



## Deirdre A Lum

Clinical Associate Professor, Obstetrics & Gynecology

### CLINICAL OFFICE (PRIMARY)

- **Gynecologic Specialties**

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### Bio

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#### CLINICAL FOCUS

- Minimally invasive gynecologic surgery
- Endometriosis
- Pelvic pain
- Fibroids
- Alternatives to hysterectomy
- Heavy periods
- Ovarian masses/cysts
- Gynecology

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Obstetrics & Gynecology
- Member, Maternal & Child Health Research Institute (MCHRI)

#### ADMINISTRATIVE APPOINTMENTS

- Director, Minimally Invasive Gynecologic Surgery, Stanford University, (2015- present)

#### HONORS AND AWARDS

- Phi Beta Kappa Honor Society, Dartmouth College (June 2002)
- Rufus Choate Scholar, Dartmouth College (June 2002)
- Alpha Omega Alpha Honor Society, University of California, San Francisco (May 2007)
- Medical Residents Excellence Award, North American Menopause Society (October 2009)
- Winner of UCSF Creative Writing Contest, University of California, San Francisco, Academic Diversity Program (June 2010)
- AAGL Special Resident in Minimally Invasive Gynecology, American Association of Gynecologic Laparoscopists (AAGL) (June 2010)

- First prize in Bay Area Resident Research, San Francisco Gynecological Society (June 2011)
- Best Video in the Category of Education, American Association of Gynecologic Laparoscopists (AAGL) (November 2012)
- First Prize Video Award at ACOG 2013 Annual Clinical Meeting Film Festival, American Congress of Obstetricians and Gynecologists (ACOG) (May 2013)
- Kurt Semm award for the Best Video in the Category of Laparoscopic Hysterectomy Surgeries, American Association of Gynecologic Laparoscopists (AAGL) (November 2013)
- Carlo Romanini Award for the Best Video in the Category of Endometriosis, American Association of Gynecologic Laparoscopists (AAGL) (November 2013)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Congress of Obstetricians and Gynecologists (ACOG) (2007 - present)
- Member, American Association of Gynecologic Laparoscopists (AAGL) (2010 - present)
- Peer Reviewer, Journal of Minimally Invasive Gynecology (2011 - present)

## PROFESSIONAL EDUCATION

- Residency: University of California at San Francisco School of Medicine (2011) CA
- Medical Education: University of California at San Francisco School of Medicine (2007) CA
- Board Certification: Obstetrics and Gynecology, American Board of Obstetrics and Gynecology (2014)
- Fellowship: University of Pittsburgh Medical Center (2013) PA
- BA, Dartmouth College, NH (2002)

## COMMUNITY AND INTERNATIONAL WORK

- Availability of anti-retroviral therapy in Kisumu, Kenya
- J. William Fulbright Scholarship in Mokpo, South Korea

## Publications

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### PUBLICATIONS

- **Detection of Circulating Tumor DNA in Patients With Uterine Leiomyomas.** *JCO precision oncology*  
Przybyl, J., Spans, L., Lum, D. A., Zhu, S., Vennam, S., Forgó, E., Varma, S., Ganjoo, K., Hastie, T., Bowen, R., Debiec-Rychter, M., van de Rijn, M.  
2019; 3
- **Evaluation of the routine use of pelvic MRI in women presenting with symptomatic uterine fibroids: When is pelvic MRI useful?** *JOURNAL OF MAGNETIC RESONANCE IMAGING*  
Kim-Nhien Vu, Fast, A. M., Shaffer, R. K., Rosenberg, J., Dababou, S., Marrocchio, C., Vasanawala, S. S., Lum, D. A., Chen, B., Hovsepian, D. M., Ghanouni, P.  
2019; 49 (7): E271–E281
- **Rising From the Ashes: Minimally Invasive Surgery in the Wake of Power Morcellation.** *Obstetrics and gynecology*  
Lum, D. n.  
2019; 134 (2): 225–26
- **Techniques in minimally invasive surgery for advanced endometriosis** *CURRENT OPINION IN OBSTETRICS & GYNECOLOGY*  
King, C. R., Lum, D.  
2016; 28 (4): 316-322
- **Impact of the 2014 Food and Drug Administration Warnings Against Power Morcellation** *JOURNAL OF MINIMALLY INVASIVE GYNECOLOGY*  
Lum, D. A., Sokol, E. R., Berek, J. S., Schulkin, J., Chen, L., McElwain, C., Wright, J. D.  
2016; 23 (4): 548-556
- **Minimally invasive and ablative therapies for symptomatic uterine fibroids: a narrative review.** *Current opinion in obstetrics & gynecology*

- Gemesi, T. S., Lum, D., Atashroo, D., Chao, L.  
2025
- **Differences in Menstrual Cytokine Profiles of Women with and without Symptomatic Uterine Fibroids.** *F&S science*  
Dhanani, Z., Ramirez, N. J., Nguyen, J., Rosenberg-Hasson, Y., Naseri, S., Lum, D., Atashroo, D., Chen, B.  
2023
  - **What predicts durable symptom relief of uterine fibroids treated with MRI-guided focused ultrasound? A multicenter trial in 8 academic centers.** *European radiology*  
Bitton, R. R., Fast, A., Vu, K. N., Lum, D. A., Chen, B., Hesley, G. K., Raman, S. S., Matsumoto, A. H., Price, T. M., Tempany, C., Dhawan, N., Dolen, E., Kohi, et al  
2023
  - **Women Physicians Receive Lower Press Ganey Patient Satisfaction Scores in a Multi-Center Study of Outpatient Gynecology Care.** *American journal of obstetrics and gynecology*  
Rogo-Gupta, L. J., Altamirano, J., Homewood, L. N., Donnellan, N. M., Miles, S., Stuparich, M., Salinaro, J., Lum, D., Fassiotto, M.  
2023
  - **DIFFERENCES IN MENSTRUAL CYTOKINE PROFILES OF WOMEN WITH AND WITHOUT UTERINE FIBROIDS**  
Dhanani, Z., Ramirez, N., Nguyen, J., Hasson, Y., Naseri, S., Atashroo, D., Lum, D. A., Chen, B.  
ELSEVIER SCIENCE INC.2022: E104-E105
  - **Sigma-1 Receptor Changes Observed in Chronic Pelvic Pain Patients: A Pilot PET/MRI Study.** *Frontiers in pain research (Lausanne, Switzerland)*  
Yoon, D., Fast, A. M., Cipriano, P., Shen, B., Castillo, J. B., McCurdy, C. R., Mari Aparici, C., Lum, D., Biswal, S.  
2021; 2: 711748
  - **PET/MR imaging of sigma-1 receptor pinpoints previously undetectable abnormalities in chronic pelvic pain**  
Yoon, D., Fast, A., Shen, B., James, M. L., Lum, D., Biswal, S.  
SOC NUCLEAR MEDICINE INC.2020
  - **Are fibroid and bony pelvis characteristics associated with urinary and pelvic symptom severity?**  
Shaffer, R. K., Dobberfuhr, A. D., Vu, K., Fast, A. M., Dababou, S., Marrocchio, C., Lum, D. A., Hovsepian, D. M., Ghanouni, P., Chen, B.  
MOSBY-ELSEVIER.2019
  - **Are Fibroid and Bony Pelvis Characteristics Associated with Urinary and Pelvic Symptom Severity?** *American journal of obstetrics and gynecology*  
Shaffer, R. K., Dobberfuhr, A. D., Vu, K., Fast, A. M., Dababou, S., Marrocchio, C., Lum, D. A., Hovsepian, D. M., Ghanouni, P., Chen, B.  
2019
  - **Evaluation of the routine use of pelvic MRI in women presenting with symptomatic uterine fibroids: When is pelvic MRI useful?** *Journal of magnetic resonance imaging : JMRI*  
Vu, K., Fast, A. M., Shaffer, R. K., Rosenberg, J., Dababou, S., Marrocchio, C., Vasanaawala, S. S., Lum, D. A., Chen, B., Hovsepian, D. M., Ghanouni, P.  
2019
  - **Minimally Invasive Surgery for Uterine Fibroids with Contained Tissue Extraction** *CURRENT WOMENS HEALTH REVIEWS*  
Brown, D. N., Lum, D.  
2018; 14 (1): 42-47
  - **Utility of MRI in deeply infiltrating endometriosis**  
Lum, D.  
MOSBY-ELSEVIER.2016: S513
  - **Impact of the 2014 FDA Warnings Against Laparoscopic Power Morcellation.** *Journal of minimally invasive gynecology*  
Lum, D., Berek, J. S., Sheikhi, F., Sokol, E. R.  
2015; 22 (6S): S77-?
  - **Conservative Laparoscopy for the Obliterated Posterior Cul-De-Sac.** *Journal of minimally invasive gynecology*  
Lum, D.  
2015; 22 (6S): S128-?

- **Obesity and older age as protective factors for vaginal cuff dehiscence following total hysterectomy** *GYNECOLOGICAL SURGERY*  
Donnellan, N. M., Mansuria, S., Aguwa, N., Lum, D., Meyn, L., Lee, T.  
2015; 12 (2): 89–93
- **Obesity and older age as protective factors for vaginal cuff dehiscence following total hysterectomy.** *Gynecological surgery*  
Donnellan, N. M., Mansuria, S., Aguwa, N., Lum, D., Meyn, L., Lee, T.  
2015; 12 (2): 89-93
- **Brush Cytology of the Fallopian Tube and Implications in Ovarian Cancer Screening** *JOURNAL OF MINIMALLY INVASIVE GYNECOLOGY*  
Lum, D., Guido, R., Rodriguez, E., Lee, T., Mansuria, S., D'Ambrosio, L., Austin, R. M.  
2014; 21 (5): 851-856
- **Utilization of and charges for robotic versus laparoscopic versus open surgery for endometrial cancer** *JOURNAL OF SURGICAL ONCOLOGY*  
Yu, X., Lum, D., Kiet, T. K., Fuh, K. C., Orr, J., Brooks, R. A., Ueda, S. M., Chen, L., Kapp, D. S., Chan, J. K.  
2013; 107 (6): 653-658
- **Laparoscopic management of rectus sheath hematomas.** *Journal of the Society of Laparoendoscopic Surgeons*  
Chamsy, D., Lum, D., Mansuria, S.  
2013
- **Cytologic Findings in Experimental in vivo Fallopian Tube Brush Specimens** *ACTA CYTOLOGICA*  
Rodriguez, E. F., Lum, D., Guido, R., Austin, R. M.  
2013; 57 (6): 611-618
- **Cytologic findings in experimental in vivo fallopian tube brush specimens** *Acta Cytologica*  
Rodriguez, E., Lum, D., Guido, R., Austin, R. M.  
2013
- **Total laparoscopic hysterectomy** *Female Pelvic Medicine and Reconstructive Surgery*  
Lum, D., Lee, T.  
McGraw Hill Publishers.2012

## PRESENTATIONS

- Use of unidirectional barbed suture in closure of the vaginal cuff during total laparoscopic hysterectomy - 41st AAGL annual conference (11/7/2012)
- Disparities associated with use of robotic vs. laparoscopic vs. open surgery for endometrial cancer - 39th AAGL annual conference (11/7/2010)
- Laparoscopic approach to the retroperitoneum - 61st ACOG Annual Clinical Meeting (5/7/2013)
- Laparoscopic excision of bladder endometriosis - 39th Annual Scientific Meeting of the Society of Gynecologic Surgeons (4/9/2013)
- Laparoscopic approach to the pelvic sidewall - 41st AAGL annual conference (11/7/2012)
- Use of a chicken thigh model to teach laparoscopic electrocautery - 41st AAGL annual conference (11/8/2012)