

**Kay I. Daniels, MD**  
Associate Clinical Professor  
Department of Obstetrics and Gynecology  
Stanford University Medical Center  
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**Identifying Data:**

1. Kay Ilene Daniels
2. November 6, 1953, Santa Monica, CA
3. Citizenship: US Citizen
4. Medical License: State of California 1984

**Academic History**

9/1971 – 1/1976      University of California at Santa Cruz  
Santa Cruz, California  
BA in Biology  
Graduated with Honors

9/1979 – 5/1983      University of Colorado School of Medicine  
Denver, Colorado  
Doctor of Medicine

**Post-Doctoral and Residency Training**

7/1983 – 7/1984      Kaiser Foundation Hospital  
Oakland, CA  
Internship in Obstetrics and Gynecology

7/1984 – 8/1987      Kaiser Foundation Hospital  
Oakland, CA  
Residency Training in Obstetrics and Gynecology

## **Board Eligibility or Boards Passed**

- 6/1987 Board Examination for Obstetrics and Gynecology  
Written Examination – Passed
- 12/1989 Oral Examination – Passed  
Recertification – 1997, 2003, 2004, 2005, 2006,2007

## **Employment History**

- 2/1988 – 11/1989 Redwood Medical Clinic  
Redwood City, California  
Staff Physician
- 12/1989 – 8/1990 Kaiser Foundation Hospital  
Redwood City, California  
Staff Physician
- 3/1991 – 12/1993 Mayfield Community Clinic  
Palo Alto, California  
Ob/Gyn consultant
- 9/1994 to present Stanford University Medical Center  
Palo Alto, California
- 9/1994 – 9/1999 Staff Physician/Clinical Instructor
- 1999-2004 Assistant Clinical Professor
- 9/1999 – 6/2002 Director of Low Risk Obstetrics  
Johnson Center for Pregnancy and Newborn Services  
Lucile Salter Packard Children’s Hospital
- 10/1999 – 8/2004 Medical Director of Mobile Women’s Health Care Clinic  
Mommy Van
- 9/2004 – present Director of ObSim  
Obstetrical Department  
Johnson Center for Pregnancy and Newborn services  
Chair of the L&D Safety Committee
- 2005 to present Associate Clinical Professor

## **Public and Professional Services**

Journal Reviewer

- Maternal Child Health Journal
- Simulation in Health Care

Founding member of the ACOG Simulation Consortium 2009

## **Post-Degree Honors and Awards**

Hammer Award

National Partnership for Reinventing Government

3/1991 to present    Fellow of the American Board of Obstetrics and Gynecology

8/2001                International Mobile Health Association

Society for Medical Simulation

2006 to present    Chair of the Labor and Delivery Safety Committee

2008                 American College of Obstetricians and Gynecologist/Council  
On Resident Education National Faculty Award

## **Peer Reviewed Publications**

The Child Abuse Potential inventory and pregnancy outcome in expectant adolescent mothers

Zelenko,M.,Huffman,L,William BrownJr,B,**Daniels,K.**

Lock,J,Kennedy,Q,Steiner,H.

Child Abuse and Neglect 25 (2001) 1481-1495

Closure of peritoneum and adhesion formation at time of cesarean section

Lyell, D, Hu, E **Daniels, K**

Obstetrics and Gynecology 2005 Aug; 106(2):275-80.

Perinatal Outcomes among Asian Americans/Pacific Islanders  
Anjali K. Rao, MD, MPH; **Kay Daniels, MD**; Yasser Y. El-Sayed, MD Malana K. Moshesh, MD, MPH; Aaron B. Caughey, MD, MPP, MPH  
American Journal of Obstetrics and Gynecology 2006 Sep: 195(3):834-8

Use of a Community Mobile Health Van to Increase Early Access to Prenatal Care

Laura Edgerley, Yasser El Sayed, **Kay Daniels**  
Maternal and Child Health Journal Jan 23 2007( epub)

Cesarean Delivery Outcomes following Prolonged Second Stage  
Fu,J, **Daniels K**, Brodzinsky,L, Caughey A, Lyell, D. American Journal of Obstetrics and Gynecology 2007

Development and Use of Mechanical Devices for Simulation of Seizure and Hemorrhage in Obstetrical Team Training

**Kay Daniels**, Aaron J. Parness M.S.  
Simulation in Health Care March 2008

Antibiotics Prophylaxis for Prevention of Postpartum Perineal Wound Complications: A Randomized Controlled Trial  
Neena Duggal, Celia Mercado, **Kay Daniels**, Alexandra Bujor, Aaron Caughey and Yasser El-Sayed  
Obstetrics and Gynecology June 2008

Use of Simulation Based Team Training for Obstetric Crises in Resident Education

**Kay Daniels**, Steven Lipman , Kimberly Harney , Julie Arafah RN, MSN ,Maurice Druzin  
Simulation in Health Care Vol 3 No 3 Fall 2008

## **Abstracts**

Closure of peritoneum and adhesion formation at time of cesarean section  
Lyell, D, Hu, E **Daniels, K**. Presented at the annual Society for Maternal Fetal Medicine, 2005.

Perinatal Outcomes among Asian Americans/Pacific Islanders  
Anjali K. Rao, MD, MPH; **Kay Daniels, MD**; Yasser Y. El-Sayed, MD Malana K. Moshesh, MD, MPH; Aaron B. Caughey, MD, MPP, MPH  
Presented at the annual Society for Maternal Fetal Medicine, 2006.

Cesarean Delivery Outcomes following Prolonged Second Stage  
Fu,J, **Daniels K**, Brodzinsky,L, Caughey A, Lyell, D.  
Presented at the annual Society for Maternal Fetal Medicine, 2007.

Prophylactic antibiotics for prevention of postpartum perineal wound complications.  
Neena Duggal, Celia Mercado, **Kay Daniels**, Alexandra Bujor, Aaron Caughey and Yasser El-Sayed  
Presented at the annual Society for Maternal Fetal Medicine, 2007

Using Health Failure Modes Effect Analysis ( HFMEA) to Improve Teaching and clinical Performance in Simulation-based Team Training for Obstetric Crises  
**Daniels,K**, Lipman S, Lopez,D, Valdes, B, Druzin M  
International Meeting for Medical Simulation 2007

Alternative Techniques in Resident Education: Simulation Team Training for Obstetric Crises  
**K Daniels** MD, S Lipman MD, K Harney MD, J Arafah RN, MSN, K Yaeger RN, A Puck RN, MS, M Druzin MD  
Society for Obstetrical Anesthesia and Perinatology Annual Meeting 2007

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  
Lipman S ,**Daniels,K**, Lopez,D, Valdes, B, Druzin M  
Society for Obstetrical Anesthesia and Perinatology Annual Meeting 2007

Single and Double Layer Hysterotomy Closure at Primary Cesarean Delivery and Adhesion Formation  
Y. Blumenfeld, A.B. Caughey, Y.Y.El-Sayed, **K. Daniels** , D.J. Lyell  
Presented at the Annual Society for Maternal Fetal Medicine, 2008.

### **Invited Presentations**

6/25/2006            OB simulation scenarios  
                          AWOHNN 2006 convention  
                          Baltimore, Maryland

8/25/2006            Use of Simulation in Ob/GYN  
                          Obstetrics & Gynecology: Current Controversies and Future  
                          Clinical Directions Symposium at Stanford University  
                          Palo Alto, California

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| 1/17/2007 | Ob Simulation and Risk Management<br>International Meeting on Simulation in Healthcare<br>Orlando, Florida   |
| 3/7/2007  | Ob Simulation in Medical Education<br>CREOG/APGO Annual conference<br>Salt Lake City, Utah   |
| 5/7/2007  | Use of Simulation in Ob Team Training<br>Seminars in Medical Education<br>Stanford University Medical Center<br>Palo Alto, California                  |
| 1/24/08   | Oops I did it again. Using Simulation to Train for Obstetrical<br>Crisis<br>28 <sup>th</sup> Annual MCCPOP Perinatal Potpourri<br>Monterey, California |
| 3/6/2008  | Simulation versus Traditional Training in Obstetrical Crisis<br>CREOG/APGO Annual conference<br>Orlando, Florida                                       |
| 10/30/08  | A New Training Paradigm for Labor and Delivery at LPCH<br>LPCH Leadership Forum on October 30, 2008<br>Palo Alto, California                           |
| 3/11/09   | Simulation Centers for Resident Education<br>CREOG/APGO Annual conference<br>San Diego, California   |

### **Research Support**

APGO Martin L. Stone, M.D. Fund Award 7/2005-7/2006  
 Development and Implementation Of A Novel Approach For Resident Education  
 In Obstetric Crisis Using High Fidelity Simulation Based Team Training  
 The objective of this grant is to train obstetrical teams in the management of  
 obstetrical emergencies using simulation technique.

Role: Co-investigator - Kay Daniels, MD  
 PI: Maurice L. Druzin, MD

Innovations in Patient Care Grant

5/2006-5/2007

Simulation vs Traditional Training for Obstetric Crises

The hypothesis for this study is that simulation is as effective in teaching the cognitive information required in management of obstetric crises, but more efficacious than traditional classroom lectures in teaching the behavioral, technical and communication skill-sets required in an Obstetric crisis

Role: Principal Investigator – Kay Daniels, MD

APGO Educational Grant

7/2007-7/2008

Using Simulated Maternal Cardiac Arrest to Identify Barriers to Effective Resuscitation in Obstetric Team Training

Role: Co investigator – Kay Daniels, MD

Principal Investigator: Maurice Druzin, MD