

CURRICULUM VITAE

LUSINE YAGHJYAN, MD, MPH, PhD

US Citizenship Status: Permanent Resident

Current Appointment

Assistant Professor, Department of Epidemiology
College of Public Health and Health Professions, College of Medicine
University of Florida, Gainesville, FL

Contact Information

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EDUCATION

- 1997 **M.D. (with honors)**, Yerevan State Medical University, Armenia
- 2003 **M.P.H.**, College of Health Sciences, American University of Armenia (in affiliation with Johns Hopkins Bloomberg School of Public Health), Armenia
MPH Thesis: Meat, cooking methods and risk of colorectal cancer: a case-control study in Armenia. The study explored the association between meat consumption and methods of meat cooking on risk of colorectal cancer in Armenian population (mentor: Dr. Haroutune Armenian)
- 2009 **Ph.D.** (Epidemiology) Department of Environmental Health, University of Cincinnati College of Medicine, Ohio, USA
PhD Thesis: Determinants of Mammographic Breast Density in Different Subsets of Women. This retrospective study determines if the direction and degree of the association between risk factors for breast density and the breast density phenotype differ in the subsets of women stratified by menopausal status, hormone replacement therapy use, and a family history of breast cancer (mentor: Dr. Susan Pinney)
- 2009-2013 **Postdoctoral Research Associate**, 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; pathways from high breast density to breast cancer; molecular cancer epidemiology; epigenetics in cancer; environmental exposures (endocrine disruptors) and gene-environment interactions in etiology of breast cancer

EMPLOYMENT

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

PUBLICATIONS

1. **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
2. **Yaghjyan L,** Colditz G. Estrogens in the breast tissue: a systematic review. *Cancer Causes Control* 2011; 22:529-40.

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3. **Yaghjyan L**, Pinney SM, Mahoney MC, Morton AR, and Buckholz J. Mammographic Breast Density Assessment: A Methods Study. *Atlas Journal of Medical & Biological Sciences* 2011; 1 (1): 13–19.
4. **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
5. **Yaghjyan L**, Colditz GA, Drake B. Vitamin D and mammographic breast density: a systematic review. *Cancer Causes Control* 2012; 23 (1):1-13.
6. **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.
7. **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.
8. **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.
9. **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.
10. Pinney S, Biro F, Windham G, Herrick R, **Yaghjyan L**, et al. 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..
11. Bekteshi V, **Yaghjyan L**, Drake B. Health behaviors among prostate cancer survivors: National Health Interview Survey 2005 (under review).
12. **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
13. **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.
14. **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.
15. **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. Epub 2015/02/14

16. **Yaghjyan L**, Pettersson A, Colditz GA, Collins LC, 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 statuses of selected tissue markers: a case-control study. *Br J Cancer*. 2015. Epub 2015/09/04
17. **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
18. Mai V, Prosperi M, and **Yaghjyan L**. 2016. Moving microbiota research towards establishing causal associations that represent viable targets for effective public health interventions. *Annals of Epidemiology*.1-5.
19. **Yaghjyan L**, Ghita G, Dumont-Driscoll M, Yost R, Chang S-H. Association of maternal exposure to phthalates with gestational age, preterm delivery, and birthweight: a systematic review. *Reproduc Toxicol* 2016;65:76-86.
20. **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
21. **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: BCR* 2016; 18(1):1-8.
22. **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.
23. Li D., Mai V, Gerke T, Pinney S, **Yaghjyan L**. Interactions of family history of breast cancer with radiotherapy in relation to the risk of breast cancer recurrence (under review).
24. **Yaghjyan L**, Tamimi R, Bertrand K, Scott C, Jensen M, Pankratz S., et al., 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; 1-11, 2017
25. Ghita L., Gasparova A., Dumont-Driscoll M., **Yaghjyan L**. Associations of birthweight with age at menarche in NHANES 1999-2008. (under review)
26. **Yaghjyan L.**, Stoll E., Ghosh K., Scott C., et al. Tissue-based associations of breast density with breast stem cell markers (in revision).

ABSTRACTS

1. 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 of the 2nd International Young Medics Conference, Yerevan, Armenia, 2003: 97-98.*

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2. **Yaghjyan L.** Meat, Cooking Methods and Colorectal Cancer: A Case-Control Study in Armenia. *In: Proceedings of the 2nd International Young Medics Conference 2003*: 106.
3. **Yaghjyan L**, Pinney SM, Brown KM, Ice AW. Effectiveness and efficiency of recruitment strategies for a breast cancer registry. *In Proceedings: American Association for Cancer Research Meeting Abstracts 2006*: 1261-a.
4. **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*.
5. 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.
6. Pinney SM, Biro FM, **Yaghjyan L**, Calafat AM, et al. Pilot Study of Serum Biomarkers of Polyfluoroalkyl Compounds in Young Girls. *Epidemiology 2008*; 19 (6): S311.
7. Pinney SM, Windham GC, Biro FM, Kushi LH, **Yaghjyan L**, et al. Perfluorooctanoic Acid (PFOA) and Pubertal Maturation in Young Girls. *Epidemiology 2009*; 20 (6): S80.
8. Pinney SM, Biro FM, **Yaghjyan L**, et al. Pilot study of serum biomarkers of polyfluoroalkyl compounds in young girls. *Reprod. Toxicol. 2009*; 27: 422-423
9. Pinney S., Herrick R., **Yaghjyan L**, et al. Breast cancer incidence is related to uranium particulate exposure in a population living near uranium refinery. *In: Proceedings of the 23rd International ISEE conference, September 13th-16th, 2011, Barcelona, Spain*
10. 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, September 13th-16th, 2011, Barcelona, Spain*
11. **Yaghjyan L.**, Pettersson A, Colditz G, Collins L, et al. 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 of the 12th Annual AACR Conference on Frontiers in Cancer Prevention Research 2013*.
12. **Yaghjyan L.**, Pettersson A, Colditz G, Collins L, et al. 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
13. **Yaghjyan L.**, Colditz G. Rosenr 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 of the 13th Annual AACR Conference on Frontiers in Cancer Prevention Research 2014*.
14. **Yaghjyan L.**, Colditz G. Rosenr 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:A51

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15. 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 of the 13th Annual AACR Conference on Frontiers in Cancer Prevention Research 2014.*
16. 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
17. Sites S., Chang S-H, Ruan Y, **Yaghjyan L (mentored)**. 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.*
18. Collins L., Beck A., **Yaghjyan L.**, et al. 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
19. **Yaghjyan L.**, Colditz G., Rosner B., Patel C., Tamimi R. Breastfeeding, Parity, and Mammographic Breast Density. *In: Proceedings ASPO annual meeting 2015*
20. **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.
21. **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.
22. **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. AACR Improving Cancer Risk Prediction for Prevention and Early Detection. Orlando, FL. November 16-19, 2016

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), 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/>

Publications in progress:

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1. **Yaghjian L**, Colditz GA, Rosner B, Tamimi RM. Mammographic breast density and breast cancer-specific survival among postmenopausal women in the Nurses' Health Study.
2. **Yaghjian et al.** Adolescent caffeine intake and mammographic breast density in premenopausal women.
3. **Yaghjian et al.** Coffee intake, postmenopausal hormone use and breast cancer risk in UKBiobank

CONFERENCES/PRESENTATIONS

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

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

Yaghjian 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 AACR Annual Meeting 2017, April 1-5, Washington, D.C (accepted)

Wanigatunga A, Gill T, Marsh A., Hsu FC, **Yaghjian L**, Woods A, et al. Investigating the intervening effect of hospitalizations on daily activity measured by accelerometry". Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM) (submitted).

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. 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., and 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, and 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.

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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 (mentored)**. *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.

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

Li D., Mai V, Gerke T, **Yaghjian L (mentored)**. 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, February 22, 2016, Gainesville, FL

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

Yaghjian L., Pettersson A, Colditz G, Collins L, Schnitt S, Beck A, Rosner B, Vachon C, Tamimi R. Postmenopausal Mammographic Breast Density and Subsequent Breast Cancer Risk According to Selected Tissue Markers. MiCaRT Lake Nona Open House and Breast Cancer Research Symposium, October 22, 2015, Orlando, FL

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

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

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

Yaghjian L., Colditz G., Rosner B., Patel C., Tamimi R. Breastfeeding, Parity, and Mammographic Breast Density. ASPO annual meeting 2015, March 13-17, Birmingham, AL. Poster presentation.

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. Recorded presentation.

Yaghjian L., Colditz G. Rosenr B, Tamimi R. Mammographic breast density and breast cancer risk: interactions of percent density, absolute dense and non-dense areas with breast cancer

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risk factors. 13th Annual AACR Conference on Frontiers in Cancer Prevention Research 2014, September 28-October 1, New Orleans, LA. Poster presentation.

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

Sites S., Chang S-H, Ruan Y, **Yaghjian L (mentored)**. 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, October 28, 2014, Gainesville, FL. Poster presentation.

Sites S., Chang S-H, Ruan Y, **Yaghjian L (mentored)**. 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, September 19-23, Atlanta, GA. Poster presentation

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

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

Yaghjian L., Pettersson A, Colditz G, Collins L, et al. (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*. 12th Annual AACR Conference on Frontiers in Cancer Prevention Research 2013, October 27-30, 2013, National Harbor, MD.

Yaghjian L, Colditz GA, Rosner B, Tamimi RM. *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, February 20, 2012, Washington University in St. Louis, St. Louis, MO. Poster presentation.

Pinney SM (speaker), Windham GC, Biro FM, Kushi LH, Herrick RL, **Yaghjian L**, et al. *Age at puberty in relation to prepubertal measures of PFOA-new findings*. The 23rd International ISEE conference, September 13th-16th, 2011, Barcelona, Spain. Oral Presentation.

Pinney S., Herrick R., **Yaghjian L**, et al. Breast cancer incidence is related to uranium particulate exposure in a population living near uranium refinery. The 23rd International ISEE conference, September 13th-16th, 2011, Barcelona, Spain. Poster Presentation.

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

Yaghjian 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*

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cancer. 7th Annual Postdoc Scientific Symposium, March 29, 2011, Washington University in St. Louis, St. Louis, MO. Poster presentation.

Yaghjian 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.* Breast Cancer Research Program Retreat, February 28, 2011, Washington University in St. Louis, St. Louis, MO. Poster presentation.

Pinney SM, Biro FM, Herrick R, **Yaghjian L**, et al. *Exposure to perfluorooctanoic acid (PFOA) and plasma lipid concentrations in young girls.* U.S. EPA's PFAA Days III Symposium, June 8 - 10, 2010, Research Triangle Park, NC. Poster presentation.

Pinney SM (speaker), Windham GC, Biro FM, Kushi LH, **Yaghjian L.**, et al. *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, November 19 - 20, 2009, Cavallo Point, Sausalito, CA. Oral presentation.

Pinney SM (speaker), Windham GC, Biro FM, Kushi LH, **Yaghjian L.**, et al. *Perfluorooctanoic acid (PFOA) and Pubertal Maturation in Young Girls.* The 21st International ISEE Conference, August 26-29, 2009, Dublin, Ireland. Oral presentation.

Pinney SM. (speaker), Biro FM., **Yaghjian L**, Calafat A, et al. *Perfluorooctanoic acid (PFOA) and Pubertal Maturation in Young Girls.* Emerging Topics in Breast Cancer and the Environment Research Fifth Annual Early Environmental Exposures Meeting, November 13-14, 2008, Birmingham, AL. Oral presentation.

Pinney SM., **Yaghjian L**, Biro FM., Bornschein R. *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 (**Best Poster Award, First Prize**). Poster presentation.

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, October 12-16, 2008, Pasadena, CA. Oral presentation.

Yaghjian L, Pinney SM, Mahoney MC, Morton AR, et al. *Methods Study of Assessing Mammographic Breast Density.* 28th Annual Graduate Student Research Forum, College of Medicine, University of Cincinnati, November 15, 2007, Cincinnati, OH. Poster presentation.

Pinney SM, Killough GG., Nasuta J, **Yaghjian L**, et al. *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, November 8 - 9, 2007, Cincinnati, OH. Poster presentation.

Pinney SM, Biro FM, **Yaghjian L**, Calafat AM, et al. *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, November 8 - 9, 2007, Cincinnati, OH. Poster presentation.

Yaghjian L, Pinney SM, Mahoney MC, Morton AR, et al. *Methods Study of Assessing Mammographic Breast Density.* Emerging Topics in Breast Cancer and the Environment

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Research Fourth Annual Early Environmental Exposures Meeting, November 8 - 9, 2007, Cincinnati, OH. Poster presentation.

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

Pinney SM, Biro FM, **Yaghjian L**, Calafat AM, et al. *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, August 27-29, 2007 (NIEHS), Durham, North Carolina. Poster presentation.

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

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

Pinney SM, **Yaghjian L**, et al. *Choice to Join a Breast Cancer Registry: Racial Differences*. Emerging Topics in Breast Cancer and the Environment Research, 2nd annual BCERC Symposium. November 9-11, 2005, Lansing, MI. Poster presentation.

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

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

MEDIA INTERVIEWS/RELEASES

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

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

L. Yaghjian, June 2017

Air pollution and breast density. Interview with Kathleen Doherty 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. *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.

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

Yaghjian 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.

Yaghjian L. *Cancer Epidemiology and Screening Strategies.* Applied Epidemiology Course, University of Florida, November 19, 2013.

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

Yaghjian L. *Nurses' Health Study.* Epi Seminar Course, Department of Epidemiology, University of Florida, October 12, 2013.

Yaghjian L. Measurement error in cancer epidemiology. Measurement Error (Khan), March 21, 2014, University of Florida, Gainesville, FL.

Yaghjian 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

Yaghjian L. Measurement error in cancer epidemiology. Measurement Error (Gerke), March 18, 2016, University of Florida, Gainesville, FL.

Yaghjian L. Measurement error in cancer epidemiology. Measurement Error (Hu), February 02, 2017, University of Florida, Gainesville, FL.

FELLOWSHIPS

L. Yaghjian, June 2017

2007 University of Cincinnati Research Council Graduate Student Summer Research Fellowship

HONORS AND AWARDS

2015 Nominee from UF COM for NIH Outstanding New Environmental Scientist (ONES) Award (R01)

2008-2011 **AAAS membership award** through AAAS/Science Program for Excellence in Science

2008 **Best Poster Award, First Prize (co-author)**. 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 **University Graduate Assistantship**, University of Cincinnati

2004-2009 **Environmental Health Scholarship**, University of Cincinnati

2002-2003 **Merit Scholarship**, American University of Armenia

1991-1997 **Governmental Scholarship**, Yerevan State Medical University

1997 **Diploma with Honor (MD)**, Yerevan State Medical University

TEACHING EXPERIENCE

2005 (Summer) **Visiting Lecturer:** Research Seminar Series (MPH program), American University of Armenia, College of Health Sciences, Yerevan, Armenia

2007 (Spring) **Trainer:** Training for the Study Helpers with the Growing Up Female study, Cincinnati, OH

2007 (Spring, Fall) **Teaching Assistant:** Cancer Epidemiology, Department of Environmental Health, University of Cincinnati College of Medicine, Cincinnati, OH

2011 (Fall) **Teaching Assistant:** Introduction to Epidemiology (MPHS Program), Division of Public Health Sciences, Washington University in St. Louis School of Medicine

2014 (Spring) **Instructor:** Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida

2014 (Fall) **Instructor:** Molecular Epidemiology (PHC 6937), Department of Epidemiology, University of Florida

2015 (Spring) **Instructor:** Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida

2015 (Fall) **Instructor:** Molecular Epidemiology (PHC 7595), Department of Epidemiology, University of Florida

2016 (Spring) **Instructor:** Epidemiology Methods I (PHC 6000), Department of Epidemiology, University of Florida

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2016 (Fall) **Instructor:** Molecular Epidemiology (PHC 7595), Department of Epidemiology, University of Florida

Other teaching activities:

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

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

Yaghjian 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

MENTORING

Advisees

2013-2016	Abenaa Acheampong, PhD, Department of Epidemiology, University of Florida (academic advisor)
2013-	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-	Kai Wang, PhD, Department of Epidemiology, University of Florida (academic advisor)
2015-	Marija Venskauskaitė MPH, Department of Epidemiology, University of Florida

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- (academic advisor)
- 2016- Elizabeth Beshearse MPH, Department of Epidemiology, University of Florida
(academic advisor)
- 2016- Yun Zhu, PhD, Department of Epidemiology, University of Florida
(academic advisor)
- 2016- Hui Huang MPH, Department of Epidemiology, University of Florida
(academic advisor)

Thesis/Ph.D. Committees

- 2013-2014 Hui Hu, PhD, Department of Epidemiology, University of Florida
- 2014-2015 Sandie Ha, Department of Epidemiology, University of Florida
- 2014-2016 Amal Asiri Wanigatunga, Department of Epidemiology, University of Florida
- 2014-2015 Yazan Migdady MS, CTSI, University of Florida (member)
- 2015-2016 Danmeng Li, MS Epidemiology (Chair)
- 2016- Allison Kowalski, MS Epidemiology (Chair)
- 2016- Akemi Wijayabahu, MS Epidemiology (member)

Other mentoring

- 2014-2015 Cathleen Huynh (Honors Research Mentor)

EDITORIAL SERVICES (Peer Reviewer)

- 2009- Environmental Science and Technology
- 2011- International Journal of Women's Health
- 2012 World Cancer Research Fund International
- 2013- Yonsei Medical Journal
- 2014- Cancer Causes and Control
- 2014- Austin Journal of Public Health and Epidemiology (editorial board)
- 2014- Breast Cancer Research
- 2014- Cancer Epidemiology, Biomarkers, and Prevention
- 2015- Patient Preference and Adherence
- 2015- Medical Research Archives
- 2015- International Journal of Environmental Research and Public Health
- 2015- Women's Health Issues
- 2015- Biomedical and Environmental Sciences
- 2016- Journal of Ethnic & Cultural Diversity in Social Work
- 2016- Environmental Health
- 2016- Public Health Nutrition
- 2016- Environmental Research
- 2017- Environmental Science and Pollution Research

Grant review

2016- UF CTSI, Pilot grant program reviewer
2017- NIH, Early career reviewer program

OTHER PROFESSIONAL ACTIVITIES

Service:

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- Faculty Search Committee, Department of Epidemiology, College of Public Health and Health Professions, College of Medicine, University of Florida
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- 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- 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
2009-2013 Coordinator, Division of Public Health Sciences' Journal Club, Washington University in St. Louis School of Medicine
2012-2013 Reviewer, Tissue Utilization Committee (TUC) for the Siteman Cancer Center (SCC), Washington University in St. Louis School of Medicine

Professional Memberships:

2016- American Society for Preventive Oncology
2014- UF Shands Cancer Center, active member
2015- American Association for Cancer Research (AACR)

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2015- Women in Cancer Research
2004-2009 Breast Cancer and Environment Research Centers, Cincinnati
2008-2011 American Association for the Advancement of Science AAAS/Science Magazine
2004- 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

Title: Gut microflora and estrogens: a new paradigm for breast cancer risk reduction
Agency: Florida Academic Cancer Center Alliance (\$50,000)
Role: PI

Past support

Title: Tissue-based associations of breast density with stem cell markers
Agency: UF Cancer Center Bridge Funding (\$50,000)
Role: PI

Title: Cancer Prevention and Control (Colditz) 08/01/2009-06/30/2013
Agency: Foundation for Barnes-Jewish Hospital, St Louis MO
Role: Postdoctoral Fellow

Title: Mammographic Breast Density Assessment: A Methods Study
Agency: University of Cincinnati Research Council (Graduate Student Summer Research Fellowship)
Role: PI