. Emerging Topics in Breast Cancer and the Environment Research Fifth Annual Early Environmental Exposures Meeting, November 13-14, 2008, Birmingham, AL **(Best Poster Award, First Prize)**.

Pinney SM (speaker), Biro FM, **Yaghjian L**, Calafat AM, et al. Pilot Study of Serum Biomarkers of Polyfluoroalkyl Compounds in Young Girls. 2008 Joint ISEE-ISEA Conference, Pasadena, CA, October 12-16, 2008

**Yaghjian L**, Pinney SM, Mahoney MC, Morton AR, Buckholz J. **(poster)** Methods Study of Assessing Mammographic Breast Density. 28th Annual Graduate Student Research Forum, College of Medicine, University of Cincinnati, Cincinnati, OH, November 15, 2007

Pinney SM, Killough GG., Nasuta J, **Yaghjian L**, et al. **(poster)** Breast cancer incidence is related to uranium particulate exposure in a population living near a uranium refinery. Emerging Topics in Breast Cancer and the Environment Research Fourth Annual Early Environmental Exposures Meeting, Cincinnati, OH, November 8 - 9, 2007

Pinney SM, Biro FM, **Yaghjian L**, Calafat AM, et al. **(poster)** Pilot Study of Serum Biomarkers of Polyfluoroalkyl Compounds in Young Girls. Emerging Topics in Breast Cancer and the Environment Research Fourth Annual Early Environmental Exposures Meeting, Cincinnati, OH, November 8 - 9, 2007

**Yaghjian L**, Pinney SM, Mahoney MC, Morton AR, Buckholz J. **(poster)** Methods Study of Assessing Mammographic Breast Density. Emerging Topics in Breast Cancer and the Environment Research Fourth Annual Early Environmental Exposures Meeting, 2007, Cincinnati, OH, November 8 - 9

Pinney S, **Yaghjian L**, Wones, R. **(poster)** Uranium Exposure to a Community Population: Validation Using Urine Uranium With Isotopic Ratio. 19th Conference International Society for Environmental Epidemiology (ISEE), Mexico City, Mexico, September 5-9, 2007

Pinney SM, Biro FM, **Yaghjian L**, Calafat AM, et al. **(poster)** Pilot Study of Serum Biomarkers of Polyfluoroalkyl Compounds in Young Girls. Future Research on Endocrine Disruption: Translation of Basic & Animal Research to Understand Human Disease (NIEHS), Durham, North Carolina, August 27-29, 2007

**Yaghjian L**, Pinney SM, Brown KM, Ice AW. **(poster)** Effectiveness and efficiency of recruitment strategies for a breast cancer registry. 2006 AACR Annual Meeting, Washington, DC, April 1-5, 2006

**Yaghjian L**, Pinney SM, Brown KM, Ice AW. **(poster)** Effectiveness and efficiency of recruitment strategies for a breast cancer registry. Graduate Poster Forum, Cincinnati, OH, March 3, 2006

L. Yaghjian, August 2023

Pinney SM, **Yaghjian L**, Brown KM, Ice AW. **(poster)** Choice to Join a Breast Cancer Registry: Racial Differences. Emerging Topics in Breast Cancer and the Environment Research, 2nd annual BCERC Symposium. Lansing, MI , November 9-11, 2005

Pinney SM, **Yaghjian L**, Brown MK, Ice AW. **(poster)** Effectiveness and Efficiency of Recruitment Strategies for a Breast Cancer Registry. Emerging Topics in Breast Cancer and the Environment Research, 2nd annual BCERC Symposium, Lansing, MI, November 9-11, 2005

**Yaghjian L. (talk)** Meat, Cooking Methods and Colorectal Cancer: A Case-Control Study in Armenia. 2nd International Young Medics Conference, Yerevan, Armenia, September 26-28, 2003

### **MEDIA INTERVIEWS/RELEASES (selected)**

By Heather Wysocki. Florida lags behind 34 states in firefighter cancer law. Available from <http://www.news-press.com/story/news/2015/02/14/florida-lags-behind-states-firefighter-cancer-law/23432131/>

UF Believe in Cure 2015 [http://cdn.webservices.ufhealth.org/wp-content/blogs.dir/270/files/2015/10/BiaC\\_Summer2015\\_LowRes.pdf](http://cdn.webservices.ufhealth.org/wp-content/blogs.dir/270/files/2015/10/BiaC_Summer2015_LowRes.pdf)

Firefighters and Cancer. GTN News Interview by Alicia Tarancon, aired 2/10/2016

UF Newsroom. Air pollution and breast density in BCSC. 4/06/2017 <http://bit.ly/2nH1qzo>

Air pollution and breast density. Australian Broadcasting Company. 4/06/2017

Air pollution and breast density. Interview with Kathleen Doheny 4/5/2017 <https://consumer.healthday.com/cancer-information-5/breast-cancer-news-94/can-smog-raise-breast-cancer-risk-721376.html>

Air pollution and breast density. Interview with WUFT 4/7/2016 <https://www.aol.com/article/news/2017/04/07/study-potential-link-between-air-pollution-and-breast-cancer/22030498/>

### **INVITED TALKS**

**Yaghjian L.**, Emerging areas in breast cancer prevention research: challenges and opportunities. January 28, 2021, University of Alabama (virtual)

**Yaghjian L.** Molecular epidemiology of breast density and benign breast disease UFHCC CPS retreat, Gainesville, FL, December 14, 2020

**Yaghjian L.** Emerging areas in breast cancer research, UFHCC Breast Cancer Research Retreat, Gainesville, FL, November 10, 2020

**Yaghjian L.**, Emerging areas in breast cancer prevention research: challenges and opportunities. December 11, 2020, University of South Carolina (virtual)

L. Yaghjyan, August 2023

**Yaghjyan L.**, Mammographic breast density: molecular epidemiology approaches to unraveling the mystery. September 18<sup>h</sup>, 2019, University of South Florida, Tampa, FL

**Yaghjyan L.**, Emerging areas in breast cancer prevention research: challenges and opportunities. July 22<sup>nd</sup>, 2019, University of Kentucky, Lexington, KY

**Yaghjyan L.**, Mammographic breast density: molecular epidemiology approaches to unraveling the mystery. May 7<sup>th</sup>, 2019, University of Kentucky, Lexington, KY

**Yaghjyan L.**, Mammographic breast density: molecular epidemiology approaches to unraveling the mystery. March 4<sup>th</sup>, 2019, Augusta University, Augusta, GA

**Yaghjyan L.**, Mammographic breast density: molecular epidemiology approaches to unraveling the mystery. February 4<sup>th</sup>, 2019, University of South Carolina, Columbia, SC

**Yaghjyan L.**, Mammographic breast density: molecular epidemiology approaches to unraveling the mystery. September 10<sup>th</sup>, 2018, University of Louisville, Louisville, KY

**Yaghjyan L.**, Mammographic breast density: molecular epidemiology approaches to unraveling the mystery. August 14<sup>th</sup>, 2017, University of Arkansas for Medical Sciences, Little Rock, AR

**Yaghjyan L.** Mammographic breast density and breast cancer risk: molecular epidemiology approach to unraveling the mystery. UF Cancer Center Topics in Cancer Seminar. April 17, 2015, Gainesville, FL

**Yaghjyan L.** Breast Cancer: From Research to Action. Breast Cancer Awareness Month at HealthStreet Gainesville, October 18, 2013, Gainesville, FL

**Yaghjyan L.** Mammographic Breast Density and the Risk of Breast Cancer: A Quest for Answers. Department of Epidemiology and Biostatistics, Michigan State University, November 09, 2012, Lansing, MI

**Yaghjyan L.** Mammographic Breast Density and the Risk of Breast Cancer: A Quest for Answers. Department of Epidemiology, West Virginia University, September 27, 2012, Morgantown, WV

**Yaghjyan L.** Breast Cancer Incidence is Related to Uranium Particulate Exposure in a Population Living near a Uranium Refinery. SUNY Downstate Medical Center, January 15, 2009, New York, NY.

## FELLOWSHIPS

2007                      University of Cincinnati Research Council Graduate Student Summer Research Fellowship

## HONORS AND AWARDS

2018                      **PHHP 5-year Service Award**, College of Public Health and Health Professions, University of Florida

2018	<b>Master of Public Health Award for Faculty Excellence</b> , College of Public Health and Health Professions, University of Florida
2018	<b>Best poster award, 3<sup>rd</sup> place (senior author)</b> , Cancer screening practices and healthy behavioral choices of people living with HIV/AIDS are different by biological gender and years since HIV diagnosis. Florida Consortium for HIV/AIDS Research (FCHAR) conference, Miami, FL, February 24 <sup>th</sup> , 2018
2017	<b>2017 Dean's Citation Award</b> , College of Public Health and Health Professions, University of Florida
2015	Nominee from UF COM for NIH Outstanding New Environmental Scientist (ONES) Award (R01)
2008-2011	<b>AAAS membership award</b> through AAAS/Science Program for Excellence in Science
2008	<b>Best Poster Award, First Prize (co-author)</b> . Different patterns of oxidative metabolism of MEHP to MEHHP, MEOHP and MECPP. Emerging Topics in Breast Cancer and the Environment Research Fifth Annual Early Environmental Exposures Meeting, November 13-14, 2008, Birmingham, AL
2004-2009	<b>University Graduate Assistantship</b> , University of Cincinnati
2004-2009	<b>Environmental Health Scholarship</b> , University of Cincinnati
2002-2003	<b>Merit Scholarship</b> , American University of Armenia
1991-1997	<b>Governmental Scholarship</b> , Yerevan State Medical University
1997	<b>Diploma with Honor (MD)</b> , Yerevan State Medical University

## TEACHING EXPERIENCE

2005 (Summer)	<b>Visiting Lecturer:</b> Research Seminar Series (MPH program), American University of Armenia, College of Health Sciences, Yerevan, Armenia
2007 (Spring)	<b>Trainer:</b> Training for the Study Helpers with the Growing Up Female study, Cincinnati, OH
2007 (Spring, Fall)	<b>Teaching Assistant:</b> Cancer Epidemiology, Department of Environmental Health, University of Cincinnati College of Medicine, Cincinnati, OH
2011 (Fall)	<b>Teaching Assistant:</b> Introduction to Epidemiology (MPHS Program), Division of Public Health Sciences, Washington University in St. Louis School of Medicine
2014 (Spring)	<b>Instructor:</b> Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida
2014 (Fall)	<b>Instructor:</b> Molecular Epidemiology (PHC 6937), Department of Epidemiology, University of Florida
2015 (Spring)	<b>Instructor:</b> Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida
2015 (Fall)	<b>Instructor:</b> Molecular Epidemiology (PHC 7595), Department of Epidemiology,

	University of Florida
2016 (Spring)	<b>Instructor:</b> Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida
2016 (Fall)	<b>Instructor:</b> Molecular Epidemiology (PHC 7595), Department of Epidemiology, University of Florida
2017 (Spring)	<b>Instructor:</b> Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida
2017 (Summer)	<b>Instructor:</b> Epidemiology Methods II (PHC 6011), Department of Epidemiology, University of Florida
2017 (Fall)	<b>Instructor:</b> Molecular Epidemiology (PHC 7595), Department of Epidemiology, University of Florida
2018 (Spring)	<b>Instructor:</b> Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida
2018 (Summer)	<b>Instructor:</b> Epidemiology Methods II (PHC 6011), Department of Epidemiology, University of Florida
2018 (Fall)	<b>Instructor:</b> Molecular Epidemiology (PHC 7595), Department of Epidemiology, University of Florida
2018 (Fall)	<b>Instructor:</b> Epidemiology Seminar I (PHC 7934), Department of Epidemiology, University of Florida
2019 (Spring)	<b>Instructor:</b> Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida
2019 (Summer)	<b>Instructor:</b> Epidemiology Methods II (PHC 6011), Department of Epidemiology, University of Florida
2019 (Fall)	<b>Instructor:</b> Molecular Epidemiology (PHC 7595), Department of Epidemiology, University of Florida
2019 (Fall)	<b>Instructor:</b> Epidemiology Seminar I (PHC 7934), Department of Epidemiology, University of Florida
2020 (Spring)	<b>Instructor:</b> Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida
2020 (Fall)	<b>Instructor:</b> Molecular Epidemiology (PHC 7595), Department of Epidemiology, University of Florida
2020 (Fall)	<b>Instructor:</b> Epidemiology Seminar I (PHC 7934), Department of Epidemiology, University of Florida
2021 (Fall)	<b>Instructor:</b> Molecular Epidemiology (PHC 7595), Department of Epidemiology, University of Florida

**Other teaching activities:**

**Yaghjyan L. Invited lecture:** Cancer Epidemiology and Screening Strategies. Applied Epidemiology (PHC 4024, Shapiro), University of Florida, November 19, 2013.

**Yaghjyan L. Invited lecture:** Nurses' Health Study. Epi Seminar (PHC 7934, Khan), Department of Epidemiology, University of Florida, October 12, 2013.

**Yaghjyan L. Invited lecture:** Measurement error in cancer epidemiology. Measurement Error



(PHC 6711, Khan), Department of Epidemiology, University of Florida, March 21, 2014

**Yaghjian L. Invited lecture:** Measurement error in cancer epidemiology. Measurement Error (PHC 6711, Gerke), Department of Epidemiology, University of Florida, March 18, 2016

**Yaghjian L. Invited lecture:** Measurement error in cancer epidemiology. Measurement Error (PHC 6711, Hu), Department of Epidemiology, University of Florida, February 02, 2017

**Yaghjian L. Invited lecture:** Breast cancer epidemiology. Cancer Epidemiology (PHC 7007), Department of Epidemiology, University of Florida, March 20, 2017

## MENTORING

### Advisees

2013-2016	Abenaa Acheampong, PhD, Department of Epidemiology, University of Florida (academic advisor)
2013-2016	Shivani Khan, PhD, Department of Epidemiology, University of Florida (academic advisor)
2013-2014	Joy Scheidell, PhD, Department of Epidemiology, University of Florida (academic advisor)
2013-2015	Alexander Zirulnik, MPH, Department of Epidemiology, University of Florida (academic advisor)
2013-2015	Jing Jin, MPH, Department of Epidemiology, University of Florida (academic advisor)
2013-2015	Doratha Byrd, MPH, Department of Epidemiology, University of Florida (academic advisor)
2014-2016	Bryan Smallwood, PhD, Department of Epidemiology, University of Florida (research mentor)
2014	Chandni Patel, PhD, Department of Epidemiology, University of Florida (research mentor)
2014-2016	Joseph Gallant MPH, Department of Epidemiology, University of Florida (academic advisor)
2014-2016	Lyndsey Johnson MPH, Department of Epidemiology, University of Florida (academic advisor)
2015-2018	Kai Wang, PhD, Department of Epidemiology, University of Florida (academic advisor)
2015-2017	Marija Venskauskaitė MPH, Department of Epidemiology, University of Florida (academic advisor)
2016-2017	Elizabeth Beshearse MPH, Department of Epidemiology, University of Florida (academic advisor)
2016-2018	Yun Zhu, PhD, Department of Epidemiology, University of Florida (academic advisor)
2016-2017	Hui Huang, MPH, Department of Epidemiology, University of Florida (academic advisor)

2017-2018	Frensy Thijs, Summer Internship advisor
2017-2019	Nirali Patel, MPH, Department of Epidemiology, University of Florida (academic advisor)
2017-2019	Leeashaa Ramoutar, MPH, Department of Epidemiology, University of Florida (academic advisor)
2017-2019	Akemi Wijayabahu, PhD Epidemiology, Department of Epidemiology, University of Florida (research mentor)
2017-	Erta Cenko, PhD, Department of Epidemiology, University of Florida (academic advisor)
2017-2018	Sarah Barbey, MS Epidemiology, Department of Epidemiology, University of Florida (research mentor)
2018-2020	Hunter Ponder, MS Epidemiology, Department of Epidemiology, University of Florida (academic advisor)
2018-2020	Jemma Thompson, MPH, Department of Epidemiology, University of Florida (academic advisor)
2018	Ruba Sajdeya, MPH, Department of Epidemiology, University of Florida (academic advisor)
2019-2021	Jeffrey Haydu, MPH, Department of Epidemiology, University of Florida (academic advisor)
2019-	Carmen Smotherman, PhD Epidemiology, Department of Epidemiology, University of Florida (research mentor)
2020-2021	Rebecca Austin-Datta, PhD Epidemiology, Department of Epidemiology, University of Florida (research mentor)
2020-2022	Elijah Jackson, MPH, Department of Epidemiology, University of Florida (academic advisor)
2021-	Jacqueline Pollack, PhD, Department of Epidemiology, University of Florida (academic advisor)
2022-	Joel Divaker, MPH, Department of Epidemiology, University of Florida (academic advisor)
2022	Katherine Brinkley, Department of Epidemiology, University of Florida (academic advisor)
2023	Adaeze Anamege, Department of Epidemiology, University of Florida (academic advisor)

Thesis/Ph.D. Committees

PhD

-2013-2014	Hui Hu, PhD Epidemiology (member)
2014-2015	Sandie Ha, PhD Epidemiology (member)
2014-2016	Amal Asiri Wanigatunga, PhD Epidemiology (member)
2017-2019	Akemi Wijayabahu, PhD Epidemiology (Chair), change in the area of study
2018-2021	Gabriela Ghita, PhD Biostatistics (member)
2020-	Mmadili Ilozumba (Co-chair), PhD Epidemiology , expected graduation Spring 2022

L. Yaghjian, August 2023

2020-	Kevin Bitsie, PhD Epidemiology (member)
2019-	Carmen Smotherman, PhD Epidemiology (Chair), expected graduation Spring 2023
2020-	Rebecca Austin-Datta, PhD Epidemiology (Chair), expected graduation Spring 2024
2023-	Runzhi Zhang, PhD Biostatistics (member)
2022-	Livingstone Aduse-Poku, PhD Epidemiology (member)

Masters'

2014-2015	Yazan Migdady MS, CTSI, University of Florida (member)
2015-2016	Danmeng Li, MS Epidemiology (Chair)
2016-2017	Allison Kowalski, MS Epidemiology (Chair)
2016-2017	Akemi Wijayabahu, MS Epidemiology (member)
2017-2018	Sarah Barbey, MS Epidemiology (Chair)
2017-2018	Shannan Rich, MS Epidemiology (member)
2017-2018	Crystal Almond, MS Epidemiology (member)
2018-2019	Jamilah Tejan, MS Epidemiology (member)
2018	Hunter Smith, MS Epidemiology (member)
2018	Jessica Williamson, MS Epidemiology (co-chair)
2019	Jia Qi, MS Epidemiology (member)

Other mentoring

2014-2015	Cathleen Huynh (Honors Research Mentor, undergraduate)
-----------	--

**EDITORIAL SERVICES**

2020-	Cancer Causes and Control (Associate editor)
2016-	JSM Women's Health (editorial board member)
2014-	Austin Journal of Public Health and Epidemiology (editorial board member)

**Peer Reviewer**

2021-	British Journal of Nutrition
2020-	The BMJ
2020-	Cancer Management and Research
2015-	International Journal of Environmental Research and Public Health
2019-	International Journal of Cancer
2019-	JNCI Cancer Spectrum
2018-	Cancer
2018-	PlosONE
2017-	British Journal of Cancer
2017-	BMC Cancer
2017-	Environment international
2017-	Environmental pollution
2017-	Environmental Science and Pollution Research

2017-	PeerJ
2016-	Environmental Health
2016-	Environmental Research
2016-	European Journal of Cancer prevention
2016-	Journal of Ethnic & Cultural Diversity in Social Work
2016-	Public Health Nutrition
2015-	Biomedical and Environmental Sciences
2015-	International Journal of Environmental Health Research
2015-	Medical Research Archives
2015-	Patient Preference and Adherence
2014-	Breast Cancer Research and Treatment
2014-	Breast Cancer Research
2014-	Cancer Causes and Control
2014-	Cancer Epidemiology, Biomarkers, and Prevention
2014-	Austin Journal of Public Health and Epidemiology
2015-	Women's Health Issues
2013-	Yonsei Medical Journal
2011-	International Journal of Women's Health
2009-	Environmental Science and Technology

#### **Grant review**

<b>2022-</b>	NIH Molecular Cancer Diagnosis and Classification (MCDC), standing member
<b>2020- 2022</b>	NIH Cancer Biomarkers Study Section, invited reviewer
<b>2017- 2020</b>	NIH, Early career reviewer program member
<b>2017-</b>	UFHCC CPS Pilot Award reviewer
<b>2016-</b>	UF CTSI, Pilot grant program reviewer
<b>2012</b>	World Cancer Research Fund International

#### **OTHER PROFESSIONAL ACTIVITIES**

##### **Service:**

2020-	UFHCC Population Sciences Steering Committee
2020-	Cancer Epidemiology concentration coordinator, Department of Epidemiology
2019-2020	UF Department of Epidemiology, PhD Preliminary Exam Ad-Hoc Committee
2019	UF Department of Epidemiology, PhD Program Competencies Ad-Hoc Committee
2018-	UF Health Cancer Center, Population Science Group, Cancer Center catchment area working group, analysis proposal reviewer
2017-2018	UF Department of Epidemiology Executive/operations committee
2017-	UF Health Cancer Center, Population Science Group, pilot working group
2017-	UF Health Cancer Center, Population Science Group, Cancer Center catchment area working group
2016-2018	Faculty Search Committee, Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida

2015-2016	PhD Student attrition working group, Department of Epidemiology
2015	UF Cancer Center Population Sciences Infrastructure and Resources working group, leader
2015-2016	Marshall Service
2014-	Admission Committee, Chair, Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida
2014-2021	Award Committee, Chair, Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida
2014-2016	Seminar Committee, Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida
2014-	Cancer Recruitment Committee, Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida
2013-2014	Collaborative Committee, College of Public Health and Health Professions, University of Florida
2013-	Faculty Committee; Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida
2013-2018	Curriculum Committee; Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida
2013-	Admission Committee; Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida
2012-2013	Reviewer, Tissue Utilization Committee (TUC) for the Siteman Cancer Center (SCC), Washington University in St. Louis School of Medicine
2009-2013	Coordinator, Division of Public Health Sciences' Journal Club, Washington University in St. Louis School of Medicine

**Professional Memberships:**

2023-	Society for Epidemiologic Research (SER)
2022-	American Association for the Advancement of Science (AAAS)
2021-	American College of Epidemiology
2016-	American Society for Preventive Oncology
2015-	American Association for Cancer Research (AACR)
2015-	Women in Cancer Research
2014-	UF Health Cancer Center, Population Science Group, active member
2004-2009	Breast Cancer and Environment Research Centers, Cincinnati, active member
2008-2011	American Association for the Advancement of Science AAAS/Science Magazine
2004-2009	Armenian Medical Association
1993-1997	Scientific Council of the Yerevan State Medical University
1994-1998	Scientific Association of the Medical Students of Armenia

**RESEARCH FUNDING**

**Current support:**

NCI R01CA240341-04 (Yaghjian)

12/06/2019-11/30/2023

\$1,412,758

4.8 calendar months

Title: The role of breast stem cells in breast cancer etiology and risk prediction

This project examines associations of reproductive factors, early body weight, and IGF1/IGFBP-3 with expression of CD44, CD24, ALDH1A1 stem cell markers in benign breast biopsies as well as associations of these markers with subsequent breast cancer risk.

Role: PI

Florida Dept. of Health (Egan/Yaghjian)  
Bankhead-Coley Cancer Research Program

05/03/21-05/02/24

\$378,952

1.8 Calendar

Title: Biobanking for Breast Cancer Prevention and Disparity Research in Florida

The aim of this project is to create a data and biospecimen resource across Florida that could be used for studying breast health outcomes in a diverse cohort of healthy women.

Role: Co-PI

NCI R01CA277817-02 (Yaghjian/Tamimi)

07/03/2023-06/30/2028

\$3,486,450

3.0 calendar months

Title: Stromal contributions to breast carcinogenesis

The aims of this project is to examine associations of several stromal markers with mammographic breast density, reproductive factors, and subsequent risk of breast cancer.

**Past support**

UFHCC Collaborative team award (Mai/Yaghjian)

10/01/2017-04/30/2019

no salary

\$42,200

Correlations between breast microbiota and tissue methylation pattern

Role: Co-PI

UFHCC Bridge (Yaghjian)

05/01/2017 –06/30/2018

no salary

UF Health Shands Hospital

\$75,000

Urinary estrogens and gut microbiome composition in healthy postmenopausal women

Role: PI

AGRDTD (Yaghjian)

07/13/2015 – 07/12/2017

no salary

Florida Academic Cancer Center Alliance/

UF Health Shands Hospital

\$50,000

Gut microflora and estrogens: a new paradigm for breast cancer reduction?

Role: PI

UF Informatics Institute (Mao)

09/01/2016-08/31/2017

no salary

\$47,620

Developing temporally comparable high resolution rurality maps for social and health sciences

Role: Co-PI

L. Yaghjyan, August 2023

Bridge funding (Yaghjyan) Florida Consortium of NCI Centers Program / UF Health Shands Hospital Tissue-based associations of breast density with breast stem cell markers Role: PI	06/01/2015-05/31/2016 \$50,000	no salary
Cancer Prevention and Control (Colditz) Foundation for Barnes-Jewish Hospital Role: Postdoctoral Fellow	08/01/2009-06/30/2013 \$60,000	12 CM