Stanford



Babak Litkouhi

Clinical Associate Professor, Obstetrics & Gynecology - Gynecologic Oncology

CLINICAL OFFICE (PRIMARY)

- **Stanford Women's Cancer Center**

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Bio

BIO

Dr. Litkouhi joined the Stanford Women's Cancer Center in 2019. He was previously faculty at Yale and Harvard universities, and co-chief of gynecologic oncology at John Theurer Cancer Center in NJ. His expertise is in gynecologic cancer surgery and chemotherapeutic management of gynecologic cancers, including HIPEC. He has expertise in open, laparoscopic, and robotic radical surgery. He is the director of the gynecologic oncology fellowship program at Stanford. He has been the recipient of numerous patient-care and teaching awards, and is an active researcher and clinical trialist.

CLINICAL FOCUS

- Gynecologic Oncology
- Ovarian cancer
- Uterine and endometrial cancer
- Cervical cancer
- Vulvar and vaginal cancer
- Laparoscopic surgery
- Robotic surgery
- Sentinel lymph node mapping
- HIPEC
- Chemotherapy

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Obstetrics & Gynecology - Gynecologic Oncology

ADMINISTRATIVE APPOINTMENTS

- Program Director, Gynecologic Oncology Fellowship, Stanford University School of Medicine, (2019- present)
- Course Director, GYN Oncology clerkship (OBGYN 308A), Stanford University School of Medicine, (2022- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Panelist, NCCN, Ovarian committee (2023 - present)
- Member, Society of Gynecologic Oncology (2004 - present)

PROFESSIONAL EDUCATION

- Medical Education: Icahn School of Medicine at Mount Sinai (2000) NY
- Board Certification: Gynecologic Oncology, American Board of Obstetrics and Gynecology (2011)
- Board Certification: Obstetrics and Gynecology, American Board of Obstetrics and Gynecology (2009)
- Fellowship: Brigham and Women's Hospital Gynecologic Oncology Fellowship (2007) MA
- Residency: Yale New Haven Obstetrics and Gynecology Residency (2004) CT

COMMUNITY AND INTERNATIONAL WORK

- Stanford African Scholars in Global Health

Research & Scholarship

CLINICAL TRIALS

- Autologous B7-H3 Chimeric Antigen Receptor T Cells in Relapsed/Refractory Solid Tumors, Recruiting
- Testing the Use of the Combination of Selumetinib and Olaparib or Selumetinib Alone Targeted Treatment for RAS Pathway Mutant Recurrent or Persistent Ovarian and Endometrial Cancers, A ComboMATCH Treatment Trial, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Gynecologic Oncology (Fellowship Program)

Publications

PUBLICATIONS

- **Hyperthermic Intraperitoneal Chemotherapy in Ovarian Cancer** *CURRENT OBSTETRICS AND GYNECOLOGY REPORTS*
  AlAshqar, A., Karam, A., Litkouhi, B.
  2026; 15 (1)

- **CAN TUMOUR IMMUNE LANDSCAPE AND PATIENT FACTORS HELP DIRECT MANAGEMENT IN ADVANCED-STAGE POLEMUT ENDOMETRIAL CANCER?**
  Gray, K., Mchenry, A., Betella, I., Hodgson, A., Linhart, S., Erickson, B., Gao, T., Scott, S., Mah, S., Kean, S., Leung, S., Grube, M., Chiu, et al
  ELSEVIER.2026

- **ASSESSING THE UNMET NEEDS OF WOMEN WITH GYNAECO-LOGICAL CANCERS IN LAGOS, NIGERIA: A PILOT STUDY**
  Okunowo, A., Adekanye, T., Naiyeju, O., Edema, A., Adieme, R., Obienu, M., Uchechukwu, E., Shobakin, A., Jimoh, K., Afiawari, E., Awosemo, O., Tunjibello, R., Litkouhi, et al
  ELSEVIER.2026

- **ASSESSING THE BURDEN OF CARE AND THE UNMET NEEDS OF PRIMARY CAREGIVERS OF WOMEN WITH GYNAECOLOGICAL CANCERS IN LAGOS, NIGERIA: A PILOT STUDY**
  Okunowo, A., Adekanye, T., Naiyeju, O., Edema, A., Adieme, R., Obienu, M., Uchechukwu, E., Shobakin, A., Jimoh, K., Afiawari, E., Awosemo, O., Tunjibello, R., Litkouhi, et al
  ELSEVIER.2026

- **Surgery hurts: The burden of work-related pain and injuries among gynecologic oncologists**
  Adams, E., Ghezelayagh, T., Zhang, J., Litkouhi, B., Paraghamian, S.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2026

- **Informatics-driven spatial-omics for cancer immunotherapy discovery in gynecologic cancers.**
  Huang, R., Libert, D., Kasimov, A., Kingsley, L., Nasr, S., Al-Humadi, R., Finch, L. A., Diver, E., Reddy, R. A., Litkouhi, B., Bixel, K., Jiang, S., Howitt, et al
  AMER ASSOC CANCER RESEARCH.2026

- **Association of platinum-based chemotherapy with survival in ovarian carcinosarcoma: a retrospective 2-center cohort study.** *International journal of gynecological cancer : official journal of the International Gynecological Cancer Society*
  Abozenah, Y., Erfani, H., Haunschild, C., Upadhyay, A., Greenman, M., McNamara, B., Papatla, K., Clark, M., Dottino, P., Azodi, M., Santin, A., Ratner, E., Litkouhi, et al
  2025: 104440

- **Early experience and assessment of real-world toxicities with mirvetuximab soravtansine in a heavily pretreated patient cohort with ovarian cancer.** *Gynecologic oncology reports*
  Lang, S. M., Vingopoulos, F., Beshar, I., Somasegar, S., Adams, E. V., Sasse, S. A., Ghezelayagh, T., McClung, E. C., Karam, A., Dorigo, O., Mruthyunjaya, P., Litkouhi, B.
  2025; 59: 101738

- **Vascular Interventions in Gynecologic Oncology Surgery: Outcomes at a Tertiary Medical Center**
  Ho, M., Fereydooni, A., Litkouhi, B., Karam, A., Lee, J. T., Harris Jr, E. J., George, E. L.
  MOSBY-ELSEVIER.2025

- **Phlegmasia cerulea dolens as a complication of radiation therapy in endometrial cancer: a case report.** *AJOG global reports*
  Ho, M., Fereydooni, A., McFarland, G., Litkouhi, B., Karam, A., Harris, E. J., George, E. L.
  2025; 5 (1): 100443

- **Evaluation of real-world ocular toxicity during treatment with mirvetuximab soravtansine**
  Lang, S., Litkouhi, B.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2024: S449-S450

- **NCCN Guidelines Insights: Ovarian Cancer/Fallopian Tube Cancer/Primary Peritoneal Cancer, Version 3.2024.** *Journal of the National Comprehensive Cancer Network : JNCCN*
  Liu, J., Berchuck, A., Backes, F. J., Cohen, J., Grisham, R., Leath, C. A., Martin, L., Matei, D., Miller, D. S., Robertson, S., Barroilhet, L., Uppal, S., Hendrickson, et al
  2024; 22 (8): 512-519

- **Diabetes mellitus complications associated with recurrence of stage I endometrioid endometrial cancer: A single-center retrospective study.** *Gynecologic oncology*
  Nief, C. A., Long, S. E., McCleary, T. L., Kidd, E., Litkouhi, B., Howitt, B.
  2024; 190: 298-306

- **Endometrioid Endometrial RNA Index Predicts Recurrence in Stage I Patients.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
  Nief, C. A., Hammer, P. M., Wang, A., Charu, V., Tanweer, A., Litkouhi, B., Kidd, E., Gentles, A. J., Howitt, B. E.
  2024

- **Aberrant nuclear β-catenin distribution does not prognosticate recurrences of endometrioid endometrial cancers - A retrospective single-institutional study.** *Gynecologic oncology*
  Beshar, I., Moon, A. S., Darji, H., Liu, C., Jennings, M. T., Dorigo, O., Litkouhi, B., Diver, E. J., Karam, A. K., Howitt, B. E., Renz, M.
  2023; 179: 85-90

- **Does lymph node assessment change the prognostic significance of substantial LVSI and p53 status in endometrial endometrioid carcinoma?** *Gynecologic oncology*
  Hui, C., Mendoza, M. G., von Eyben, R., Dorigo, O., Litkouhi, B., Renz, M., Karam, A., Hammer, P. M., Howitt, B. E., Kidd, E.
  2023; 177: 150-156

- **Adjuvant radiation therapy in early-stage endometrial cancer with abnormal beta-catenin expression is associated with improved local control.** *Gynecologic oncology*
  Hui, C., Mendoza, M. G., Snyder, J., Dorigo, O., Litkouhi, B., Renz, M., Karam, A., Devereaux, K., Howitt, B. E., Kidd, E. A.
  2023; 174: 42-48

- **Reactivated disseminated tuberculosis in pregnancy: Case report and review of the literature.** *Case reports in women's health*

Beshar, I., Moon, A. S., Pendse, R., Nevins, A. B., Litkouhi, B.
2023; 37: e00475

- **Technetium Tc 99m tilmanocept fails to detect sentinel lymph nodes in endometrial cancer.** *Gynecologic oncology reports*
  Reddy, R. A., Moon, A. S., Chow, S., Heilbroner, L., Howitt, B., Diver, E., Dorigo, O., Litkouhi, B., Renz, M., Karam, A.
  2022; 43: 101054

- **Prospective molecular classification of endometrial carcinomas: institutional implementation, practice, and clinical experience.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
  Devereaux, K. A., Weiel, J. J., Pors, J., Steiner, D. F., Ho, C., Charu, V., Suarez, C. J., Renz, M., Diver, E., Karam, A., Litkouhi, B., Dorigo, O., Kidd, et al
  2021

- **Stage III uterine serous carcinoma: modern trends in multimodality treatment.** *Journal of gynecologic oncology*
  Li, J. Y., Young, M. R., Huang, G., Litkouhi, B., Santin, A., Schwartz, P. E., Damast, S.
  2020; 31 (4): e53

- **Randomized Phase II Trial of Carboplatin-Paclitaxel Compared with Carboplatin-Paclitaxel-Trastuzumab in Advanced (Stage III-IV) or Recurrent Uterine Serous Carcinomas that Overexpress Her2/Neu (NCT01367002): Updated Overall Survival Analysis.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
  Fader, A. N., Roque, D. M., Siegel, E., Buza, N., Hui, P., Abdelghany, O., Chambers, S., Secord, A. A., Havrilesky, L., O'Malley, D. M., Backes, F. J., Nevadunsky, N., Edraki, et al
  2020

- **Vulvar sarcoma outcomes by histologic subtype: a Surveillance, Epidemiology, and End Results (SEER) database review.** *International journal of gynecological cancer : official journal of the International Gynecological Cancer Society*
  Johnson, S. n., Renz, M. n., Wheeler, L. n., Diver, E. n., Dorigo, O. n., Litkouhi, B. n., Behbakht, K. n., Howitt, B. n., Karam, A. n.
  2020

- **Outcomes and relapse patterns of stage IB grade 2 or 3 endometrial cancer treated with adjuvant vaginal brachytherapy.** *International journal of gynecological cancer : official journal of the International Gynecological Cancer Society*
  Hochreiter, A., Kelly, J. R., Young, M. R., Litkouhi, B., Black, J. D., Stromberger, C., Higgins, S., Schwartz, P. E., Damast, S.
  2020; 30 (1): 48-55

- **MRI of cervical cancer with a surgical perspective: staging, prognostic implications and pitfalls.** *Abdominal radiology (New York)*
  Balcacer, P., Shergill, A., Litkouhi, B.
  2019; 44 (7): 2557-2571

- **Serial Uterine Artery Embolization for the Treatment of Placenta Percreta in the First Trimester: A Case Report.** *Cardiovascular and interventional radiology*
  DeMeritt, J., Wajswol, E., Wattamwar, A., Litkouhi, B., Vaidya, A., Sbarra, M., Zamudio, S., Pozzi, R. A., Canning, A., Woytanowski, J., Al-Khan, A.
  2018; 41 (8): 1280-1284

- **Occult Gynecologic Cancer in Women Undergoing Hysterectomy or Myomectomy for Benign Indications.** *Obstetrics and gynecology*
  Desai, V. B., Wright, J. D., Schwartz, P. E., Jorgensen, E. M., Fan, L., Litkouhi, B., Lin, H., Gross, C. P., Xu, X.
  2018; 131 (4): 642-651

- **FIGO Stage III Metastatic Gestational Choriocarcinoma Developed From an Antecedent Partial Hydatidiform Molar Pregnancy Bearing a Numerical Chromosomal Aberration 68, XX: A Case Report and Literature Review.** *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists*
  Ma, N., Litkouhi, B., Mannion, C. M.
  2016; 35 (2): 162-6

- **Institutional review of primary non-hodgkin lymphoma of the female genital tract: a 33-year experience.** *International journal of gynecological cancer : official journal of the International Gynecological Cancer Society*
  Ahmad, A. K., Hui, P., Litkouhi, B., Azodi, M., Rutherford, T., McCarthy, S., Xu, M. L., Schwartz, P. E., Ratner, E.
  2014; 24 (7): 1250-5