

**BIOGRAPHICAL SKETCH**

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NAME: Janie Lee

eRA COMMONS USER NAME: JANIEL

POSITION TITLE: Professor of Radiology

**EDUCATION/TRAINING**

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date	FIELD OF STUDY
Harvard University, Cambridge, MA	BA	1993	Biology
University of Pennsylvania School of Medicine, Philadelphia, PA	MD	1998	Medicine
Harvard School of Public Health, Cambridge, MA	MSc	2005	Health Policy and Management
Pennsylvania Hospital, Philadelphia, PA	Internship	1999	Internal Medicine
Hospital of the University of Pennsylvania, Philadelphia, PA	Residency	2003	Diagnostic Radiology
Massachusetts General Hospital, Boston, MA	Fellowship	2005	Breast Imaging
Massachusetts General Hospital, Boston, MA	Postdoctoral Fellowship	2005	Program in Cancer Outcomes Research Training

**A. Personal Statement**

My professional goals are to advance women's health through a combination of research, teaching, and clinical efforts. As a breast imaging radiologist, I have expertise in the use of breast imaging (mammography, digital breast tomosynthesis, ultrasound, and magnetic resonance imaging (MRI) for the early detection of breast cancer. As a health services researcher, I have expertise in technology assessment, decision analysis, and economic evaluation, with experience in evaluating the performance and outcomes of diagnostic breast imaging, as well as the comparative effectiveness and cost-effectiveness of breast cancer screening.

A complete List of Published Work in MyBibliography:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/janie.lee.1/bibliography/40660649/public/?sort=date&direction=ascending>

**B. Positions, Scientific Appointments, and Honors****Positions and Scientific Appointments**

2020-2021 Member, President's Cancer Panel Working Group (Breast Cancer). "Improving Resilience and Equity in Cancer Screening, Lessons from COVID-19 and Beyond"

2019-present Professor of Radiology, University of Washington School of Medicine

2015-present Director of Breast Imaging, Seattle Cancer Care Alliance

2015-present Section Chief, University of Washington Department of Radiology

2013-2019 Associate Professor of Radiology, University of Washington School of Medicine

2013-2015 Clinical Director of Breast Imaging, Seattle Cancer Care Alliance

2010-2013 Assistant Professor of Radiology, Harvard Medical School

2005-2010 Instructor of Radiology, Harvard Medical School

2003-2005 Clinical Fellow, Harvard Medical School

**Honors**

2011 Fellow, Society of Breast Imaging

2001 "Leaders on the Horizon" Resident Scholarship, Radiological Society of North America

1997 Alpha Omega Alpha, University of Pennsylvania School of Medicine

## C. Contributions to Science

### 1. Breast imaging diagnostic performance and outcomes

- a. Lehman CD, Arao RF, Sprague BL **Lee JM**, Buist DS, Kerlikowske K, Henderson LM, Onega T, Tosteson ANA, Rauscher G, Miglioretti DL. National Performance Benchmarks for Modern Screening Digital Mammography: Update from the Breast Cancer Surveillance Consortium. *Radiology*, 2017; 283: 49-58. E-pub ahead of print 12/5/16. PMID: 27918707
- b. **Lee JM**, Ichikawa L, Valencia E, Miglioretti DL, Wernli K, Buist DSM, Kerlikowske K, Henderson LM, Sprague BL, Onega T, Rauscher GH, Lehman CD. Performance Benchmarks for Screening Breast MRI in Community Practice. *Radiology*, 2017, 285:44-52, e-pub ahead of print 6/5/17. PMID: 28582633
- c. **Lee JM**, Arao RF, Sprague BL, Kerlikowske K, Lehman CD, Smith RA, Henderson LM, Rauscher GH, Miglioretti DM. Performance of Screening Ultrasound as an Adjunct to Screening Mammography in Women Across the Spectrum of Breast Cancer Risk. *JAMA Internal Medicine*, 2019; doi:10.1001/jamainternmed.2018.8372, e-pub ahead of print 3/18/19. PMID:30882843
- d. Lowry KP, Coley RY, Miglioretti DL, Kerlikowske K, Henderson LM, Onega T, Sprague BL, **Lee JM**, Herschorn S, Tosteson ANA, Rauscher G, Lee CI. Differences in Screening Performance with Digital Breast Tomosynthesis Compared to Digital Mammography by Breast Density, Age, and Screening Round in Community Practice. *JAMA Network Open*, 2020 3:e2011792. doi: 10.1001/jamanetworkopen.2020.11792. e-pub ahead of print 7/28/20. PMID: 32721031

### 2. Improving imaging surveillance in breast cancer survivors

- a. **Lee JM**, Buist DS, Houssami N, Dowling EC, Halpern EF, Gazelle GS, Lehman CD, Henderson LM, Hubbard RA. "Five-year risk of interval-invasive second breast cancer." *J Natl Cancer Inst*. 2015 Jul;107(7). PMC4651041
- b. **Lee JM**, Abraham L, Lam DL, Buist DSM, Kerlikowske K, Miglioretti DL, Houssami H, Lehman CD, Henderson LM, Hubbard RA. Cumulative Risk Distribution for Interval Invasive Second Breast Cancers after Negative Surveillance Mammography. *Journal of Clinical Oncology* 2018, JCO2017768267. doi: 10.1200/JCO.2017.76.8267.e-pub ahead of print 5/2/18. PMID: 29718790
- c. Buist DSM, Ichikawa L, Wernli KJ, Lee CI, Henderson LM, Kerlikowske K, Bowles EJA, Miglioretti DL, Specht J, Rauscher G, Sprague B, Onega T, **Lee JM**. Facility Variability in Examination Indication Among Women with Prior Breast Cancer: Implications and the Need for Standardization. *JACR*, pii: S1546-1440(19)31483-8. doi: 10.1016/j.jacr.2019.12.020. e-pub ahead of print 1/28/20. PMID: 32004483
- d. **Lee JM**, Ichikawa LE, Wernli KJ, Bowles E, Specht JM, Kerlikowske K, Miglioretti DL, Lowry KP, Tosteson ANA, Stout NK, Onega T, Buist DSM. Digital Mammography Performance and Outcomes in Women with a Personal History of Breast Cancer, 2007-2016. *Radiology*, 2021; 300 (2): 290-300. doi: 10.1148/radiol.2021204581. e-pub ahead of print 5/18/21. PMID: 34003059

### 3. Claims-based analyses of breast cancer screening and surveillance utilization and outcomes

- a. Miles RC, Lee CI, Sun Q, Bansal A, Fedorenko CR, Greenwood-Hickman M, Specht JM, Ramsey SR, Lyman GH, **Lee JM**. Patterns of Surveillance Advanced Imaging and Serum Tumor Biomarker Use Following the Launch of the Choosing Wisely Initiative. *Journal of the National Comprehensive Cancer Network*, 2019; 7: 813-820. PMID:31319393.
- b. Wernli KJ, Callaway KA, Henderson LM, Kerlikowske K, **Lee JM**, Ross-Degnan D, Wallace JK, Wharam JF, Zhang F, Stout NK. Trends in Screening Breast MRI Use among US Women, 2006-2016. *Cancer*, 2020; doi: 10.1002/cncr.33140. e-pub ahead of print 9/28/20. PMID: 32985694
- c. Lawson M, Lee CI, Hippe DS, Chennupati S, Fedorenko C, Malone K, Ramsey SD, **Lee JM**. Receipt of Screening Mammography and Outcomes in Women with Commercial or Federal Insurance Coverage. *Journal of the National Comprehensive Cancer Network*, e-pub ahead of print 7/30/21. doi: 10.6004/jnccn.2020.7801. PMID: 34330103.
- d. Callaway KA, Zhang F, Wernli KJ, Henderson LM, Kerlikowske K, **Lee JM**, Ross-Degnan D, Wallace JK, Wharam JF, Stout NK. Impact of Breast Density Legislation on Ultrasound Use, 2002-2016 (Abstract). Oral presentation at the 9<sup>th</sup> International Breast Density Workshop (2019), Honolulu, HI.