



Gary Scott Leiserowitz, M.D., M.S.

Philosophy of Care

Gary S. Leiserowitz and his colleagues in the Division of Gynecologic Oncology believe in patient-centered care that is anchored in the most current evidence-based medicine. He works closely with other physicians in medical oncology, radiation oncology and pathology to bring a multidisciplinary focus to each patient's case. He has been deeply engaged in training the next generation of residents in obstetrics and gynecology and fellows in Gynecologic Oncology to bring cutting edge knowledge and skills to our patients in the region.

Clinical Interests

Dr. Gary S. Leiserowitz is a board-certified specialist in Gynecologic Oncology who provides patient-centered care that is anchored in the most current evidence-based medicine. His extensive surgical experience includes minimally invasive and robotic-assisted procedures for a variety of conditions, as well as open radical procedures for gynecologic cancers. As a member and former director of the Gynecologic Oncology fellowship program at UC Davis, Dr. Leiserowitz is also helping train the next generation of specialists in cancers of the female reproductive system. He has been listed a number of times over the years as one of the "Best Doctors in America," and Sacramento region's "Top Doctors" including through the current period.

Research/Academic Interests

Dr. Leiserowitz is board-certified in Gynecologic Oncology and specializes in minimally invasive surgery. His research interests include the development of a potential new blood test for ovarian cancer using glycomics analysis, and outcomes-based research with recent work focusing on identifying predictive factors for long-term survival in ovarian cancer, and currently involved in translational and clinical research projects. He has served as an examiner for the American Board of Obstetrics and Gynecology, both for general exams and sub-specialty exams in Gynecologic Oncology. He was the Fellowship Director of the Gynecologic Oncology fellowship through 2019, as well as the Division Chief, until the successful recruitment of Dr. Rebecca Brooks. He has been Chair of the Department of Obstetrics and Gynecology since 2015. He has been engaged in medical practice leadership for UC Davis Health, serving as Chair of the UC Davis Medical Group until 2022, and is currently the Interim Executive Director.

Title

Chair, Department of Obstetrics and Gynecology
Professor, Division of Gynecologic Oncology and Department of Obstetrics and Gynecology
Interim Executive Director, UC Davis Medical Group

Specialty

[Cancer](#)

Department

[Obstetrics and Gynecology](#)

Division

Gynecologic Oncology



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Center/Program Affiliation	UC Davis Comprehensive Cancer Center Women's Center for Health UC Davis Medical Group
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Languages	Spanish
Education	M.D., University of Iowa College of Medicine, Iowa City IA 1981 M.S., Mayo Graduate School of Medicine, Rochester MN 1993 B.S., University of Iowa, Iowa City IA 1976
Internships	Family Medicine, Ventura County Medical Center, Ventura CA 1981-1982
Residency	Obstetrics and Gynecology - Chief Resident, UC Davis Medical Center, Sacramento CA 1986-1989 Family Medicine, Ventura County Medical Center, Ventura CA 1982-1984
Fellowships	Gynecologic Oncology, Mayo Clinic, Rochester MN 1990-1993
Board Certifications	American Board of Family Medicine American Board of Obstetrics and Gynecology, 2014 American Board of Obstetrics and Gynecology, Gynecologic Oncology, 2016
Professional Memberships	American College of Obstetrics and Gynecology Council of University Chairs of Obstetrics and Gynecology Society of Gynecologic Oncologists Western Association of Gynecologic Oncologists
Honors and Awards	Top Doctors – Sacramento, Sacramento Magazine, 2016, 2017, 2018, 2019, 2020, 2021, 2022 Dean's Team Award for Excellence – Clinical Care. Interstitial Brachytherapy for Gynecologic Cancers., 2016 Best Doctors in America, 2003, 2005, 2013, 2015 2015 Roy M. Pitkin Award; established in 1998 to honor departments of obstetrics and gynecology



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Select Recent Publications

that promote and demonstrate excellence in research. The winning article is: Cress RD, Chen YS, Morris CR, Petersen M, Leiserowitz GS. Characteristics of long-term survivors of epithelial ovarian cancer. *Obstet Gynecol* 2015;126:491-7., 2016

James F. Nolan Award for best clinical paper. 44th Annual WAGO meeting award: "Comparison of LAVH vs. TAH for Endometrial Cancer for Clinical Outcomes and Survival: A Population-Based Study", 2014

Chen H, Gotimer K, De Souza C, Tepper CG, Karnezis AN, Leiserowitz GS, Chien J, Smith LH. Short-term organoid culture for drug sensitivity testing of high-grade serous carcinoma. *Gynecol Oncol*. 2020 Jun;157(3):783-792. doi:10.1016/j.ygyno.2020.03.026. Epub 2020 Apr 4. PMID: 32253045.

Girda E, Huang EC, Leiserowitz GS, Smith LH. The Use of Endometrial Cancer Patient-Derived Organoid Culture for Drug Sensitivity Testing Is Feasible. *Int J Gynecol Cancer*. 2017 Oct;27(8):1701-1707. doi:10.1097/IGC.0000000000001061. PMID:28683005.

Carney RP, Hazari S, Colquhoun M, Tran D, Hwang B, Mulligan MS, Bryers JD, Girda E, Leiserowitz GS, Smith ZJ, Lam KS. Multispectral Optical Tweezers for Biochemical Fingerprinting of CD9-Positive Exosome Subpopulations. *Anal Chem*. 2017 May 16;89(10):5357-5363. doi: 10.1021/acs.analchem.7b00017. Epub 2017 Apr 25. PMID:28345878.

Leiserowitz GS, Lin JF, Tergas AI, Cliby WA, Bristow RE. Factors Predicting Use of Neoadjuvant Chemotherapy Compared With Primary Debulking Surgery in Advanced Stage Ovarian Cancer-A National Cancer Database Study. *Int J Gynecol Cancer*. 2017 May;27(4):675-683. doi:10.1097/IGC.0000000000000967. PMID:28328580.

Cress RD, Chen YS, Morris CR, Petersen M, Leiserowitz GS. Characteristics of Long-Term Survivors of Epithelial Ovarian Cancer. *Obstet Gynecol*. 2015 Sep;126(3):491-497. doi:10.1097/AOG.0000000000000981. PMID:26244529.

Kim K, Ruhaak LR, Nguyen UT, Taylor SL, Dimapasoc L, Williams C, Stroble C, Ozcan S,



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Miyamoto S, Lebrilla CB, Leiserowitz GS. Evaluation of glycomic profiling as a diagnostic biomarker for epithelial ovarian cancer. *Cancer Epidemiol Biomarkers Prev.* 2014 Apr;23(4):611-21. doi:10.1158/1055-9965.EPI-13-1073. Epub 2014 Feb 20. PMID:24557531.

Ruhaak LR, Taylor SL, Miyamoto S, Kelly K, Leiserowitz GS, Gandara D, Lebrilla CB, Kim K. Chip-based nLC-TOF-MS is a highly stable technology for large-scale high-throughput analyses. *Anal Bioanal Chem.* 2013 May;405(14):4953-8. doi:10.1007/s00216-013-6908-z. Epub 2013 Mar 23. PMID:23525540.

Hua S, Williams CC, Dimapasoc LM, Ro GS, Ozcan S, Miyamoto S, Lebrilla CB, An HJ, Leiserowitz GS. Isomer-specific chromatographic profiling yields highly sensitive and specific potential N-glycan biomarkers for epithelial ovarian cancer. *J Chromatogr A.* 2013 Mar 1;1279:58-67. doi:10.1016/j.chroma.2012.12.079. Epub 2013 Jan 11. PMID:23380366.

Cress RD, Bauer K, O'Malley CD, Kahn AR, Schymura MJ, Wike JM, Stewart SL, Leiserowitz GS. Surgical staging of early stage epithelial ovarian cancer: results from the CDC-NPCR ovarian patterns of care study. *Gynecol Oncol.* 2011 Apr;121(1):94-9. doi:10.1016/j.ygyno.2010.12.359. Epub 2011 Jan 21. PMID:21256581.

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