

University of California, San Francisco
CURRICULUM VITAE

Name: Eleanor A. Drey, MD, EdM

Position: Professor of Clinical Obstetrics, Gynecology & Reproductive Sciences, Step 2
Obstetrics, Gynecology & Reproductive Sciences
School of Medicine

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EDUCATION

1980 - 1985	Harvard College	B.A.	English and American Literatures and Language
1986 - 1987	Harvard Graduate School of Education	Ed.M.	Teaching and Curriculum
1992 - 1996	Harvard Medical School	M.D.	
1996 - 2000	University of California, San Francisco School of Medicine	Resident	Obstetrics, Gynecology and Repro. Sciences
2000 - 2002	University of California, San Francisco School of Medicine	Fellow	Family Planning, Clinical Care, and Research

LICENSES, CERTIFICATION

1997 Medical License

1997 Drug Enforcement Administration Registration

2003 Fellow, The American Board of Obstetrics and Gynecology

PRINCIPAL POSITIONS HELD

2001 - 2003	University of California, San Francisco	Clinical Instructor	Obstetrics, Gynecology and Reproductive Sciences
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2003 - 2007	University of California, San Francisco	Assistant Clinical Professor	Obstetrics, Gynecology and Reproductive Sciences
2007 - 2010	University of California, San Francisco	Associate Clinical Professor	Obstetrics, Gynecology and Reproductive Sciences
2010 - 2013	University of California, San Francisco	Associate Professor, Clin X	Obstetrics, Gynecology and Reproductive Sciences
2013 - present	University of California, San Francisco	Professor, Clin X	Obstetrics, Gynecology and Reproductive Sciences

OTHER POSITIONS HELD CONCURRENTLY

2001 - 2001	San Francisco General Hospital	Interim Medical Director	Women's Options Center
2002 - 2002	San Francisco General Hospital	Acting Medical Director	Obstetrics Service
2002 - 2003	San Francisco General Hospital	Acting Medical Director	Women's Options Center
2003 - present	San Francisco General Hospital	Medical Director	Women's Options Center
2017 - 2017	Zuckerberg San Francisco General	Interim Medical Director	Inpatient Obstetrics
2019 - 2019	Zuckerberg San Francisco General	Acting Division Chief	Obstetrics and Gynecology

HONORS AND AWARDS

1983	Elizabeth Cary Agassiz and John Harvard Scholarships 1983-1985	Harvard University
1984	Phi Beta Kappa	Harvard University
1996	Robert H. Ebert Prize	Harvard
1996	Cabot Primary Care Award	Harvard
1999	Medical Student Teaching Award	UCSF
1999	Medical Student Teaching Award	UCSF

2001	Alpha Omega Alpha, Elected honorary member by student AOA members	UCSF
2001	Alpha Omega Alpha, elected honorary member	UCSF
2004	Certificate of Recognition; Obstetrics, Gynecology and Reproductive Sciences	SFGH
2004	Local Hero	San Francisco Bay Guardian
2004	Champion of Choice	NARAL Pro-Choice California
2004	Hellman Family Award for Early Career faculty	UCSF
2004	Nomination, "Outstanding Women Faculty"	UCSF
2004	Nomination, "Outstanding Women Faculty"	UCSF
2005	Nomination, Essential Core Teaching Award, "Best Lecture"	UCSF Class of 2007
2005	Nomination, "Outstanding Women Faculty"	UCSF
2005	Nomination, Essential Core Teaching Award, "Best Lecture"	UCSF
2005	Nomination, "Outstanding Women Faculty"	UCSF
2006	Nomination, "Outstanding Women Faculty"	UCSF
2006	Nomination, "Kaiser Award for Excellence in Teaching"	Kaiser
2006	Nomination, "Innovative Teaching"	UCSF Class of 2008
2006	Nomination, "Kaiser Award for Excellence in Teaching"	UCSF
2006	Nomination, "Innovative Teaching"	UCSF
2006	Nomination, "Outstanding Women Faculty"	UCSF
2008	Nomination, "Essential Core Teaching Award for Inspirational Teacher"	UCSF Class of 2010
2008	Nomination, "Outstanding Women Faculty"	UCSF

2008	Reproductive Health Leadership Award: Women's Options Center, SFGH	ACCESS Women's Health Rights Coalition
2008	Nomination, "Kaiser Award for Excellence in Teaching in the Classroom Setting"	UCSF
2008	Nomination, UCSF's AOA chapter, class of 2009	Alpha Omega Alpha Honor Medical Society
2008	Nomination, "Essential Core Teaching Award for Inspirational Teacher"	UCSF
2008	Nomination, "Kaiser Award for Excellence in Teaching in the Classroom Setting"	UCSF
2008	Nomination, "Outstanding Women Faculty"	UCSF
2008	Nomination, AOA chapter, class of 2009	UCSF
2009	Outstanding Resident Teaching Award	UCSF
2009	Outstanding Resident Teaching Award	UCSF
2010	Excellence in Teaching Award in Medical Education	The Haile T. Debas Academy of Medical Educators
2010	Outstanding Scientific paper at NAF's 34th Annual Meeting--Senior author	National Abortion Federation
2010	Outstanding Medical Student Teaching Award	UCSF OB/Gyn
2010	Excellence in Teaching Award in Medical Education	UCSF
2010	Outstanding Medical Student Teaching Award	UCSF
2011	George Tiller, MD, Abortion Provider Award	Physicians for Reproductive Choice and Health
2011	Outstanding Medical Student Teaching Award	UCSF OB/Gyn
2011	Outstanding Medical Student Teaching Award	UCSF
2012	UCSF/SFGH OB-Gyn Faculty Award	UCSF OB/Gyn Residents
2012	ACOG CREOG National Faculty Award	UCSF OB/Gyn Residents
2012	Outstanding Resident Teaching Award	UCSF

2012	ACCESS to Justice Award	ACCESS: Women's Health Justice
2012	UCSF/SFGH OB-Gyn Faculty Award	UCSF
2012	ACOG CREOG National Faculty Award	
2012	Outstanding Resident Teaching Award	UCSF
2013	Outstanding Resident Teaching Award	UCSF
2013	Exceptional Faculty Award in Medical Student Teaching	UCSF
2013	Outstanding Resident Teaching Award	UCSF
2013	Exceptional Faculty Award in Medical Student Teaching	UCSF
2014	Award for Excellence in Teaching, Clinical Faculty	UCSF Class of 2014
2014	Outstanding Resident Teaching Award	UCSF
2014	Exceptional Faculty Award in Medical Student Teaching	UCSF
2014	Award for Excellence in Teaching, Clinical Faculty, UCSF Class of 2014	
2014	Outstanding Resident Teaching Award	UCSF
2014	Exceptional Faculty Award in Medical Student Teaching	UCSF
2015	Outstanding Resident Teaching Award	UCSF
2015	Exceptional Faculty Award in Medical Student Teaching	UCSF
2015	Robert Lull, MD, Non-Internal Medicine Consultant Award, Nominee	UCSF Department of Medicine
2015	Outstanding Resident Teaching Award	UCSF
2015	Exceptional Faculty Award in Medical Student Teaching	UCSF
2015	APGO Excellence in Teaching Award	Association of Professors of Gynecology and Obstetrics
2016	Outstanding Resident Teaching Award	UCSF
2016	Exceptional Faculty Award in Medical Student Teaching	UCSF
2017	Outstanding Resident Teaching Award	UCSF
2017	Exceptional Faculty Award in Medical Student Teaching	UCSF

2018	Outstanding Resident Teaching Award	UCSF
2018	Exceptional Faculty Award in Medical Student Teaching	UCSF
2019	Dedication to Providing Student Feedback Award	UCSF
2019	Exceptional Faculty Award in Medical Student Teaching	UCSF

KEYWORDS/AREAS OF INTEREST

Abortion, Therapeutic; Abortion, Induced; Misoprostol; Intrauterine Devices; Sexually Transmitted Diseases; Contraception; Cervical Ripening; Risk Behaviors; Uterine Artery Embolization; Contraception; Family Planning

CLINICAL ACTIVITIES

CLINICAL ACTIVITIES SUMMARY

Since I became the Medical Director of the SFGH Women's Options Center, I have worked to maintain and increase the number of abortions we provide, which has allowed us to increase the number of residents and students we train. I also have worked to keep California providers aware of their larger legal context by helping found and maintain the California Alliance for Abortion Care, which organizes meetings between lawyers, advocates and clinicians. To be sure that community providers were aware that we have continued to offer second-trimester surgical abortions despite the ban, I have sent mailings describing our clinic's services. With the gap in later abortion provision that occurred after the murder of Dr. George Tiller and the closure of his Wichita clinic, we increased our provision of induction terminations for patients faced with lethal fetal anomalies or with serious maternal health compromise complicating pregnancy. Improving our provision of these highly sensitive services has required close cooperation between multiple hospital departments and services, including Birth Center nursing, Pediatrics, Pathology, Sojourn Chaplaincy, Pharmacy, the Birth and Death Registries and the Ethics Committee. I also have worked to increase our referrals from organizations such as the National Abortion Federation and from genetics counselors and perinatologists. In addition, we have strengthened our available services to assist patients with emotional and spiritual support.

Under my leadership, we have updated all of the Women's Options Center's documentation, consent, education, billing forms, and medication orders. This has increased the accuracy and completeness of our documentation, while improving clinic efficiency. We also have strengthened our documentation and protocols for induction terminations, which has improved the ability to care for these patients sensitively and safely both in the Women's Options Center and in the Birth Center. To improve nurses' understanding of the factors leading to later abortion and thus their empathy with patients needing those services, along with reviewing the updated induction termination protocol, I co-led three Annual Update sessions for Birth Center nurses. I also helped lead implementation of our clinic's adoption of the e-Clinical Works electronic medical record (eCW) and currently am helping lead our transition to the EPIC EMR. In addition to the days when I am scheduled to attend in the Women's Options Center, I frequently am called in to assist with challenging abortions, difficult ultrasounds or osmotic dilator placement cases, very young teenagers, medically complex patients, patients with fetal

anomalies or patients who are turned away from care because they are beyond the clinic's gestational limit.

I have helped the Women's Options Center build and strengthen relationships with key hospital departments involved in emergency care. We have streamlined processes and improved communication between the Women's Options Center and Anesthesia, the Medical Emergency Response Team, Interventional Radiology, the Operating Room and its Recovery Room. With these strengthened relationships, staff are proud of their skills assisting our patients during emergencies. I helped ensure that we could maintain safe abortion care provision in the Women's Options Center after most inpatient and operative services had moved into the new hospital building.

PROFESSIONAL ACTIVITIES

MEMBERSHIPS

- 2000 - present American College of Obstetricians and Gynecologists
- 2000 - present Physicians for Reproductive Health
- 2002 - present National Abortion Federation
- 2002 - 2019 Association of Reproductive Health Professionals
- 2006 - present Society of Family Planning
- 2019 - present American Medical Association

SERVICE TO PROFESSIONAL ORGANIZATIONS

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|-------------|---|-----------------|
| 2009 - 2009 | The safety and efficacy of digoxin as a fetocidal agent prior to second-trimester abortion by D&E, Society of Family Planning | Discussant |
| 2010 - 2010 | Site evaluation, Oregon Health Sciences University, Fellowship in Family Planning | Evaluator |
| 2012 - 2012 | Site evaluation, Washington University, Fellowship in Family Planning | Evaluator |
| 2012 - 2012 | Site assessment, University of Hawai'i, Fellowship in Family Planning | Evaluator |
| 2013 - 2013 | Site assessment, Stanford University, Fellowship in Family Planning | Evaluator |
| 2014 - 2014 | Site assessment, UCLA, Fellowship in Family Planning | Evaluator |
| 2016 - 2017 | San Francisco Gynecology Society | President Elect |
| 2017 - 2018 | San Francisco Gynecology Society | President |

SERVICE TO PROFESSIONAL PUBLICATIONS

- 2001 - present Obstetrics and Gynecology, ten papers, ad-hoc reviewer
- 2003 - 2003 Journal of Obstetrical Anesthesia, one paper, ad-hoc reviewer

- 2005 - present Contraception, 25 papers, ad-hoc reviewer
- 2008 - 2008 Reproductive Health Matters, one paper, ad-hoc reviewer
- 2011 - 2011 Journal of Perinatology, two papers, ad-hoc reviewer

INVITED PRESENTATIONS - INTERNATIONAL

- 2002 Grand Rounds, Medical Abortion, University of Cape Town, Cape Town, South Africa
- 2002 Grand Rounds, University of Stellenbosch, Cape Town, South Africa
- 2002 Invited Lecture, Second-trimester surgical abortion, University of Cape Town Obstetrics and Gynecology residency, South Africa
- 2002 Invited Lecture, Evidence-based practices for dilation and evacuation, Marie Stopes--United Kingdom, London, England
- 2003 Invited Lecture, Medical abortion and the primary care physician: Exploring the possibilities, Society for General Internal Medicine Annual Conference, Vancouver, BC
- 2003 Invited Lecture, Update in contraceptive technology, Society for General Internal Medicine Annual Conference, Vancouver, BC
- 2004 Plenary Presentation, Professionalism and humanism, Vietnam Medical School Deans at UCSF, San Francisco, CA
- 2004 Invited Lecture, Pre- and post-abortion education and contraception, Vietnam Medical School Deans at UCSF, San Francisco, CA
- 2004 Invited Lecture, Why we do and how we teach what we do: the evidence for 2nd-trimester surgical abortion, Vietnam Medical School Deans at UCSF, San Francisco, CA
- 2004 Demonstrator, 2nd-trimester pre-operative evaluation and procedures, Vietnam Medical School Deans at UCSF, San Francisco, CA
- 2004 Invited Lecture, Abortion training at UCSF: A model for training students and residents, Vietnam Medical School Deans at UCSF, San Francisco, CA
- 2004 Invited Lecture, 1st- and 2nd-trimester abortion: An overview of abortion care in the U.S., Vietnam Medical School Deans at UCSF, San Francisco, CA
- 2005 Invited Lecture, Fetal pain, National Abortion Federation Annual Meeting, Montreal, Quebec, Canada

- 2005 Invited Lecture, Why women have abortions, International Family Planning Leadership Program, San Francisco, CA
- 2005 Invited Lecture, Abortion counseling, International Family Planning Leadership Program, San Francisco, CA
- 2005 Invited Lecture, Manual uterine aspiration and post-abortion contraception, International Family Planning Leadership Program, San Francisco, CA
- 2005 Invited Lecture, 1st- and 2nd-trimester abortion: An overview of abortion care in the U.S., Vietnam Medical School Deans at UCSF, San Francisco, CA
- 2005 Invited Lecture, Abortion training at UCSF: A model for training students and residents, Vietnam Medical School Deans at UCSF, San Francisco, CA
- 2007 Invited Lecture, Clinical implications of Gonzalez vs. Carhart, National Abortion Federation Risk Management, Victoria, British Columbia, Canada
- 2007 Invited Lecture, Clinical approaches to expanding second-trimester abortion services, National Abortion Federation Risk Management, Victoria, British Columbia, Canada
- 2008 Invited Lecture, Issues in second-trimester surgical abortion, Future of Abortion: Controversies and Care; British Pregnancy Advisory Service, London, England
- 2008 Invited Lecture, Abortion training and service delivery in a public hospital, Mexico City Public Health Delegation, San Francisco, CA
- 2012 Invited Panelist, Experiences from the Turnaway Study, National Abortion Federation Annual Meeting, Vancouver, British Columbia, Canada
- 2012 Panel Organizer and Lecturer, Induction termination abortion: Lessons learned from a "D&E-centric clinic," National Abortion Federation Annual Meeting, Vancouver, British Columbia, Canada
- 2012 Invited Lecture/Panelist, Myth vs. fact: Debunking myths about abortion, National Abortion Federation Congress, Mexico City, Mexico
- 2012 Invited Lecture, Patients' preferences for surgical abortion vs. medical induction, National Abortion Federation Congress, Mexico City, Mexico
- 2012 Invited Lecture/Panelist, Pain management in second-trimester surgical abortion, National Abortion Federation Congress, Mexico City, Mexico

2017 Invited Lecture/Panelist, Trauma-informed pelvic exam,
National Abortion Federation Annual Clinical Meeting,
Montreal, Canada

INVITED PRESENTATIONS - NATIONAL

2002 Seminar, What's law got to do with it? Abortion in South
Africa, UCSF Center for Reproductive Health Research and
Policy, San Francisco, CA

2002 Seminar, What's law got to do with it? Abortion in South
Africa, UCSF International Family Planning Group, San
Francisco, CA

2002 Seminar, What's law got to do with it? Abortion in South
Africa, UC, Berkeley School of Public Health Reproductive
Health Elective , San Francisco, CA

2003 Invited Lecture, Medical abortion: From theory to practice,
Brown Medical School, Providence, RI

2003 Invited Lecture, Pain relief in abortion, ACOG Annual
Conference, New Orleans, LA

2003 Invited Lecture, Surgical and medical abortion: Update for
psychiatrists, American Psychiatric Association Annual
Conference, San Francisco, CA

2003 Invited Lecture, Issues in second-trimester abortion, Medical
Students for Choice Western Regional Conference, Davis,
CA

2003 Invited Lecture, Abortion providers panel, Medical Students
for Choice Western Regional Conference, Davis, CA

2004 Invited Lecture, Issues in second-trimester abortion, Medical
Students for Choice national conference, New Orleans, LA

2004 Invited Lecture, Abortion providers' perspectives, Medical
Students for Choice national conference, New Orleans, LA

2004 Grand Rounds, Laminaria vs. misoprostol before early
second-trimester abortion, National Abortion Federation,
New Orleans, LA

2004 Invited Lecture, Vaginal misoprostol versus laminaria for
cervical ripening before early second-trimester abortion,
National Abortion Federation annual conference, New
Orleans, LA

2005 Invited Lecture, Past, promise and peril of reproductive
freedom, Commentator at Sarah Weddington, lecture
sponsored by UCSF Students for Choice, San Francisco,
CA

- 2005 Seminar, Immediate post-abortion insertion of intrauterine contraception, ACOG ACM luncheon session
- 2005 Seminar, Tips for your first deposition (or how to take your oral boards under oath), ACOG ACM luncheon session
- 2005 Invited Lecture, Overview of legal issues affecting abortion provision: A provider's perspective, Law Students for Choice national summer intern orientation, San Francisco, CA
- 2005 Invited Lecture, The importance of being a loud physician, Medical Students for Choice national leadership conference, Denver, CO
- 2005 Invited Lecture, What's new(s) in OB-Gyn: What the psychiatrist needs to know, American Psychiatric Association Institute on Psychiatric Services conference, San Diego, CA
- 2006 Invited Lecture, A new look at post-abortion IUC insertion, Association of Reproductive Health Professionals, San Diego, CA
- 2006 Invited Lecture, A new look at post-abortion IUC insertion, Association of Reproductive Health Professionals, San Diego, CA
- 2007 Conference Call Invited Speaker, Update on the Federal Abortion Ban, National Sexuality Resource Center, San Francisco, CA
- 2007 Invited Lecture, Overview of legal issues affecting abortion provision: a provider's perspective, Law Students for Choice national summer intern orientation, San Francisco, CA
- 2007 Invited Lecture, Abortion training at UCSF, Ryan Residency Training Program, San Francisco, CA
- 2007 Invited Lecture, Clinical and policy update on abortion, Association of Reproductive Health Professionals, Minneapolis, MN
- 2007 Plenary Presentation, Clinical implications of Gonzalez vs. Carhart, Association of Reproductive Health Professionals, Minneapolis, MN
- 2008 Invited Lecture, Surveying the landscape: The Ban's impact on medical practice, Brooklyn School of Law, Brooklyn, NY
- 2008 Invited Lecture, Post-abortion intrauterine contraception insertion, National Abortion Federation Annual Meeting, Minneapolis, MN

- 2008 Invited Lecture, Intrauterine contraception at a high-uptake abortion clinic, Fellowship in Family Planning Annual Meeting, New Orleans, LA
- 2008 Invited Lecture, The providers' world after Gonzalez vs. Carhart: Evidence vs. practice, Fellowship in Family Planning Annual Meeting, New Orleans, LA
- 2008 Invited Lecture, Building a Ryan Program, Ryan Residency Training Program, San Francisco, CA
- 2009 Panelist, Future of second-trimester abortion provision, National Abortion Federation Annual Meeting, Portland, OR
- 2009 Invited Lecture, Clinical aspects of second-trimester abortion, Fellowship in Family Planning Symposium, Chicago, IL
- 2009 Invited Lecture, Resident training in second-trimester abortion, Ryan Residency Training Program Annual Meeting, Chicago, IL
- 2009 Invited Lecture, Abortion training at UCSF: The SFGH model, Ryan Residency Training Program, San Francisco, CA
- 2010 Invited Lecture, Second-trimester abortion training: Challenges and rewards, National Abortion Federation Annual Meeting, Philadelphia, PA
- 2010 Invited Lecture, Recapturing the moral ground in abortion work: Resurrecting our moral center, National Abortion Federation Annual Meeting, Philadelphia, PA
- 2010 Seminar, Respondent to first-year Fellows' research presentations, Fellowship in Family Planning, San Francisco, CA
- 2010 Invited Lecture, LARC in a high uptake clinic, Ryan Training Program Annual Meeting, San Francisco, CA
- 2010 Invited Lecture, How research informs clinical practice, Reproductive Health 2010, Atlanta, GA
- 2010 Invited Lecture, Providers' insights, Access to later abortion: Why we care and what we can do about it?: A leadership forum on later abortion sponsored by Catholics for Choice and UCSF's ANSIRH, Washington, DC
- 2010 Invited Lecture, When might a fetus feel pain and what should we do about it?, Open hearts, open minds and fair-minded words: A conference on life and choice in the abortion debate, Princeton, NJ

- 2011 Invited Lecture, Difficult conversations: Discussing pregnancy options in patients with fetal and/or maternal health considerations, Perinatal Palliative Care Conference, San Francisco, CA
- 2011 Invited Lecture, Abortion training at UCSF: The SFGH model, Ryan Residency Training Program, San Francisco, CA
- 2011 Invited Lecture, Top tier contraception, Contraceptive Technology, San Francisco, CA
- 2012 Invited Lecture/Panelist, Definitions of viability and appropriate medical care: Clinical, legal and legislative decisions for treating extremely premature infants, Pediatric Academic Society, Boston, MA
- 2012 Invited Lecture, Abortion training at UCSF: The SFGH model, Ryan Residency Training Program, San Francisco, CA
- 2012 Invited Lecture/Panelist, How research can inform policies, procedures, guidelines, and/or best practices and the linkages between clinical and social science research, SFP Career Development Seminar, Denver, CO
- 2012 Invited Panelist, Difficult surgical abortion cases, North American Forum on Family Planning, Denver, CO
- 2012 Invited Lecture/Panelist, Second-trimester abortion: New technologies and new threats to access in the US and abroad, Medical Students for Choice Conference on Family Planning, St. Louis, MO
- 2012 Panelist, How late is too late? A discussion of gestational age limits, Medical Students for Choice Conference on Family Planning, St. Louis, MO
- 2012 Panelist, Practitioners' perspectives panel, Medical Students for Choice Conference on Family Planning, St. Louis, MO
- 2013 Invited Lecture, Abortion training at UCSF: The SFGH model, Ryan Residency Training Program, San Francisco, CA
- 2014 Invited Lecture, Fetal injections: Why others do and why we (mainly) don't, Fellowship for Family Planning Annual Meeting, Chicago, IL
- 2014 Invited Lecture, Abortion training at UCSF: The SFGH model, Ryan Residency Training Program, San Francisco, CA

- 2014 Speaking about 2nd-tri's: The perils, the pitfalls and the point, National Abortion Federation Annual Meeting, San Francisco, CA
- 2015 Invited Lecture, Abortion training at UCSF: The SFGH model, Ryan Residency Training Program, San Francisco, CA
- 2015 Panelist, The emotional aspects of surgical complications, Fellowship in Family Planning Psychosocial Workshop, San Francisco, CA
- 2016 Panelist, Cervical preparation before second-trimester abortion, Forum in Family Planning, Denver, CO
- 2016 Invited Lecture, Abortion training at UCSF: The SFGH model, Ryan Residency Training Program, San Francisco, CA
- 2016 Panelist, Legal issues in second-trimester abortion, National Abortion Federation Annual Meeting, Austin, TX
- 2017 Invited Lecture, Abortion training at UCSF: The SFGH model, Ryan Residency Training Program, San Francisco, CA
- 2018 Panelist, Helping bring on board learners in a busy academic abortion clinic, National Abortion Federation Annual Meeting, Seattle, WA
- 2018 Invited Lecture, Abortion training at UCSF: The SFGH model, Ryan Residency Training Program, San Francisco, CA

INVITED PRESENTATIONS - REGIONAL AND OTHER INVITED PRESENTATIONS

- 1998 Grand Rounds, Case presentation, ethics grand rounds, UCSF, San Francisco, CA
- 1999 Grand Rounds, Safety of intra-amniotic digoxin before late second-trimester dilation and evacuation, UCSF Resident Research Day, San Francisco, CA
- 2001 Grand Rounds, Second-trimester abortion: Politics and practice, UCSF, San Francisco, CA
- 2001 Invited Lecture, Second-trimester abortion: Politics and practice, Santa Clara Valley Hospital, Santa Clara, CA
- 2001 In-Service, Contraception Update, Women's Options Center, San Francisco, CA
- 2001 Invited Lecture, Contraception Update, Issues in College Health, San Francisco State University, San Francisco, CA

- 2001 Plenary Presentation, The medical significance of late abortion, UCSF Medical Students for Choice, San Francisco, CA
- 2001 Plenary Presentation, Reasons for delayed presentation for abortion, UCSF Medical Students for Choice, San Francisco, CA
- 2002 Invited Lecture, Contraception Update, SFGH Family Practice Residency, San Francisco, CA
- 2002 Invited Lecture, Contraception Update, City Clinic (San Francisco Department of Public Health), San Francisco, CA
- 2002 Seminar, What's law got to do with it? Abortion in South Africa, UCSF Center for Reproductive Health Research and Policy, San Francisco, CA
- 2002 Seminar, What's law got to do with it? Abortion in South Africa, UCSF International Family Planning Group, San Francisco, CA
- 2002 Seminar, What's law got to do with it? Abortion in South Africa, UC, Berkeley School of Public Health Reproductive Health Elective, San Francisco, CA
- 2002 Invited Lecture, Contraception update, UCSF Certified Nurse Midwives Students, San Francisco, CA
- 2002 Plenary Presentation, The basics of medical and surgical abortion, UCSF Medical Students for Choice, San Francisco, CA
- 2003 Invited Lecture, Obstetric Emergencies, UCSF Certified Nurse Midwives Students, San Francisco, CA
- 2003 Invited Lecture, Medical and Surgical Abortion, UCSF Certified Nurse Midwives Students, San Francisco, CA
- 2003 Plenary Presentation, International Family Planning Work, UCSF International Health Student Interest Group, San Francisco, CA
- 2003 Grand Rounds, Post-abortion insertion of intrauterine devices: A review of the evidence and of the experience at San Francisco General Hospital, UCSF, San Francisco, CA
- 2003 Invited Lecture, What every doctor should know: A roundtable about new legislation regarding so-called 'Partial Birth Abortion,' Physicians for Reproductive Choice and Health, Oakland, CA
- 2004 Invited Lecture, Office gynecology skills, SFGH Obstetrics and Gynecology Core Rotation, San Francisco, CA

- 2004 Invited Lecture, JANE: Abortion and the underground, Planned Parenthood Golden Gate, San Francisco, CA
- 2004 Invited Lecture, Manual Vacuum Aspiration-the basics, Department of Obstetrics and Gynecology, Kaiser, San Francisco, CA
- 2004 Invited Lecture, Your reproductive rights are on the line, Stanford Students for Choice, Stanford, CA
- 2004 Seminar, Tips for your first deposition (or how to take your oral boards under oath), UCSF, San Francisco, CA
- 2004 Invited Lecture, Partial birth abortion ban, School of Law, University of San Francisco, San Francisco, CA
- 2004 Invited Lecture, Integrating training and mentoring residents, Ryan Family Planning Fellowship, San Francisco, CA
- 2005 Invited Lecture, Fetal pain, ANSIRH Circle, San Francisco, CA
- 2005 Invited Lecture, Integrating training and mentoring residents, Ryan Family Planning Fellowship, San Francisco, CA
- 2005 Invited Lecture, Manual vacuum aspiration for first-trimester abortion, Kaiser Alameda and Oakland resident in-service lecture and practicum, Oakland, CA
- 2005 Invited Lecture, 1st- and 2nd-trimester abortion: An overview of abortion care in the U.S., UCSF, Vietnam Medical School Deans, San Francisco, CA
- 2005 Invited Lecture, Abortion training at UCSF: A model for training students and residents, UCSF, Vietnam Medical School Deans, San Francisco, CA
- 2006 Invited Lecture, The last abortion clinic, ACCESS, San Francisco, CA
- 2006 Grand Rounds, Management of early pregnancy loss, Highland Hospital OB-Gyn Department, Oakland, CA
- 2006 Invited Lecture, Abortion providers panel, UC Davis Medical School, Davis, CA
- 2006 Invited Lecture, Family PACT providers' IUC knowledge, attitudes and practice, Family PACT Clinical Practice Committee, Sacramento, CA
- 2006 Invited Lecture, Why I'm an OB-Gyn, UCSF Women's Health Interest Group, San Francisco, CA
- 2007 OB-Gyn Information Table, Medical Student Career Fair, UCSF Medical School, San Francisco, CA

- 2007 Invited Lecture, Clinical implications of Gonzalez vs. Carhart, UCSF abortion interest group, San Francisco, CA
- 2007 Grand Rounds, Legal and clinical implications of the Supreme Court's "Partial Birth Abortion" decision, UCSF, San Francisco, CA
- 2007 Invited Lecture, Legal and clinical implications of the Supreme Court's "Partial Birth Abortion" decision, UCSF Medical Students for Choice, San Francisco, CA
- 2007 Invited Lecture, Back to the future? The Supreme Court upholds a criminal abortion law, American Constitution Society, American Civil Liberties Union, San Francisco, CA
- 2007 Invited Lecture, Clinical implications of Gonzalez vs. Carhart, ACCESS, San Francisco, CA
- 2007 Invited Lecture, Clinical implications of Gonzalez vs. Carhart, California Women's Foundation, San Francisco, CA
- 2007 Invited Lecture, Legal and clinical implications of the Supreme Court's "Partial Birth Abortion" decision, Reproductive Rights Coalition of Monterey County, Monterey School of Law, Monterey, CA
- 2007 Invited Lecture, Clinical implications of Gonzalez vs. Carhart, Hastings School of Law, University of California, San Francisco, CA
- 2007 Invited Lecture, Clinical implications of Gonzalez vs. Carhart, American Medical Students Association, San Francisco, CA
- 2007 Invited Lecture, Making reproductive justice a reality: Abortion access in California, American Medical Students Association, San Francisco, CA
- 2008 Invited Lecture, Abnormal placentation and post-abortion hemorrhage, SFGH PACU nurses annual update, San Francisco, CA
- 2008 Seminar, Implanon training, Family Medicine Residency, San Francisco, CA
- 2008 Seminar, Implanon training, UCSF OB-Gyn Residency, San Francisco, CA
- 2008 Invited Lecture, San Francisco General and the "Partial Birth Abortion Ban," San Francisco City Attorney's Office Summer Clerkship, San Francisco, CA
- 2008 Seminar, Implanon training, UCSF OB-Gyn Residency, San Francisco, CA

- 2008 Seminar, Implanon training, UCSF OB-Gyn Residency, San Francisco, CA
- 2008 In-service, Fetal pain, Women's Options Center staff, San Francisco, CA
- 2009 Panelist, Challenges to abortion access, Medical Students for Choice Western conference, Portland, OR
- 2009 Seminar, Implanon training, Santa Rosa Family Practice Residency, Santa Rosa, CA
- 2009 Seminar, Implanon training, San Francisco General Hospital Family Medicine and OB-Gyn Residencies, San Francisco, CA
- 2009 Seminar, Implanon training, OB-Gyn Residency, Family Planning fellows, SFGH practitioners, San Francisco, CA
- 2010 Grand Rounds, Lessons we have learned: The legacy of Dr. George Tiller, San Francisco, CA
- 2010 Seminar, Implanon training, UCSF OB-Gyn and Family Medicine Residencies, San Francisco, CA
- 2011 Recovering post-abortion patients: An in-service for SFGH PACU nurses, San Francisco, CA
- 2011 Invited Keynote Lecture, The importance of being a loud physician, Medical Students for Choice Western Regional Conference, San Francisco, CA
- 2011 Seminar, Implanon training, UCSF OB-Gyn and Family Medicine Residencies, San Francisco, CA
- 2012 In-service, Counseling for induction termination, Women's Options Center staff and Fellowship for Family Planning fellows, San Francisco, CA
- 2012 Small group leader, One path to becoming an abortion provider, Medical Students for Choice summer externs, San Francisco, CA
- 2012 In-service, Technical aspects of induction termination, Women's Options Center staff, San Francisco, CA
- 2012 Seminar, The providers' world after Gonzales vs. Carhart: PBA and its relation to feticide, Family Planning Fellowship Works-in-progress, San Francisco, CA
- 2012 Panelist, Safer abortion in low-resource settings, UCSF Bixby Center for Global Reproductive Health Annual Symposium, San Francisco, CA

- 2013 Seminar, Feticidal injections, Family Planning Fellowship Works-in-progress, San Francisco, CA
- 2014 Seminar, Feticidal injections: the whys and hows, Family Planning Fellowship Works-in-progress, San Francisco, CA
- 2014 Seminar, Dialogue on viability, Abortion Discussion Group, San Francisco, CA
- 2015 Annual update, ZSFG Birth Center nurses, Induction termination, San Francisco, CA
- 2016 Panelist, Optimizing cervical preparation before second-trimester D&E, California Alliance for Abortion Care, San Francisco, CA
- 2016 Pediatrics Grand Rounds, ZSFG, Women's Options Center overview, San Francisco, CA

CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT ACTIVITIES

- 2002 25th Annual OB/GYN Review Course, Costa Mesa, CA
- 2002 Post Graduate Seminar, San Jose, CA
- 2003 Post Graduate Seminar, Seattle, WA
- 2003 30 Years of Legal Abortion: Honoring the Past, Protecting the Future, Seattle, WA
- 2003 Berlex Foundation Faculty Development Course, Captiva Island, FL
- 2004 Navigating the Barriers: Abortion Care in 2004 and Beyond, New Orleans, LA
- 2004 Post Graduate Seminar: Clinical Issues in Abortion Care, New Orleans, LA
- 2004 Bringing Science to the Debate, New York, NY
- 2004 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, San Francisco, CA
- 2004 Pain Management, San Francisco, CA
- 2005 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, San Francisco, CA
- 2005 NAF's 29th Annual Meeting--Coming Together: Science, Politics, and Ethics, Montreal, Quebec, Canada
- 2005 Palliative Care, San Francisco, CA
- 2006 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, San Francisco, CA
- 2006 Risk Management Seminar, Palm Beach, FL
- 2006 AMA Pain Management, San Francisco, CA

2006 Reproductive Health 2006, La Jolla, CA

2007 Annual Board Certification, San Francisco, CA

2007 Reproductive Health 2007, Minneapolis, MN

2007 NAF's Risk Management Seminar, Victoria, British Columbia, Canada

2007 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, San Francisco, CA

2007 Maintenance of Certification, Part II-ABC examination, On line

2007 NAF's 31st Annual Meeting--The NAF Community: Lighting the Way, Boston, MA

2008 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, San Francisco, CA

2008 Maintenance of Certification, Part II-ABC examination, On line

2008 NAF's 32nd Annual Meeting--Protecting Abortion, Saving Lives, Minneapolis, MN

2009 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, San Francisco, CA

2009 Maintenance of Certification, Part II-ABC examination, On line

2009 NAF's 2009 Risk Management Seminar, Denver, CO

2009 NAF's 33rd Annual Meeting--Reaching New Heights in Reproductive Health, Portland, OR

2010 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, San Francisco, CA

2010 Maintenance of Certification, Part II-ABC examination, On line

2010 NAF's 34th Annual Meeting--Liberty, Justice and Abortion, Philadelphia, PA

2010 Primary Care Medicine: Concepts and Controversies, Puerto Vallarta, Mexico

2011 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, San Francisco, CA

2011 Maintenance of Certification, Part II-ABC examination, On line

2012 NAF's 35th Annual Meeting, Vancouver, British Columbia, Canada

2012 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, San Francisco, CA

2012 Maintenance of Certification, Part II-ABC examination, On line

2012 NAF 2012 Congress, Mexico City, Mexico

2012 North American Forum on Family Planning, Denver, CO

- 2013 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences
Grand Rounds, San Francisco, CA
- 2013 Maintenance of Certification, Part II-ABC examination, On line
- 2013 North American Forum on Family Planning, Seattle, WA
- 2013 NAF's 36th Annual Meeting, New York, NY
- 2014 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences
Grand Rounds, San Francisco, CA
- 2014 Maintenance of Certification, Part II-ABC examination, On line; Part III,
Assessment of Knowledge, Judgment and Skills, passed
- 2014 North American Forum on Family Planning, Miami, FL
- 2014 NAF's 37th Annual Meeting, San Francisco, CA
- 2015 UCSF Department of Obstetrics, Gynecology and Reproductive Sciences
Grand Rounds, San Francisco, CA
- 2015 NAF's 38th Annual Meeting, Baltimore, MD

GOVERNMENT AND OTHER PROFESSIONAL SERVICE

- | | | |
|-------------|---|---|
| 2003 - 2003 | National Institute of Health | Speaker, Physical Disabilities Through the Lifespan Conference, |
| 2010 - 2010 | Working group on defining fetal viability, ANSIRH | Member |
| 2012 - 2012 | Advisory group about health impact of restrictions in abortion coverage for patients with managed care Medi-Cal | Speaker and participant |

UNIVERSITY AND PUBLIC SERVICE

SERVICE ACTIVITIES SUMMARY

Much of my service centers around lectures, where I am asked to provide an evidence-based perspective that is informed by my active role as a clinician. I speak to a wide variety of audiences in a range of settings, from in-services for the SFGH operating room and Birth Center staff members to continuing medical education for international organizations. I am an active participant in many hospital committees, along with the OB-Gyn Department's Residency Council. I also speak with the press about family planning issues. In addition, I have traveled to Sacramento to advise legislators and state government workers about family planning issues. I have been asked to assess the adequacy of Family Planning Fellowship current and future training sites. I helped found and am one of the principal organizers of the California Alliance for Abortion Care, a statewide organization of physicians, lawyers and advocates that meets annually to learn about changes in law and policy that could affect abortion provision and access to later abortion services in California and nationally.

UCSF CAMPUSWIDE

2002 - 2003	SFGH Mother-Baby Task Force	Member
2003 - 2004	SFGH Rebuild Combined Advisory Committee	Member
2003 - 2004	SFGH Moderate Sedation Committee	Member
2003 - present	SFGH Operating Room Committee	Member
2005 - present	SFGH Obstetrics Volume Committee	Member
2006 - present	SFGH OB-GYN Quality Improvement Committee	Member
2007 - present	SFGH OB-Gyn Research Committee	Member
2007 - present	SFGH Ethics Committee	Member
2009 - present	SFGH Procedural Sedation Committee	Member
2010 - present	SFGH Hospital Rebuild Advisory Working Group	Member
2011 - 2012	SFGH OB-Gyn/Peds Volume and Quality Improvement Working Group	Member
2015 - 2016	SFGH Baby Safety Committee	Member

SCHOOL OF MEDICINE

2004 - 2007	Executive Committee, Center for Reproductive Health Research and Policy	Member
2008 - present	Executive Committee, Bixby Center for Global Reproductive Health	Member
2009 - 2009	Hellman Award Selection Committee	Member
2014 - 2014	Ad Hoc Committee, Human Resources Investigation Unit	Member
2016 - 2017	ZSFG Pathology Division Search Committee	Member

DEPARTMENTAL SERVICE

1996 - 2000	House Officer Affairs Committee	Member
1997 - present	Residency Selection Committee	Member
2015 - present	UCSF OB-Gyn Residency Council	Member
2016 - 2017	ZSFG OB-Gyn Division Generalist Search Committee	Member
2107 - 2017	UCSF Maternal-Fetal Medicine Division Chief Search Committee	Member

COMMUNITY AND PUBLIC SERVICE

1994 - 2017	L.A.D. Foundation	Board Member
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2002 - 2002	San Francisco Department of Public Health/UCSF	Pediatrics and Obstetrics Task Force
2002 - 2003	Community Health Network	Perinatal Linkage Committee
2004 - 2004	Planned Parenthood and the City and County of San Francisco	Expert Rebuttal Witness
2007 - 2010	Coordinated Approach: physicians, lawyers and advocated considering legal issues relevant to second-trimester abortion provision	Organizer, Co-Founder, Speaker
2007 - present	Sanchez Street 1700 Block annual block party	Organizer
2007 - 2007	California Department of Human Health Services	Advocated improved Medi-Cal abortion reimbursement
2009 - 2009	Multiple media outlets, including KQED and CNN	Commentator about "late-term abortion"
2011 - present	California Alliance for Abortion Care	Organizer, Speaker
2012 - 2012	Medi-Cal managed care plans' California state administrators	Advocated for improved abortion access
2013 - 2013	San Francisco City Attorney's Office	Advised deputy city attorneys about Crisis Pregnancy Center litigation
2018 - present	Sanchez Street 1700 Block annual Halloween celebration	Organizer
2019 - 2019	San Francisco City Attorney's Office, City and County of San Francisco v. Azar, No. 3:19-cv-2405 (N.D. Cal. 2019)	Declarant

CONTRIBUTIONS TO DIVERSITY

CONTRIBUTIONS TO DIVERSITY

In choosing from the large number of applicants to our Women's Options Center-based electives, I work to provide opportunities for applicants who are underrepresented in medicine. In addition, I have developed enriched mentoring for our visiting URIM students during their rotations, including opportunities to practice residency interviewing skills.

TEACHING AND MENTORING

TEACHING SUMMARY

I have worked to broaden and strengthen the educational opportunities in the Women's Options Center. □ In addition to helping with the clinical and research training of our Family

Planning Fellows, I manage the Family Planning rotation for a broad range of learners. Medical students are included in a one-week block as part of their core SFGH OB-Gyn rotation, in a four-week sub-internship or in a two-week elective for UCSF students--"Introduction to Family Planning," which I created for UCSF students who did not have the opportunity to have a family planning experience during their core OB-Gyn clerkships. Because the number of applicants for our four-week Family Planning clerkship always far surpasses the usual number of blocks, we try to create at least one additional block annually to allow us to accommodate additional medical students.

At the same time as training third-year OB-Gyn residents, we offer more brief orientation experiences for nursing and nurse-midwife students and international visitors. In the Women's Options Center, I also have facilitated ultrasound training for Emergency Medicine residents and chorionic villus sampling (CVS) training for Maternal Fetal Medicine faculty and fellows. In addition, we work to create additional training slots for visiting residents whose own residency programs offer limited or no abortion training and to Family Planning Fellows from other sites where second-trimester volume is inadequate for them to refine their later abortion skills. I also arrange abortion training for UCSF residents in other fields, including Emergency Medicine, Family Medicine and Internal Medicine. I have helped improve the standardization of Women's Options Center training and documents to support that learning. I have created several key teaching tools to streamline the orientation of trainees and made significant updates to many longstanding parts of the orientation packet. We also continue to offer training annually to staff of Ryan sites and to Family Planning fellows about issues around offering abortion training. To build the clinical knowledge of the Women's Options Center's staff, I have provided them training about a number of clinical topics, most recently about pregnancies of unknown location and ectopic pregnancies and pre-D&E cervical preparation. In addition, I give lectures on family planning to a variety of audiences, from undergraduates to practicing physicians, both in other institutions and other fields of medicine.

FORMAL TEACHING

	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2001 - 2001	Biostatistics	Teaching fellow	Grad	14
	2001 -	UCSF Medical Students for Choice, "The medical significance of late abortion," UCSF Medical Center	Conference Panel Member	Medicine	
	2001 -	UCSF Medical Students for Choice, "Reasons for delayed presentation for abortion," UCSF Medical Center	1-hour lecture	Medicine	
	2002 - 2002	2nd-year medical students	"Sexual dysfunction" case teacher		14

	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2002 -	UCSF Certified Nurse Midwives Students, "Contraception Update," San Francisco General Hospital	2-hour lecture		
	2002 - 2003	UCSF Certified Nurse Midwives Students, "Medical and Surgical Abortion," San Francisco General Hospital	2-hour lecture	Nursing	
	2002 -	UCSF Medical Students for Choice, "The basics of medical and surgical abortion," UCSF Medical Center	1-hour lecture	Medicine	
	2003 - 2003	IDS 107, Life Cycle	"Labor and Delivery" case teacher	Medicine	14
	2003 - 2003	IDS 107, Life Cycle	"Contraception" case teacher	Medicine	14
	2003 - present	SFGH Family Planning Elective, San Francisco General Hospital	Lead instructor for and coordinator of monthly rotation for fourth-year medical students and third-year family practice residents	Medicine	
	2003 -	UCSF Certified Nurse Midwives Students, "Obstetric Emergencies," San Francisco General Hospital	2-hour lecture	Nursing	
	2003 -	SFGH Obstetrics and Gynecology Core Rotation, "Surgical and medical abortion," San Francisco General Hospital	1-hour lecture	Medicine	

	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2003 -	Human Biology 92Q, International Women's Health and Human Rights, Stanford University	1-hour lecture	Grad	
	2004 - 2004	Second Intersession	"Ethical Issues in Different Specialties" Panelist	Medicine	140
	2004 - 2004	IDS 107, Life Cycle	"Preterm Labor" case teacher	Medicine	14
	2004 - 2004	IDS 107, Life Cycle	"Complications in Pregnancy" case teacher	Medicine	14
	2004 - 2004	IDS 107, Life Cycle	"Perinatal Ethics" case teacher	Medicine	14
	2004 - 2004	S 182, Reproductive Choices Elective	Lecturer, "International Reproductive Health"	Grad	15
	2004 -	SFGH Obstetrics and Gynecology Core Rotation, "Office gynecology skills," San Francisco General Hospital	2-hour lecture	Medicine	
	2004 -	Human Biology 169, Reproductive Health, Sexuality, Maternity: Critical Issues in International Women's Health, Stanford University	1-hour lecture	Medicine	
	2004 -	Ob/Gyn 216, Current Issues in Reproductive Health, "Explanation of abortion procedures," Stanford University	1-hour lecture	Medicine	
	2005 - 2005	Second Intersession	"Ethical issues in clinical medicine" Panelist	Medicine	140
	2005 - 2005	IDS 107, Life Cycle	"Preterm Labor" case teacher	Medicine	14

	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2005 - 2005	IDS 107, Life Cycle	"Complications in Pregnancy" case teacher	Medicine	14
	2005 - 2016	IDS 107, Life Cycle	"Surgical and Medical Abortion," 2-hour lecture	Medicine	140
	2005 - 2005	Ob/Gyn 170.30, Reproductive Choices Elective	Panelist, "Abortion: History, Politics and Ethics"	Medicine	80
	2006 - 2006	IDS 107, Life Cycle	"Ethical Issues in Obstetrics" case teacher	Medicine	14
	2006 -	Ob/Gyn 216, Current Issues in Reproductive Health, "Issues in second-trimester abortion," Stanford University	1-hour lecture	Medicine	
	2006 -	Overview of induced abortion, Women's Health for Advanced Practice Physicians, UCSF	Lecturer		
	2007 -	Complicated Contraception, Continuing Medical Education course, University of California, San Francisco	Lecturer		
	2007 -	Ob/Gyn 216, Current Issues in Reproductive Health, "Issues in induced abortion," Stanford University	1-hour lecture	Medicine	
	2008 - 2008	IDS 107, Life Cycle	L&D small group	Medicine	12
	2008 -	Ob/Gyn 216, Current Issues in Reproductive Health, "Issues in second-trimester abortion," Stanford University	1-hour lecture	Medicine	

	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2009 - 2010	Ob/Gyn 216, Current Issues in Reproductive Health, "Abortion procedures," Stanford University	1-hour lecture	Medicine	
	2010 -	Office gynecologic skills, residency clinical skills curriculum, UCSF Medical Center	Small group leader	Medicine	
	2011 - 2017	IDS 107, Life Cycle	Prenatal care small group	Medicine	12
	2012 - 2013	IDS 107, Life Cycle	OB ethics small group	Medicine	12
	2013 - 2017	IDS 107, Life Cycle	OB complications small group	Medicine	12
	2013 - 2015	OBGYN 170.03, Family Planning & Reproductive Choices Elective	"Abortion 101" lecturer		35
	2015 - 2015	"Induction termination," Birth Center Nursing Staff Annual Update	3 60-minute lectures		
	2017 - 2018	IDS 107, Life Cycle	"Surgical and Medical Abortion," 90-minute lecture	Medicine	140

INFORMAL TEACHING

2000 - present Attending rounds, Obstetrics and Gynecology Services, ZSFG (Weeks and days)

2000 - present Attending, Women's Options Center, ZSFG (Weeks and days)

2000 - present Attending, Women's Clinic, ZSFG (Days)

2003 - 2010 Attending, Women's Options Center, Mt. Zion (Days)

MENTORING SUMMARY

Most of my mentoring has been directed towards the medical students, residents and Family Planning fellows with whom I work in the Women's Options Center and in my role as a generalist OB-Gyn attending. In addition to discussions about career development, I also regularly meet with our many sub-interns about their educational and career goals. I help both residents and family planning fellows with their research and work with junior faculty to discuss

both their career and research goals. I also have worked with the Women's Options Center staff to guide them towards advancing their education. In the case of Alissa Perrucci, our Counseling and Administrative Manager, we have reviewed ways to increase her speaking and publishing opportunities and to expand her role and advocacy in the community, both within and beyond UCSF. I also have helped mentor many of the clinic's counseling and nursing staff, supporting their obtaining advanced degrees and additional professional attainments.

PREDOCTORAL STUDENTS SUPERVISED OR MENTORED

Dates	Name	Program or School	Mentor Type	Role	Current Position
2000 - present	Lilia Cardenas	University of Utah		Research supervision; career guidance	Private Practice and Clinical Faculty
2002 - 2004	Jennifer Kerns	University of California, San Francisco School of Medicine		Research Supervision	Assistant Professor
2002 - 2006	Susan Lee Char	University of California, San Francisco School of Medicine		Research Supervision; Career Guidance	General Surgery Private Practice
2003 - 2005	Laetitia Poisson de Souzy	University of California, Davis		Research supervision; career guidance	Private Practice

POSTDOCTORAL FELLOWS AND RESIDENTS MENTORED

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2000 - 2001	Eleanore Kim, MD	Resident		Research Supervision	Private Practice
2001 - 2002	Lucy Stapleton, MD	Resident		Research Supervision	Faculty, Academic Medical Center
2002 - 2005	Matthew Reeves, MD, MPH	Resident		Research Supervision; Career Guidance	Medical Director, National Abortion Federation

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2003 - 2005	Emily Cronbach, MD	Resident		Personal Advisor	Private Practice
2003 - 2006	Ram Parvataneni, MD, MPH	Clinical Fellow		Research Supervision	Faculty, UCLA
2004 - 2006	Diane Morof, MD, MSc	Clinical Fellow		Research Supervision	Medical epidemiologist, CDC
2004 - 2006	Sarah Prager, MD, MAS	Clinical Fellow		Research Supervision	Faculty, University of Washington
2004 - 2008	Nicholas Rubashkin, MD, MA	Resident		Research Supervision; Career Guidance	Private Practice
2004 - 2008	Anna Frick, MD, MPH	Resident		Research Supervision; Career Guidance	Private Practice
2005 - 2007	Pratima Gupta, MD	Clinical Fellow		Research Supervision	Faculty, Kaiser San Francisco
2005 - 2007	Sadia Haider, MD, MPH	Clinical Fellow		Research Supervision	Faculty, University of Illinois College of Medicine
2006 - 2010	Laetitia Poisson de Souzy, MD	Resident		Research Supervision; Career Guidance	Private Practice
2006 - 2009	Tabetha Harken, MD, MPH	Clinical Fellow		Research Supervision	Faculty, University of California, Irvine
2006 - 2009	Sara Newmann, MD, MPH	Clinical Fellow		Research Supervision, Career Guidance	Faculty, UCSF
2007 - 2010	Nena Barnhart, MD	Resident		Career Guidance	Private Practice

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2007 - 2009	Carolyn Sufrin, MD, MA	Clinical Fellow		Career Guidance	Faculty, Johns Hopkins
2008 - 2011	Jennifer Kerns, MD, MS, MPH	Clinical Fellow		Career Guidance, Research Assistance	Faculty, UCSF
2009 - 2012	Jessica Morse	Resident, Clinical Fellow		Career Guidance, Research Assistance	Faculty, University of North Carolina
2010 - 2014	Jean Yu, MD	Resident		Career Guidance	Private Practice
2009 - 2012	Lynn Yee, MD, MPH	Resident		Career Guidance	Faculty, Northwestern
2011 - 2013	Andrea Jackson, MD	Clinical Fellow		Research Assistance	Faculty, UCSF
2012 - 2015	Meredith Warden, MD, MPH	Clinical Fellow		Research Assistance, Career Guidance	Private Practice
2013 - 2016	Valerie French, MD	Clinical Fellow		Research Assistance	Faculty, University of Kansas
2014 - present	Nika Seidman, MD	Clinical Fellow		Research Assistance	Faculty, UCSF
2014 - 2016	Sarah Averbach, MD	Clinical Fellow		Research Assistance	Faculty, UC San Diego
2014 - present	Amaranta Craig, MD	Resident		Career Guidance	Faculty, UCSF
2015 - present	Erica Manriquez	Resident		Career Guidance	Resident
2018 - present	Blair McNamara	Resident		Career Guidance	Resident

FACULTY MENTORING

Dates	Name	Position while Mentored	Mentor Type	Mentoring Role	Current Position
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Dates	Name	Position while Mentored	Mentor Type	Mentoring Role	Current Position
2007 - present	Sara Newmann, MD	Fellow, Assistant	Research/Scholarly Mentor, Project Mentor, Career Mentor	Research and career	Associate Professor
2010 - present	Carolyn Sufrin, MD, MA	Fellow, Instructor	Career Mentor	Educational mentoring	Assistant Professor
2013 - present	Misa Perron-Burdick, MD, MAS	Fellow	Research/Scholarly Mentor, Project Mentor, Career Mentor	Educational and research mentoring, member of Master's Committee	Assistant Professor

RESEARCH AND CREATIVE ACTIVITIES

RESEARCH AND CREATIVE ACTIVITIES SUMMARY

One of my primary research interests focuses on second-trimester abortion—both clinical trials that examine ways to decrease surgical risk and the epidemiology of risk behaviors in women seeking elective termination of pregnancy. Women seeking to terminate pregnancies in the second trimester are especially disempowered, facing a dangerous political landscape, a shortage of providers and a surgical procedure that, although extremely safe, involves more risk than a first-trimester procedure.

My interest in decreasing the surgical risks associated with second-trimester abortion (dilation and evacuation, or D&E) began when I worked on an intra-amniotic digoxin pharmacokinetic study before D&E. I then helped design the subsequent placebo-controlled trial. These studies were both critical in the legal arguments used in the “Partial Birth Abortion Ban” lawsuits.

Justice Ruth Bader Ginsburg subsequently cited one of my studies about factors leading to abortion delay in her “PBA” dissent. We currently are about to embark on another placebo-controlled trial to assess the impact of the most widely used dose and route of digoxin upon abortion duration and ease of procedure.

In addition to previous studies that I led or participated in to examine ways to prepare the cervix before D&E, most recently I was a key investigator and the site principal investigator for an RCT assessing whether adjuvant mifepristone or misoprostol improved cervical preparation before later D&Es. The finding that mifepristone was well tolerated and increased the ease of later D&Es has changed our clinic’s practices and shows promise to change cervical preparation techniques more widely.

Active policy issues also have motivated areas of research, including proposed legislation at the federal and state levels concerning abortion. Working with co-authors in a range of fields, we reviewed the literature concerning fetal pain. I also worked with a group to describe the potential impact of the “Born Alive Infant Protection Act,” assessing how it may change the practices of pediatricians and obstetricians at the time of deliveries of extremely premature infants. I worked with a group of physician and lawyers to help create a reference to assist with legal or medical questions about abortion law in California: *Abortion in California: A Medical-Legal Handbook*. I also was the senior investigator of a study that showed that advance practice clinicians could be safe providers of early aspiration abortion, where our

findings led to a change in California law. As a result, our state's midwives, physician assistants and nurse practitioners are allowed to offer aspiration abortions in addition to medication abortion.

Most of my research into contraception has investigated post-abortion insertion of intrauterine contraception (IUC), which we showed had good continuation in our population. In a study of Family-PACT providers, we also described the knowledge gaps that many California have about IUC.

RESEARCH AWARDS - PAST

1.	H11760-19406-05	Principal Investigator	2001	2002
	Foundation			
	HIV, Sexually-Transmitted Infections, and Behavioral Markers for Risk in Women Presenting for Elective Pregnancy Termination at San Francisco General Hospital			\$ 85,000 total
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2.		Principal Investigator	2003	2006
	Foundation			
	Risk Factors Associated with Presenting for Second-Trimester Abortion and for Repeat Abortion			
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3.	H11760-23276-02	Principal Investigator	2005	2006
	Foundation			
	Buccal misoprostol in addition to laminaria for cervical dilation before late second-trimester abortion by dilation and evacuation: A randomized, placebo-controlled trial		\$ 50,000 direct/yr 1	
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4.	H11760-25721-02A	Principal Investigator	2005	2006
	Private Industry			
	Patient Experiences Using EVRA for Management of Menstrual Related Symptoms		\$ 133,609 direct/yr 1	
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5.	H11760-25721-02A	Principal Investigator	2005	2006
	Private Industry			
	Patient Experiences Using EVRA for Management of Menstrual Related Symptoms		\$ 133,609 direct/yr 1	

6.	2005-28573	Principal Investigator		
	Foundation		2005	2007
	Early Abortion: Advancing New Standards (Abortion Is Normal Health Care)			\$ 749,901 total
7.	2005-28573	Principal Investigator		
	Foundation		2005	2007
	Early Abortion: Advancing New Standards (Abortion Is Normal Health Care)			\$ 749,901 total
8.	06028756	Co-Principal Investigator		
			2006	2006
	Recent Abortion Complication Rates at an Urban Academic Center			
9.	H11760-20412-05	Principal Investigator		
	Foundation		2006	2007
	Post-abortion intrauterine device placement: case review			\$ 32,600 total
10.	H11760-28435-01B	Principal Investigator		
	Private Grant		2006	2007
	IUC Utilization Among Family PACT Providers			
11.	06028756	Co-Principal Investigator		
	Private Grant		2006	2007
	Abortion Complications in an Urban Academic Center			
12.	H11760-20412-05	Principal Investigator		
	Foundation		2006	2007
	Post-abortion intrauterine device placement: case review			\$ 32,600 total

13. H11760-28435-01B	Principal Investigator		
Private Grant		2006	2008
IUC Utilization Among Family PACT Providers			
14. H11779-31562-01	Principal Investigator		
Foundation		2007	2009
Acceptability of Implanon(R) as contraception immediately following a surgical abortion			\$ 89,818 total
15.	Principal Investigator		
Foundation		2007	2010
Same-Day Dilapan Versus Overnight Laminaria for Cervical Preparation for Early Second Trimester Surgical Abortion			
16.	Investigator		
Foundation		2007	2010
Social, Economic and Health Effects of Receiving and Being Turned Away for Second Trimester Abortion			
17.	Principal Investigator		
Foundation - Society of Family Planning (Principal Investigator)		2008	2010
Safety of intra-amniotic and intra-fetal digoxin administration before late 2nd- trimester abortion by dilation and evacuation		\$ 51,781 direct/yr 1	\$ 51,781 total

PEER REVIEWED PUBLICATIONS

1. Drey EA, Thomas LJ, Benowitz NL, Goldschlager N, Darney PD. Safety of intra-amniotic digoxin administration before late second-trimester abortion by dilation and evacuation. *Am J Obstet Gynecol.* 2000 May; 182(5):1063-6.
2. Jackson RA, Teplin VL, Drey EA, Thomas LJ, Darney PD. Digoxin to facilitate late second-trimester abortion: a randomized, masked, placebo-controlled trial. *Obstet Gynecol.* 2001 Mar; 97(3):471-6.
3. Drey EA, Darney PD. Recent developments in hormonal contraception. *Rev Endocr Metab Disord.* 2002 Sep; 3(3):257-65. PMID: 12215720

4. Drey EA, Kang MS, McFarland W, Darney PD. Improving the accuracy of fetal foot length to confirm gestational duration. *Obstet Gynecol.* 2005 Apr; 105(4):773-8.
5. Learman LA, Drey EA, Gates EA, Kang MS, Washington AE, Kuppermann M. Abortion attitudes of pregnant women in prenatal care. *Am J Obstet Gynecol.* 2005 Jun; 192(6):1939-45; discussion 1945-7.
6. Steinauer J, Drey EA, Lewis R, Landy U, Learman LA. Obstetrics and gynecology resident satisfaction with an integrated, comprehensive abortion rotation. *Obstet Gynecol.* 2005 Jun; 105(6):1335-40.
7. Goldberg AB, Drey EA, Whitaker AK, Kang MS, Meckstroth KR, Darney PD. Misoprostol compared with laminaria before early second-trimester surgical abortion: a randomized trial. *Obstet Gynecol.* 2005 Aug; 106(2):234-41.
8. Lee SJ, Ralston HJ, Drey EA, Partridge JC, Rosen MA. Fetal pain: a systematic multidisciplinary review of the evidence. *JAMA.* 2005 Aug 24; 294(8):947-54.
9. Drey EA, Darney PD, Louie B, Kellogg TA, Kang MS, Prabhu R, Whitaker AK, Chin J, Molina A, McFarland W. HIV sentinel surveillance among women seeking elective pregnancy termination, San Francisco. *Sex Transm Dis.* 2005 Sep; 32(9):590-2.
10. Drey EA, Foster DG, Jackson RA, Lee SJ, Cardenas LH, Darney PD. Risk factors associated with presenting for abortion in the second trimester. *Obstet Gynecol.* 2006 Jan; 107(1):128-35.
11. Truong HM, Kellogg T, McFarland W, Kang MS, Darney P, Drey EA. Contraceptive intentions among adolescents after abortion. *J Adolesc Health.* 2006 Aug; 39(2):283-6.
12. Prager SW, Steinauer JE, Foster DG, Darney PD, Drey EA. Risk factors for repeat elective abortion. *Am J Obstet Gynecol.* 2007 Dec; 197(6):575.e1-6.
13. Foster DG, Jackson RA, Cosby K, Weitz TA, Darney PD, Drey EA. Predictors of delay in each step leading to an abortion. *Contraception.* 2008 Apr; 77(4):289-93.
14. Newmann S, Dalve-Endres A, Drey EA. Clinical guidelines. Cervical preparation for surgical abortion from 20 to 24 weeks' gestation. *Contraception.* 2008 Apr; 77(4):308-14.
15. Newmann S, Dalve-Endres A, Drey EA. Clinical guidelines. Cervical preparation for surgical abortion from 20 to 24 weeks' gestation. *Contraception.* 2008 Apr; 77(4):308-14. PMID: 18342657
16. Steinauer JE, Diedrich JT, Wilson MW, Darney PD, Vargas JE, Drey EA. Uterine artery embolization in postabortion hemorrhage. *Obstet Gynecol.* 2008 Apr; 111(4):881-9. PMID: 18378747
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2. Weitz TA, Taylor D, Desai S, Upadhyay UD, Waldman J, Battistelli MF, Drey EA. Safety of aspiration abortion performed by nurse practitioners, certified nurse midwives, and physician assistants under a California legal waiver. *Am J Public Health*. 2013 Mar; 103(3):454-61. PMID: 23327244 Assisted with study design, legislative waivers, data monitoring and manuscript preparation.
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4. Rosenstein MG, Vargas JE, Drey EA. Ultrasound-guided instrumental removal of the retained placenta after vaginal delivery. *Am J Obstet Gynecol*. 2014 Apr 13. PMID: 24732003. PMCID: PMC4207252 Assisted with study design, analysis of findings, manuscript preparation.
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