Stanford



Kay Daniels

Clinical Professor, Obstetrics & Gynecology - Maternal Fetal Medicine

Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Center for Academic Medicine Obstetrics and Gynecology**

  453 Quarry Rd

  MC 5317

  Palo Alto, CA 94304

  Tel (650) 725-6079 **Fax** (650) 723-7737

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

  Jacquline Laskey - Administrative Associate

  Email jlaskey@lpch.org

  Tel 650 725-8623

Bio

CLINICAL FOCUS

- Obstetrics

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- CoDirector of OBSIm Program, Center for Pediatric and Perinatal Education, (2004- present)
- CoDirector of Disaster Planning, The Johnson Center at Lucile Packard Children's Hospital, (2013- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Director of OB simulation, Stanford Children's Health (2004 - present)
- National OB/Gyn Simulation Consortium, ACOG (2009 - 2018)
- Co-DIrector of Disaster Planning, Johnson Center for Pregnancy and Newborns Stanford Children's Health (2017 - present)
- Faculty Fellow with the Center for Innovation in Global Health, Stanford University (2015 - present)

PROFESSIONAL EDUCATION

- Medical Education: University of Colorado Anschutz (1983) CO
- Internship and Residency, Kaiser Permanente,Oakland , Obstetrics and Gynecology (1987)
- Board Certification: Obstetrics and Gynecology, American Board of Obstetrics and Gynecology (1989)

COMMUNITY AND INTERNATIONAL WORK

- GOMOMS/GOGYNS
- Use of Simulation to train in country OB/GYN residents in low resource areas, HEODRA hosptial

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Special interest in :

1.Ob simulation as a teaching and training tool

2. Disaster planning for OB units

3. Global women's health with an emphasis in cervical cancer screening

Publications

PUBLICATIONS

- **Integrating Cervical Cancer Screening Into Pre-existing, Low-resource Mexican-US Border Clinics.** *Journal of lower genital tract disease*
  Daniels, K., Khan, M. J., Gaffikin, L., Gonzalez Montoya, R. A., Blumenthal, P. D.
  2026
- **The Value of a Cross-Disciplinary Approach to Human and System Performance Research in Obstetrics and Neonatology: AHRQ's Patient Safety Learning Laboratory.** *Journal of patient safety*
  Halamek, L. P., Galindo, R. B., Follmer, S., Yamada, N. K., Catchpole, K., Lusk, C., Pineda, L., Daniels, K., Lipman, S., Lee, H. C.
  2025; 21 (7Supp): S52-S59
- **Virtual simulation training for postpartum hemorrhage in low-to-moderate-volume hospitals in the US.** *AJOG global reports*
  Minor, K. C., Bianco, K., Mayo, J. A., Abir, G., Judy, A. E., Lee, H. C., Leonard, S. A., Ayotte, S., Hedli, L. C., Schaffer, K., Sie, L., Daniels, K.
  2024; 4 (3): 100357
- **A novel virtual simulation training improves providers' knowledge and confidence to manage obstetric emergencies**
  Minor, K. C., Mayo, J. A., Bianco, K., Judy, A., Abir, G., Lee, H. C., Leonard, S. A., Sie, L., Ayotte, S., Daniels, K. I.
  MOSBY-ELSEVIER.2023: S160
- **Mixed methods evaluation of simulation-based training for postpartum hemorrhage management in Guatemala.** *BMC pregnancy and childbirth*
  Parameshwar, P. S., Bianco, K., Sherwin, E. B., Meza, P. K., Tolani, A., Bates, P., Sie, L., Lopez Enriquez, A. S., Sanchez, D. E., Herrarte, E. R., Daniels, K.
  2022; 22 (1): 513
- **Changing the Landscape of Obstetric Resident Education in LMIC Using Simulation-Based Training.** *International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics*
  Meza, P. K., Bianco, K., Herrarte, E., Daniels, K.
  2020
- **Steps Toward a National Disaster Plan for Obstetrics** *OBSTETRICS AND GYNECOLOGY*
  Daniels, K., Oakeson, A. M., Hilton, G.
  2014; 124 (1): 154-158
- **Labor Room Setting Compared With the Operating Room for Simulated Perimortem Cesarean Delivery A Randomized Controlled Trial** *OBSTETRICS AND GYNECOLOGY*
  Lipman, S., Daniels, K., Cohen, S. E., Carvalho, B.
  2011; 118 (5): 1090-1094
- **Prospective Randomized Trial of Simulation Versus Didactic Teaching for Obstetrical Emergencies** *Joint Annual Meeting of the Association-of-Professors-of-Gynecology-and-Obstetrics/Council-on-Resident-Education-in-Obstetrics-and-Gynecology*
  Daniels, K., Arafeh, J., Clark, A., Waller, S., Druzin, M., Chueh, J.
  LIPPINCOTT WILLIAMS & WILKINS.2010: 40–45
- **Remote Versus In-Person Pre-Service Neonatal Resuscitation Training: A Noninferiority Randomized Controlled Trial in Ethiopia.** *Resuscitation*
  Mediratta, R. P., Clary, M. K., Liang, J. W., Daniels, K., Muhe, L. M., Lee, H. C., Eshetu, B., Berhane, M.

2025: 110556

- **In Virtual Simulation is Teaching to Fish Better Than Giving a Fish?**
  Bianco, K., Minor, K., Schaffer, K., Sei, L., Mayo, J., Leonard, S. A., Daniels, K.
  SPRINGER HEIDELBERG.2023: 215A-216A
- **What's in a Name? Enhancing Communication in the Operating Room with the Use of Names and Roles on Surgical Caps.** *Joint Commission journal on quality and patient safety*
  Brodzinsky, L. n., Crowe, S. n., Lee, H. C., Goldhaber-Fiebert, S. N., Sie, L. n., Padua, K. L., Daniels, K. n.
  2021; 47 (4): 258–64
- **Single-center task analysis and user-centered assessment of physical space impacts on emergency Cesarean delivery.** *PloS one*
  Sotto, K. T., Hedli, L. C., Sie, L., Padua, K., Yamada, N., Lee, H., Halamek, L., Daniels, K., Nathan-Roberts, D., Austin, N. S.
  2021; 16 (6): e0252888
- **A strategy for disaster preparedness in obstetrics.** *American journal of disaster medicine*
  Daniels, K., Monga, M., Gupta, S., Abir, G., Chanisse, M., Newton, C.
  2021; 16 (3): 207-213
- **Changing the Landscape of Obstetric Resident Education in LMIC Using Simulation Based Training**
  Meza, P. K., Bianco, K., Herrarte, E., Daniels, K.
  LIPPINCOTT WILLIAMS & WILKINS.2020: 80S
- **Safety and Ergonomic Challenges of Ventilating a Premature Infant During Delayed Cord Clamping** *CHILDREN-BASEL*
  Lapcharoensap, W., Cong, A., Sherman, J., Schwandt, D., Crowe, S., Daniels, K., Lee, H. C.
  2019; 6 (4)
- **Safety and Ergonomic Challenges of Ventilating a Premature Infant During Delayed Cord Clamping.** *Children (Basel, Switzerland)*
  Lapcharoensap, W. n., Cong, A. n., Sherman, J. n., Schwandt, D. n., Crowe, S. n., Daniels, K. n., Lee, H. C.
  2019; 6 (4)
- **Analyzing the heterogeneity of labor and delivery units: A quantitative analysis of space and design** *PLOS ONE*
  Austin, N., Kristensen-Cabrera, A., Sherman, J., Schwandt, D., McDonald, A., Hedli, L., Sie, L., Lipman, S., Daniels, K., Halamek, L. P., Lee, H. C.
  2018; 13 (12)
- **Development of the TeamOBS-PPH - targeting clinical performance in postpartum hemorrhage** *ACTA OBSTETRICIA ET GYNECOLOGICA SCANDINAVICA*
  Brogaard, L., Hvidman, L., Hinshaw, K., Kierkegaard, O., Manser, T., Musaeus, P., Arafeh, J., Daniels, K. I., Judy, A. E., Uldbjerg, N.
  2018; 97 (6): 677–87
- **Analyzing the heterogeneity of labor and delivery units: A quantitative analysis of space and design.** *PloS one*
  Austin, N., Kristensen-Cabrera, A., Sherman, J., Schwandt, D., McDonald, A., Hedli, L., Sie, L., Lipman, S., Daniels, K., Halamek, L. P., Lee, H. C.
  2018; 13 (12): e0209339
- **Opportunities to Foster Efficient Communication in Labor and Delivery Using Simulation.** *AJP reports*
  Daniels, K., Hamilton, C., Crowe, S., Lipman, S. S., Halamek, L. P., Lee, H. C.
  2017; 7 (1): e44-e48
- **Building Comprehensive Strategies for Obstetric Safety: Simulation Drills and Communication.** *Anesthesia and analgesia*
  Austin, N., Goldhaber-Fiebert, S., Daniels, K., Arafeh, J., Grenon, V., Welle, D., Lipman, S.
  2016; 123 (5): 1181-1190
- **Impact of the Electronic Medical Record on Nurse's Time Allocation During Cesarean**
  Tan, M., Lipman, S., Lee, H., Sie, L., Carvalho, B., Daniels, K.
  LIPPINCOTT WILLIAMS & WILKINS.2016: 154S
- **Simulation Study Assessing Healthcare Provider's Knowledge of Pre-Eclampsia and Eclampsia in a Tertiary Referral Center.** *Simulation in healthcare*
  Hilton, G., Daniels, K., Carvalho, B.
  2016; 11 (1): 25-31

- **The society for obstetric anesthesia and perinatology consensus statement on the management of cardiac arrest in pregnancy.** *Anesthesia and analgesia*
  Lipman, S., Cohen, S., Einav, S., Jeejeebhoy, F., Mhyre, J. M., Morrison, L. J., Katz, V., Tsen, L. C., Daniels, K., Halamek, L. P., Suresh, M. S., Arafeh, J., Gauthier, et al
  2014; 118 (5): 1003-1016
- **Multidisciplinary simulation drills improve efficiency of emergency medication retrieval.** *Obstetrics and gynecology*
  Daniels, K., Clark, A., Lipman, S., Puck, A., Arafeh, J., Chetty, S.
  2014; 123: 143S-4S
- **Oral misoprostol versus vaginal dinoprostone for labor induction in nulliparous women at term.** *Journal of perinatology*
  Faucett, A. M., Daniels, K., Lee, H. C., El-Sayed, Y. Y., Blumenfeld, Y. J.
  2014; 34 (2): 95-99
- **Moving forward in patient safety: Multidisciplinary team training.** *Seminars in perinatology*
  Daniels, K., Auguste, T.
  2013; 37 (3): 146-150
- **Response times for emergency cesarean delivery: use of simulation drills to assess and improve obstetric team performance** *JOURNAL OF PERINATOLOGY*
  Lipman, S. S., Carvalho, B., Cohen, S. E., Druzin, M. L., Daniels, K.
  2013; 33 (4): 259-263
- **Oral misoprostol vs vaginal dinoprostone for labor induction in nulliparous women at term**
  Faucett, A., Daniels, K., El-Sayed, Y., Lee, H., Blumenfeld, Y.
  MOSBY-ELSEVIER.2013: S53
- **Rectus muscle and visceral peritoneum closure at cesarean delivery and intraabdominal adhesions** *78th Annual Meeting of the Pacific-Coast-Obstetrical-and-Gynecological-Society*
  Lyell, D. J., Caughey, A. B., Hu, E., Blumenfeld, Y., El-Sayed, Y. Y., Daniels, K.
  MOSBY-ELSEVIER.2012
- **How we treat: transfusion medicine support of obstetric services** *TRANSFUSION*
  Goodnough, L. T., Daniels, K., Wong, A. E., Viele, M., Fontaine, M. F., Butwick, A. J.
  2011; 51 (12): 2540-2548
- **Do adhesions at repeat cesarean delay delivery of the newborn?** *31st Annual Scientific Meeting of the Society-of-Maternal-Fetal-Medicine (SMFM)*
  Greenberg, M. B., Daniels, K., Blumenfeld, Y. J., Caughey, A. B., Lyell, D. J.
  MOSBY-ELSEVIER.2011
- **The Case for OBLS: A Simulation-based Obstetric Life Support Program** *SEMINARS IN PERINATOLOGY*
  Lipman, S. S., Daniels, K. I., Arafeh, J., Halamek, L. P.
  2011; 35 (2): 74-79
- **Introduction: Simulation in the Perinatal Environment** *SEMINARS IN PERINATOLOGY*
  Sudikoff, S. N., Daniels, K. I.
  2011; 35 (2): 45–46
- **Do adhesions at repeat cesarean delay delivery of the newborn?**
  Caughey, A., Greenberg, M., Daniels, K., Blumenfeld, Y., Lyell, D.
  MOSBY-ELSEVIER.2011: S267–S268
- **Deficits in the provision of cardiopulmonary resuscitation during simulated obstetric crises** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
  Lipman, S. S., Daniels, K. I., Carvalho, B., Arafeh, J., Harney, K., Puck, A., Cohen, S. E., Druzin, M.
  2010; 203 (2)
- **Single- versus double-layer hysterotomy closure at primary caesarean delivery and bladder adhesions** *BJOG-AN INTERNATIONAL JOURNAL OF OBSTETRICS AND GYNAECOLOGY*
  Blumenfeld, Y. J., Caughey, A. B., El-Sayed, Y. Y., Daniels, K., Lyell, D. J.

2010; 117 (6): 690-694

- **Use of Simulation Based Team Training for Obstetric Crises in Resident Education** *SIMULATION IN HEALTHCARE*
  Daniels, K., Lipman, S., Harney, K., Arafeh, J., Druzin, M.
  2008; 3 (3): 154-160
- **Antibiotic prophylaxis for prevention of postpartum perineal wound complications - A randomized controlled trial** *27th Annual Meeting of the Society-of-Maternal-Fetal-Medicine*
  Duggal, N., Mercado, C., Daniels, K., Bujor, A., Caughey, A. B., El-Sayed, Y. Y.
  LIPPINCOTT WILLIAMS & WILKINS.2008: 1268–73
- **Single- vs. double-layer uterine incision closure at primary cesarean section and adhesion formation**
  Blumenfeld, Y., Caughey, A., El-Sayed, Y., Daniels, K., Lyell, D.
  MOSBY-ELSEVIER.2007: S77
- **Cesarean delivery outcomes after a prolonged second stage of labor** *27th Annual Meeting of the Society-of-Maternal-Fetal-Medicine*
  Sung, J. F., Daniels, K. I., Brodzinsky, L., El-Sayed, Y. Y., Caughey, A. B., Lyell, D. J.
  MOSBY-ELSEVIER.2007
- **Use of a community mobile health van to increase early access to prenatal care** *MATERNAL AND CHILD HEALTH JOURNAL*
  Edgerley, L. P., El-Sayed, Y. Y., Druzin, M. L., Kiernan, M., Daniels, K. I.
  2007; 11 (3): 235-239
- **Maximized learning in limited time: Using health failure modes effects analysis (HFMEA) in simulated obstetric crisis drills poor communication is the highest ranking team deficiency** *39th Annual Meeting of the Society-for-Obstetric-Anesthesia-and-Perinatology*
  Lipman, S., Daniels, K., Valdez, B., Lopez, D., Druzin, M.
  LIPPINCOTT WILLIAMS & WILKINS.2007: B13–B13
- **Cesarean delivery outcomes following prolonged second stage** *27th Annual Meeting of the Society-of-Maternal-Fetal-Medicine*
  Fu, J., Daniels, K., Brodzinsky, L., Caughey, A., Lyell, D.
  MOSBY-ELSEVIER.2006: S101–S101
- **Prophylactic antibiotics for prevention of postpartum perineal wound complications**
  Duggal, N., Mercado, C., Daniels, K., Bujor, A., Caughey, A., El-Sayed, Y.
  MOSBY-ELSEVIER.2006: S49
- **Perinatal outcomes among Asian American and Pacific Islander women** *26th Annual Meeting of the Society-for-Maternal-Fetal-Medicine*
  Rao, A. K., Daniels, K., El-Sayed, Y. Y., Moshesh, M. K., Caughey, A. B.
  MOSBY-ELSEVIER.2006: 834–38
- **Perinatal outcomes among Asian Americans/Pacific islanders** *26th Annual Meeting of the Society-for-Maternal-Fetal-Medicine*
  Rao, A. K., Daniels, K., El-Sayed, Y. Y., Moshesh, M. K., Caughey, A. B.
  MOSBY-ELSEVIER.2005: S182–S182
- **Peritoneal closure at primary cesarean delivery and adhesions** *24th Annual Meeting of the Society-for-Maternal-Fetal-Medicine*
  Lyell, D. J., Caughey, A. B., Hu, E., Daniels, K.
  LIPPINCOTT WILLIAMS & WILKINS.2005: 275–80
- **Peritoneal closure at primary cesarean section decreases adhesion formation**
  Lyell, D., Caughey, A., Hu, E., Daniels, K.
  MOSBY, INC.2003: S61