

Stanford



Jennifer Lee

Associate Professor of Medicine (Endocrinology) and, by courtesy, of Epidemiology and Population Health

Medicine - Endocrinology, Gerontology, & Metabolism

Bio

BIO

Associate Chief of Staff for Research and Development, VA Palo Alto Health Care System

Chief Medical Officer, Palo Alto Cooperative Studies Program Coordinating Center, Veterans Health Administration (VHA)

Site Co-Director, BD-STEP (VA & NCI Big Data Scientist Training & Enhancement Program), VA Palo Alto Health Care System

Former co-Chair, VISN21 Pharmacy Benefits Management Endocrine Task Force, VHA

INTERESTS:

<https://med.stanford.edu/jleelab.html>

Population health, individual precision health, healthcare system management and quality in clinical practice

Molecular/genetic epidemiology, health services, big data health applications, patient centered decision making

Novel scalable clinical/translational study designs and methods to enhance efficiency and effectiveness

Use of electronic health records (EHR) and other data sources

Endocrinology and Metabolism (cardiometabolic diseases and glycemic dysregulation, bone and body composition, cancers, thyroid)

Aging and hormonal/metabolic transitions and dynamics

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Medicine - Endocrinology, Gerontology, & Metabolism
- Associate Professor - University Medical Line (By courtesy), Epidemiology and Population Health
- Member, Cardiovascular Institute
- Member, Stanford Cancer Institute
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Associate Chief of Staff for Research & Development, VA Palo Alto Health Care System, (2018- present)
- Chief Medical Officer, Palo Alto Cooperative Studies Program Coordinating Center, Veterans Affairs, (2016- present)
- Deputy Associate Chief of Staff for Research & Development, Veterans Affairs Palo Alto Health Care System, (2017-2018)

HONORS AND AWARDS

- Merck Seniors Fellow Award, The Endocrine Society (2006)

- Young Investigator Award, American Society of Bone Mineral Research (2008)
- HHMI-NIH Research Scholar, Howard Hughes Medical Institute - NIH (1997-1998)
- Roadmap K12 Faculty Scholar, NIH (2007-2010)
- New investigator Award, RippeI Foundation/AFAR (2007-2009)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Executive Committee Member, CSP2002: VA-IMPACT (2016 - present)
- Member, Admissions Committee for Stanford's PhD Program (Dept of Pop'n Health and Epidemiology) (2014 - present)
- Member, VA Palo Alto R&D Committee (2015 - 2017)
- Co-Site Lead, VA Palo Alto Women's Health Practice-Based Research Network (PBRN) (2014 - 2018)
- Board Member, PAVIR (2018 - present)
- Chair, VA VISN21 Endocrine Task Force (2014 - 2018)
- Member, VA/NCI BD-STEP Executive Committee (2015 - present)
- Member, VA Palo Alto Center for Clinical Research Advisory Committee (2015 - present)
- Member, CHS Aging Working Group (2016 - present)
- Member, The Endocrine Society (2002 - present)
- Member, Society for Epidemiologic Research (2008 - present)

PROFESSIONAL EDUCATION

- M.A. & B.A. (joint), Harvard University , Biological Sciences (1994)
- MD, Harvard Medical School , Medicine (1999)
- Ph.D., Stanford Univ. School of Medicine , Epidemiology
- Fellowship, University of California, San Francisco at Mt. Zion (UCSF) , Women's Health (2004)

LINKS

- Lee LEAP initiative site: <https://med.stanford.edu/jleelab.html>
- BD-STEP - Big Data Scientist Training Enhancement Program: https://www.va.gov/oa/specialfellows/programs/sf_bdstep.asp
- Endocrinology, Gerontology, and Metabolism (Stanford): <https://endocrinology.stanford.edu/about.html>
- Epidemiology & Population Health (Stanford): <https://med.stanford.edu/epidemiology-dept/People/faculty.html>
- Stanford HIE Sandbox and Population Health: <https://med.stanford.edu/phs/initiatives.html>
- Palo Alto Cooperative Studies Program Coordinating Center: <https://www.research.va.gov/programs/csp/paloalto.cfm>
- Bio-X (Stanford): <http://biox.stanford.edu/>
- Stanford Cardiovascular Institute: <http://cvi.stanford.edu>
- Stanford Neuroscience Institute: <https://neuroscience.stanford.edu/>
- Stanford Cancer Institute: <http://cancer.stanford.edu>
- Medicine (Stanford): <http://medicine.stanford.edu/>
- VA Palo Alto Health Care System: <http://www.paloalto.va.gov/>

Research & Scholarship

RESEARCH INTERESTS

- Assessment, Testing and Measurement

- Collaborative Learning
- Curriculum and Instruction
- Data Sciences
- Diversity and Identity
- Equity in Education
- Gender Issues
- Leadership and Organization
- Parents and Family Issues
- Professional Development
- Race and Ethnicity
- Research Methods
- Science Education
- Technology and Education

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am a clinical scientist (PhD epidemiology), endocrinologist, and CMO at VAPA Cooperative Studies Program Coordinating Center. My group is interested in pattern and prediction mapping along the life-course of interventions/outcomes and how healthcare system can positively impact health longitudinally. We use novel molecular epi, 'big' data like EHRs with advanced new designs/methods/technologies. We use both research based longitudinal cohorts, such as WHI, SWAN, CHS, SHS, plus clinical based electronic health records (EHR) 'big data'. We are interested in novel effective patient-clinician shared decision making and enhancing clinical data collection and analytics to drive value in evidence based health care practices.

My group strives for a bidirectional learning healthcare system with close partnerships among research activities, quality and process improvement, and clinical operations of health care system.

My group includes clinicians, biostatisticians, epidemiologists, biochemists, engineers, informaticians, data managers, and health services researchers. We lead efforts in:

1. Leveraging electronic health information to advance precision medicine (LEAP) using the longest running large VA EHR System and symbiotic conduct of clinical trials and observational cohorts using EHR (CSP#2012).

<https://med.stanford.edu/jleelab.html>

2. Stanford's Health Information Exchange efforts (Diabetes Sandbox in Solano County) with Stanford's Center for Population Health Sciences.

3. National VA's Million Veteran Program (MVP) -- large genetic epidemiology study of a million Veterans, with genetic/genomic data and EHR data.

4. U.S.'s All of Us initiative (formerly, Precision Medicine Initiative)

5. Training future 'big data' scientists in health care, emphasizing the need for clinical and clinician insights, epidemiology, biostatistics, health services, along with informatics, and molecular sciences. See VA-NCI BD-STEP.

As CMO at the VA's Cooperative Studies Program Coordinating Center at Palo Alto, I provide clinical and clinical research leadership for the Center, which sponsors and coordinates large multi-site clinical research studies. We innovate on novel and more efficient research designs, methods, and conduct to optimize positive impact on the healthcare system.

These interests cut across multiple complex chronic diseases, aging, & critical lifespan stages, for better insights to etiology & enhanced health care and patient decision making. Chronic conditions include cardiometabolic diseases, fractures, hormone-related cancers, cognitive decline.

I have worked in academe and Kaiser Permanente (East Bay; TPMG and Division of Research in Oakland).

Huge Thanks to participants of research studies, trainees, research collaborators, supporters/funders of research and operations, grants administrators, and institutional support locally & nationally (e.g., NIH, VA, Foundations).

See PhD program in Epidemiology and Clinical Research (Dept of Epidemiology and Population Health); Center for Population Health Sciences; Palo Alto VA Health Care System; VA Cooperative Studies Program Coordinating Center

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Endocrinology (Fellowship Program)
- Epidemiology (Masters Program)
- Epidemiology (Phd Program)
- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Large-scale genome-wide association study of coronary artery disease in genetically diverse populations.** *Nature medicine*
Tcheandjieu, C., Zhu, X., Hilliard, A. T., Clarke, S. L., Napolioni, V., Ma, S., Lee, K. M., Fang, H., Chen, F., Lu, Y., Tsao, N. L., Raghavan, S., Koyama, et al
2022
- **A Population-Level Analysis of the Protective Effects of Androgen Deprivation Therapy Against COVID-19 Disease Incidence and Severity.** *Frontiers in medicine*
Lee, K. M., Heberer, K., Gao, A., Becker, D. J., Loeb, S., Makarov, D. V., Gulanski, B., DuVall, S. L., Aslan, M., Lee, J., Shih, M., Lynch, J. A., Hauger, et al
2022; 9: 774773
- **Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis.** *Nature genetics*
Vujkovic, M. n., Keaton, J. M., Lynch, J. A., Miller, D. R., Zhou, J. n., Tcheandjieu, C. n., Huffman, J. E., Assimes, T. L., Lorenz, K. n., Zhu, X. n., Hilliard, A. T., Judy, R. L., Huang, et al
2020
- **Genome-wide association study of peripheral artery disease in the Million Veteran Program.** *Nature medicine*
Klarin, D., Lynch, J., Aragam, K., Chaffin, M., Assimes, T. L., Huang, J., Lee, K. M., Shao, Q., Huffman, J. E., Natarajan, P., Arya, S., Small, A., Sun, et al
2019
- **Patterns of Cardiometabolic Health as Midlife Women Transition to Menopause: A Prospective Multiethnic Study** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Ward, E., Gold, E. B., Johnson, W. O., Ding, F., Chang, P., Song, P., El Khoudary, S. R., Karvonen-Gutierrez, C., Ylitalo, K. R., Lee, J. S.
2019; 104 (5): 1404–12

- **Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program.** *Nature genetics*
Klarin, D., Damrauer, S. M., Cho, K., Sun, Y. V., Teslovich, T. M., Honerlaw, J., Gagnon, D. R., DuVall, S. L., Li, J., Peloso, G. M., Chaffin, M., Small, A. M., Huang, et al
2018
- **Triglyceride and HDL-C Dyslipidemia and Risks of Coronary Heart Disease and Ischemic Stroke by Glycemic Dysregulation Status: The Strong Heart Study.** *Diabetes care*
Lee, J. S., Chang, P., Zhang, Y., Kizer, J. R., Best, L. G., Howard, B. V.
2017
- **Subclinical thyroid dysfunction and risk of hip fracture in older adults** *ARCHIVES OF INTERNAL MEDICINE*
Lee, J. S., Buzkova, P., Fink, H., Carbone, L., Vu, J., et al
2010; 170
- **A multiancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation.** *Nature genetics*
Vujkovic, M., Ramdas, S., Lorenz, K. M., Guo, X., Darlay, R., Cordell, H. J., He, J., Gindin, Y., Chung, C., Myers, R. P., Schneider, C. V., Park, J., Lee, et al
2022
- **A GENOME-WIDE ASSOCIATION STUDY OF CHRONIC ALT-BASED NAFLD IN THE MILLION VETERAN PROGRAM WITH HISTOLOGICAL AND RADIOLOGICAL VALIDATION**
Vujkovic, M., Ramdas, S., Lorenz, K. M., Guo, X., Darlay, R., Cordell, H. J., He, J., Gindin, Y., Chung, C., Myers, R. P., Schneider, C., Park, J., Lee, et al
WILEY.2021: 6A-7A
- **A statistical quality assessment method for longitudinal observations in electronic health record data with an application to the VA million veteran program.** *BMC medical informatics and decision making*
Wang, H., Belitskaya-Levy, I., Wu, F., Lee, J. S., Shih, M. C., Tsao, P. S., Lu, Y.
2021; 21 (1): 289
- **Validating a non-invasive, ALT-based non-alcoholic fatty liver phenotype in the million veteran program.** *PloS one*
Serper, M. n., Vujkovic, M. n., Kaplan, D. E., Carr, R. M., Lee, K. M., Shao, Q. n., Miller, D. R., Reaven, P. D., Phillips, L. S., O'Donnell, C. J., Meigs, J. B., Wilson, P. W., Vickers-Smith, et al
2020; 15 (8): e0237430
- **IMPLEMENTATION OF A DISTRIBUTED RESEARCH NETWORK VIRTUAL DATA WAREHOUSE FOR A MULTI-CENTER OBSERVATIONAL STUDY**
Mudumbai, S., Wu, F., Chambers, J., Kapoor, A., Lee, J. S., Clark, D., Mariano, E. R., Stafford, R. S.
LIPPINCOTT WILLIAMS & WILKINS.2019: 925-26
- **Association of bone mineral density with hemoglobin and change in hemoglobin among older men and women: The Cardiovascular Health Study** *BONE*
Valderrabano, R. J., Buzkova, P., Chang, P., Zakai, N. A., Fink, H. A., Robbins, J. A., Lee, J. S., Wu, J. Y., Cardiovasc Hlth Study Grp
2019; 120: 321-26
- **Association of APOL1 Risk Alleles with Cardiovascular Disease in African Americans in the Million Veteran Program.** *Circulation*
Bick, A. G., Akwo, E. n., Robinson-Cohen, C. n., Lee, K. n., Lynch, J. n., Assimes, T. L., DuVall, S. n., Edwards, T. n., Fang, H. n., Freiberg, S. M., Giri, A. n., Huffman, J. E., Huang, et al
2019
- **Social Relationships and Risk of Type 2 Diabetes Among Postmenopausal Women.** *The journals of gerontology. Series B, Psychological sciences and social sciences*
Hendryx, M. n., Nicholson, W. n., Manson, J. E., Kroenke, C. H., Lee, J. n., Weitlauf, J. C., Garcia, L. n., Jonasson, J. M., Wactawski-Wende, J. n., Luo, J. n.
2019
- **27-Hydroxycholesterol, an Endogenous SERM, and Risk of Fracture in Postmenopausal Women: A Nested Case-Cohort Study in the Women's Health Initiative** *JOURNAL OF BONE AND MINERAL RESEARCH*
Chang, P., Feldman, D., Stefanick, M. L., McDonnell, D. P., Thompson, B. M., McDonald, J. G., Lee, J. S.
2019; 34 (1): 59-66
- **Unplanned Hospital Encounters After Endoscopic Retrograde Cholangiopancreatography in 3 Large North American States** *GASTROENTEROLOGY*
Huang, R. J., Barakat, M. T., Girotra, M., Lee, J. S., Banerjee, S.
2019; 156 (1): 119-+

- **Effect of Genetic Variation in Loss of Function Variants in PCSK9 on Atherosclerotic Vascular Disease**
Small, A. M., Huffman, J. E., Klarin, D., Lynch, J., Sun, Y., Lee, J. S., Assimes, T., Miller, D., Freiberg, M., Gaziano, J., Rader, D. J., Wilson, P. W., Cho, et al
LIPPINCOTT WILLIAMS & WILKINS.2018
- **Associations of Joint Trajectories of Appendicular Lean Mass and Grip Strength with Risk of Non-Spine Fractures**
Valderrabano, R., Parimi, N., Cawthon, P. M., Lee, J. S., Wu, J. Y., Hoffman, A. R., Stefanick, M. L.
WILEY.2018: 434
- **Microvascular Complications and Risk of Incident Hip Fracture in Type 2 Diabetes: A National Cohort**
Chang, P., Wang, Y., Valderrabano, R. J., Tsai, Y., Lee, J. S.
WILEY.2018: 103
- **Validation of Established Genetic Loci for Non-Alcoholic Fatty Liver Disease (NAFLD) and Their Contribution to NAFLD Phenotype in 194,457 Individuals Enrolled in the Million Veteran Program**
Serper, M., Vujkovic, M., Kaplan, D. E., Carr, R. M., Lee, K., Shao, Q., Miller, D., Huang, J., Reaven, P. D., Phillips, L. S., O'Donnell, C. J., Meigs, J. B., Wilson, et al
WILEY.2018: 210A–211A
- **Incidence of Second Malignancy in Patients with Papillary Thyroid Cancer from Surveillance, Epidemiology, and End Results 13 Dataset.** *Journal of thyroid research*
Endo, M., Liu, J. B., Dougan, M., Lee, J. S.
2018; 2018: 8765369
- **A Temporal Examination of Platelet Counts as a Predictor of Prognosis in Lung, Prostate, and Colon Cancer Patients.** *Scientific reports*
Sylman, J. L., Boyce, H. B., Mitrugno, A. n., Tormoen, G. W., Thomas, I. C., Wagner, T. H., Lee, J. S., Leppert, J. T., McCarty, O. J., Mallick, P. n.
2018; 8 (1): 6564
- **Outdoor air pollution and mosaic loss of chromosome Y in older men from the Cardiovascular Health Study.** *Environment international*
Wong, J. Y., Margolis, H. G., Machiela, M. n., Zhou, W. n., Odden, M. C., Psaty, B. M., Robbins, J. n., Jones, R. R., Rotter, J. I., Chanock, S. J., Rothman, N. n., Lan, Q. n., Lee, et al
2018; 116: 239–47
- **Metabolic Obesity Phenotypes and Risk of Breast Cancer in Postmenopausal Women** *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*
Kabat, G. C., Kim, M. Y., Lee, J. S., Ho, G. Y., Going, S. B., Beebe-Dimmer, J., Manson, J. E., Chlebowski, R. T., Rohan, T. E.
2017; 26 (12): 1730–35
- **Older Men with Decreasing Hemoglobin Have a Higher Risk of Future Hip Fracture: The Cardiovascular Health Study**
Valderrabano, R. J., Buzkova, P., Chang, P., Zakai, N. A., Fink, H. A., Robbins, J. A., Wu, J. Y., Lee, J. S.
WILEY.2017: S98–S99
- **Older Men with Anemia Have Increased Fracture Risk Independent of Bone Mineral Density.** *journal of clinical endocrinology and metabolism*
Valderrabano, R. J., Lee, J., Lui, L., Hoffman, A. R., Cummings, S. R., Orwoll, E. S., Wu, J. Y.
2017
- **Bone Density Loss Is Associated With Blood Cell Counts** *JOURNAL OF BONE AND MINERAL RESEARCH*
Valderrabano, R. J., Lui, L., Lee, J., Cummings, S. R., Orwoll, E. S., Hoffman, A. R., Wu, J. Y.
2017; 32 (2): 212-220
- **Evidence for use of Teriparatide in Spinal Fusion Surgery in Osteoporotic Patients.** *World neurosurgery*
Chaudhary, N., Lee, J. S., Wu, J. Y., Tharin, S.
2016
- **Prevalence and risk of fracture diagnoses in women across the adult life span: a national cross-sectional study.** *Osteoporosis international*
Chang, P. Y., Saechao, F. S., Lee, J., Haskell, S. G., Frayne, S. M., Lee, J. S.
2016; 27 (11): 3177-3186
- **Environmental tobacco smoke and risk of late-diagnosis incident fibroids in the Study of Women's Health across the Nation (SWAN).** *Fertility and sterility*
Wong, J. Y., Chang, P., Gold, E. B., Johnson, W. O., Lee, J. S.
2016; 106 (5): 1157-1164

- **Triglyceride Levels and Fracture Risk in Midlife Women: Study of Women's Health Across the Nation (SWAN).** *The Journal of clinical endocrinology and metabolism*
Chang, P. Y., Gold, E. B., Cauley, J. A., Johnson, W. O., Karvonen-Gutierrez, C., Jackson, E. A., Ruppert, K. M., Lee, J. S.
2016; 101 (9): 3297-305
- **Circulating Sex Hormones and Risk of Uterine Fibroids: Study of Women's Health Across the Nation (SWAN)** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Wong, J. Y., Gold, E. B., Johnson, W. O., Lee, J. S.
2016; 101 (1): 122-129
- **Subclinical Thyroid Dysfunction and Hip Fracture and Bone Mineral Density in Older Adults: The Cardiovascular Health Study** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Garin, M. C., Arnold, A. M., Lee, J. S., Robbins, J., Cappola, A. R.
2014; 99 (8): 2657-2664
- **Subclinical Hypothyroidism, Weight Change, and Body Composition in the Elderly: The Cardiovascular Health Study** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Garin, M. C., Arnold, A. M., Lee, J. S., Tracy, R. P., Cappola, A. R.
2014; 99 (4): 1220-1226
- **Age, body mass, usage of exogenous estrogen, and lifestyle factors in relation to circulating sex hormone-binding globulin concentrations in postmenopausal women.** *Clinical chemistry*
Goto, A., Chen, B. H., Song, Y., Cauley, J., Cummings, S. R., Farhat, G. N., Gunter, M., Van Horn, L., Howard, B. V., Jackson, R., Lee, J., Rexrode, K. M., Liu, et al
2014; 60 (1): 174-185
- **Sex Hormone Levels and Risk of Breast Cancer With Estrogen Plus Progestin** *JNCI-JOURNAL OF THE NATIONAL CANCER INSTITUTE*
Farhat, G. N., Parimi, N., Chlebowski, R. T., Manson, J. E., Anderson, G., Huang, A. J., Vittinghoff, E., Lee, J. S., LaCroix, A. Z., Cauley, J. A., Jackson, R., Grady, D., Lane, et al
2013; 105 (19): 1496-1503
- **Fibroblast Growth Factor 23, Bone Mineral Density, and Risk of Hip Fracture Among Older Adults: The Cardiovascular Health Study** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Jovanovich, A., Buzkova, P., Chonchol, M., Robbins, J., Fink, H. A., de Boer, I. H., Kestenbaum, B., Katz, R., Carbone, L., Lee, J., Laughlin, G. A., Mukamal, K. J., Fried, et al
2013; 98 (8): 3323-3331
- **Thyroid hormones and thyroid disease in relation to perchlorate dose and residence near a superfund site.** *Journal of exposure science and environmental epidemiology*
Gold, E. B., Blount, B. C., O'Neill Rasor, M., Lee, J. S., Alwis, U., Srivastav, A., Kim, K.
2013; 23 (4): 399-408
- **Factors Related to Age at Natural Menopause: Longitudinal Analyses From SWAN** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Gold, E. B., Crawford, S. L., Avis, N. E., Crandall, C. J., Matthews, K. A., Waetjen, L. E., Lee, J. S., Thurston, R., Vuga, M., Harlow, S. D.
2013; 178 (1): 70-83
- **Persistent Subclinical Hypothyroidism and Cardiovascular Risk in the Elderly: The Cardiovascular Health Study** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Hyland, K. A., Arnold, A. M., Lee, J. S., Cappola, A. R.
2013; 98 (2): 533-540
- **Sex hormone levels and risk of breast cancer with estrogen plus progestin** *Journal of the National Cancer Institute*
Farhat, G. N., Parimi, N., Chlebowski, R. T., Manson, J. E., Anderson, G., Huang, A. J., Vittinghoff, E., Lee, J. S., LaCroix, A. Z., Cauley, J. A., Jackson, R., Grady, D., Lane, et al
2013
- **Quantifying Mediating Effects of Endogenous Estrogen and Insulin in the Relation between Obesity, Alcohol Consumption, and Breast Cancer** *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*
Hvidtfeldt, U. A., Gunter, M. J., Lange, T., Chlebowski, R. T., Lane, D., Farhat, G. N., Freiberg, M. S., Keiding, N., Lee, J. S., Prentice, R., Tjønneland, A., Vitolins, M. Z., Wassertheil-Smolter, et al
2012; 21 (7): 1203-1212

- **Bone mineral density loss in relation to the final menstrual period in a multiethnic cohort: Results from the Study of Women's Health Across the Nation (SWAN)** *JOURNAL OF BONE AND MINERAL RESEARCH*
Greendale, G. A., Sowers, M., Han, W., Huang, M., Finkelstein, J. S., Crandall, C. J., Lee, J. S., Karlamangla, A. S.
2012; 27 (1): 111-118
- **Sex Hormone Levels and Risks of Estrogen Receptor-Negative and Estrogen Receptor-Positive Breast Cancers** *JOURNAL OF THE NATIONAL CANCER INSTITUTE*
Farhat, G. N., Cummings, S. R., Chlebowski, R. T., Parimi, N., Cauley, J. A., Rohan, T. E., Huang, A. J., Vitolins, M., Hubbell, F. A., Manson, J. E., Cochrane, B. B., Lane, D. S., Lee, et al
2011; 103 (7): 562-570
- **Sex hormones and risk of estrogen receptor (ER)-negative and ER-positive breast cancer** *JOURNAL OF THE NATIONAL CANCER INSTITUTE*
Farhat, G., Cummings, S. R., Chlebowski, R. T., Parimi, N., Cauley, J. A., et al
2011; 103
- **Prospective Study of Endogenous Circulating Estradiol and Risk of Stroke in Older Women** *OBSTETRICAL & GYNECOLOGICAL SURVEY*
Lee, J. S., Yaffe, K., Lui, L., Cauley, J., Taylor, B., Browner, W., Cummings, S.
2010; 65 (8): 510-511
- **Prospective Study of Endogenous Circulating Estradiol and Risk of Stroke in Older Women** *ARCHIVES OF NEUROLOGY*
Lee, J. S., Yaffe, K., Lui, L., Cauley, J., Taylor, B., Browner, W., Cummings, S.
2010; 67 (2): 195-201
- **In PCOS, adrenal steroids are regulated differently in the morning versus in response to nutrient intake** *FERTILITY AND STERILITY*
Gurusinghe, D., Gill, S., Almario, R. U., Lee, J., Horn, W. F., et al
2010; 93 (4): 1192-99
- **Cardiovascular Disease in Women-Challenges Deserving a Comprehensive Translational Approach** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*
Lee, J. S., Bertakis, K., Meyers, F. J., Chedin, E., Tarantal, A., Anderson, K., Berglund, L.
2009; 2 (3): 251-255
- **Homocysteine levels and risk of hip fracture in postmenopausal women** *JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM*
LeBoff, M. S., Nerweker, R., LaCroix, A., Wu, L., Jackson, R., et al
2009; 9 (4): 1207-13
- **Hip fractures and heart failure: Findings from the Cardiovascular Health Study** *EUROPEAN HEART JOURNAL*
Carbone, L., Buzkova, P., Fink, H., Lee, J. S., Chen, Z., et al
2009; 31 (1): 77-84
- **Estrogen, aging and the cardiovascular system.** *Future cardiology*
Stice, J. P., Lee, J. S., Pechenino, A. S., Knowlton, A. A.
2009; 5 (1): 93-103
- **Serum 25-hydroxyvitamin D concentrations and risk for hip fractures** *ANNALS OF INTERNAL MEDICINE*
Cauley, J. A., LaCroix, A. Z., Wu, L., Horwitz, M., Danielson, M. E., Bauer, D. C., Lee, J. S., Jackson, R. D., Robbins, J. A., Wu, C., Stanczyk, F. Z., LeBoff, M. S., Wactawski-Wende, et al
2008; 149 (4): 242-?
- **Non-Hodgkin lymphoma in women: Reproductive factors and exogenous hormone use** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Lee, J. S., Bracci, P. M., Holly, E. A.
2008; 168 (3): 278-88
- **Associations of serum sex hormone-binding globulin and sex hormone concentrations with hip fracture risk in postmenopausal women** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Lee, J. S., LaCroix, A. Z., Wu, L., Cauley, J. A., Jackson, R. D., Kooperberg, C., LeBoff, M. S., Robbins, J., Lewis, C. E., Bauer, D. C., Cummings, S. R.
2008; 93 (5): 1796-1803
- **Exogenous hormone use, reproductive factors and risk of non-Hodgkin lymphoma** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Lee, J. S., Bracci, P., Holly, E. A.

2008; 168 (3): 278-88

- **Potential role of ultra-sensitive estradiol assays in estimating the risk of breast cancer and fractures** *STEROIDS*
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