EXHIBIT D

IN THE IOWA DISTRICT COURT FOR JOHNSON COUNTY

PLANNED PARENTHOOD OF THE HEARTLAND, INC., EMMA GOLDMAN CLINIC, and JILL MEADOWS, M.D.,	
Petitioners,	Equity Case No
v.	
KIM REYNOLDS, ex rel. STATE OF IOWA; THOMAS MILLER, in his official capacity as Attorney General of Iowa; IOWA DEPARTMENT OF PUBLIC HEALTH; GERD CLABAUGH, in his official capacity as Director of the Iowa Department of Public Health; IOWA DEPARTMENT OF PUBLIC SAFETY; STEPHEN BAYENS, in his official capacity as Commissioner of the Iowa Department of Public Safety; and IOWA BOARD OF MEDICINE,	AFFIDAVIT OF ABBEY HARDY- FAIRBANKS, M.D.
Respondents.	

I, Abbey Hardy-Fairbanks, M.D., declare as follows:

1. I am the Medical Director of the Emma Goldman Clinic (EGC). I provide

reproductive health care to patients of EGC, including abortion services. I am a board-certified Obstetrician/Gynecologist (OBGYN). At the Emma Goldman Clinic I am responsible for training medical students and residents. In addition, I have given academic presentations on medical and surgical abortion to family medicine and gynecology physicians. I attach my CV hereto as Exhibit 1.

2. I submit this affidavit in support of Plaintiffs' Petition for Declaratory and Injunctive Relief, based on my own personal knowledge.

3. On March 26, 2020, Governor Kim Reynolds issued an Emergency Proclamation

("the Proclamation") suspending "nonessential or elective surgeries and procedures that utilize personal protective equipment (PPE)." An aide to Governor Reynolds stated on March 27, 2020 that the Governor's interpretation of the Proclamation "suspends all nonessential or elective surgeries and procedures until April 16th, that includes surgical abortion procedures." *See* Barbara Rodriguez, *Governor's Office Says Order Suspending 'Non-Essential' Surgery Includes Surgical Abortions*, Des Moines Register,

https://www.desmoinesregister.com/story/news/health/2020/03/27/coronavirus-in-iowa-surgicalabortion-suspended-kim-reynolds-non-essential-surgery-proclamation/2930439001/.

4. EGC is an independent reproductive health care clinic. It provides a full range of reproductive health care services at its Iowa City location. These services include well-women exams, cancer screenings, STI testing and treatment, a range of birth control options including long-acting reversible contraception or LARC, transgender healthcare, and medication and surgical abortion.

5. We provide medication abortion using mifepristone and misoprostol during the first 70 days of pregnancy, as measured from the first day of the last menstrual period (LMP), beyond that period the only option is a surgical abortion. We provide for surgical abortions through 19.6 weeks gestation by LMP, which corresponds to 17.6 weeks post-fertilization.

6. While "surgical abortion" refers to nonmedical abortion, it is not "surgery." It is an office procedure performed on an outpatient basis.

7. EGC is committed to responding to the current public health crisis, including by preserving needed medical resources that are in short supply. Since the onset of the COVID-19 pandemic, EGC has begun screening patients for symptoms before each visit on the phone at the time of scheduling; doing temperature checks upon entry to the clinic; and has changed the

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visitor policy to reduce the number of support persons to one healthy adult per patient. It has reduced patient volume by canceling all non-essential visits and walk-in visits. Patient counseling and education about options, procedures and expectations is being done on the phone to the greatest extent possible. EGC has increased appointment spacing between patients and increased spacing for the chairs in waiting areas, and has aggressively increased cleaning procedures for waiting areas to comply with social-distancing precautions.

8. I have worked at EGC since August 2010, and N95 masks and surgical masks are not used at EGC during abortion procedures and never have been used.

9. Some PPE is used for surgical abortion—such as gloves and reusable protective eyewear that lasts for years. One pair of sterile surgical gloves and three pairs of nonsterile gloves are used per surgical abortion for the doctor and staff. However, only a small number of health care staff are physically present for these procedures or their preparation/recovery and in need of PPE.

10. There does not appear to be a shortage of gloves used for procedural abortions in our community.

11. As a result of the Governor's interpretation of the Proclamation to prohibit "surgical abortions," EGC has been compelled to cancel all surgical abortions.

12. Under the Governor's interpretation, some patients will not be able to obtain an abortion for weeks or even months, depending upon the duration of the COVID-19 pandemic.

13. Some patients scheduled for surgical abortion in the coming weeks will lose their ability to access abortion completely due to Iowa's 20 week-post fertilization ban on abortion. All patients will be unable to opt for abortion at some point if the Governor's interpretation is upheld and the Proclamation is extended beyond April 16, 2020.

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14. Forcing patients to continue pregnancies will impose greater strains on an already-taxed healthcare system because prenatal care and delivery involve much greater use of hospital services and PPE than abortions.

15. As the ACOG has recognized, abortion care is essential care. It is a time-sensitive service for which a delay of several weeks, or in some cases days, may increase the risks or potentially make it completely inaccessible.

16. Additionally, some pregnant people who are delayed in accessing abortion may be exposed to additional health risks from COVID-19. ACOG has warned that pregnant women are known to be at greater risk of severe morbidity and mortality from other respiratory infections such as influenza and SARS and possibly COVID-19. As such, pregnant women should be considered an at-risk population.

17. Maternal mortality during pregnancy, delivery and postpartum in the United States, unlike other developing nations, is increasing.¹ Women who opt to continue pregnancies are exposed to increased risks of death and major complications from childbirth and those rates are 14 times higher than for abortion.²

18. Abortion is one of the safest procedures available in the United States.

19. The consequences of being unable to obtain an abortion profoundly impact a person's life, health, well-being, and economic security.

20. The enforcement of the Governor's interpretation of the Proclamation will harm my patients, as they will be prevented from receiving the abortions they need.

¹ Moaddab A, Dildy GA, Brown HL, Bateni ZH, Belfort MA, Sangi-Haghpeykar H and Clark CL. Health Care Disparity and Pregnancy-Related Mortality in the United States. Obstetrics and Gynecology. 2018. 131(4):707-712.

² Raymond EG and Grimes DA. The comparative safety of legal induced abortion and childbirth in the United States. Obstetrics and Gynecology. 2012 119(2 Pt1):215-9.

21. My patients will lose their ability to decide their future and determine what is best for their welfare and that of their family.

22. Unwanted pregnancies are especially hard on low-income and poor women, as well as women in abusive relationships. Restrictions on abortion disproportionately affect the most vulnerable among us.

23. We know that when abortion is banned or severely restricted, women will seek means to end unwanted pregnancies that are outside of the extremely safe practice of legal abortion. They can be significantly harmed or die from doing so.

24. If the Proclamation is enforced according to the Governor's interpretation, it will cause undue risk to my patients' current and future health.

25. I declare under penalty of perjury that the foregoing is true and correct.

I certify under penalty of perjury and pursuant to the laws of the state of Iowa that the preceding is true and correct.

March 29, 2020

Date

Signature, Abbey Hardy-Fairbanks, MD

EXHIBIT 1

Associate Clinical Professor University of Iowa Hospitals and Clinics Medical Director Women's Health Center Medical Director Emma Goldman Clinic Ryan Program Co-Director 200 Hawkins Drive, Iowa City, IA 52242 abbey-hardy-fairbanks@uiowa.edu

I. EDUCATIONAL AND PROFESSIONAL HISTORY

Undergraduate Education

1999-June 2002	The Colorado College; Colorado Springs, Colorado
	Bachelor of Arts, Biology, cum laude, with distinction

Graduate Education

2002-2006

Creighton University School of Medicine; Omaha, Nebraska Doctor of Medicine

Postgraduate Education

2006-2010	Dartmouth-Hitchcock Medical Center; Lebanon, NH
	Internship and Residency in Obstetrics and Gynecology

Licensure

Iowa	4/26/2010 Renewal 7/1/2011-present
Kansas	9/10/2019-present
Alabama	7/01/2019-present
DEA	3/23/2018 Buprenorphine waiver for treatment of opioid use disorder

Board Certification

12/7/2012	Diplomate of the American Board of Obstetricians and Gynecologists Maintenance of certification 2013, 2014, 2015, 2016, 2017, 2018
4/2012	Fellow of the American Congress of Obstetricians and Gynecologist

Specialty Professional Memberships

2006-2012	Junior Fellow, American College of Obstetricians and Gynecologists
2008-present	Member American Institute of Ultrasound Medicine
2011-present	Member American Reproductive Health Professionals
2012-2017	Junior Fellow, Society for Family Planning
2013-present	Fellow, American College of Obstetricians and Gynecologists
2017-present	Full Fellow, Society for Family Planning
2018-present	Fellow of Physicians for Reproductive Health (PRH)

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Professional and Academic Positions

07/2010- 6/2015	University of Iowa Hospitals and Clinics, Iowa City, IA Clinical Assistant Professor of Obstetrics and Gynecology
07/2010-11/2010	University of Iowa Hospitals and Clinics Department of OB/GYN Ryan Program Assistant Director
11/2010-present	University of Iowa Hospitals and Clinics Department of OB/GYN Ryan Program Co-Director
06/2010-present	University of Iowa Hospitals and Clinics Emma Goldman Reproductive Health Clinic/UIHC Liaison
5/2011-present	University of Iowa Hospitals and Clinics Procedure Clinic Director
6/2016-present	University of Iowa Hospitals and Clinics Academic promotion: Assistant Clinical Professor in Obstetrics and Gynecology
7/2016-present	Emma Goldman Reproductive Health Clinic Medical Director
7/2017-present	University of Iowa Hospitals and Clinics Women's Health Center, University of Iowa <i>Medical and Clinical Director</i>
10/2019-present	ACOG Abortion Access and Training Expert Work Group American College of Obstetricians and Gynecologists <i>Group member</i>
10/2019-present	Iowa Department of Public Health Family Planning and Title X Medical Director

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Grants Received 6/2010-present	University of Iowa Hospitals and Clinics LARC grant director and coordinator. Grant to provide low-cost long acting reversible contraceptive devices to those without coverage or excessive co- pay with the goal to also increase learner exposure to long acting contraceptive devices.
8/2012-05/2013	Investigator initiates trial grant recipient Kinetic Concepts, Inc. Grant provided single use negative pressure devices and device support for study period. 110 devices awarded in the grant
5/2013-8/2013	Grant recipient: Iowa Medical Student Research Program. Summer research fellowship Grant Supervision of Ivy Lin, BS
5/2015-8/2015	Grant recipient: Iowa Medical Student Research Program. Summer research fellowship Grant Supervision of Allison Rapp, BS
5/2016-8/2016	Grant recipient: Iowa Medical Student Research Program. Summer research fellowship Grant Supervision of Kelsey Sheets, BA and Petra Hahn, BA
5/2017-8/2017	Grant recipient: Iowa Medical Student Research Program Summer research fellowship grant Supervision of Sara Bakir, BA
5/2018-8/2018	Grant recipient: Iowa Medical Student Research Program Summer research fellowship grant Supervision of Sara Bakir, BA
5/2019-8/2019	Grant recipient: Iowa Medical Student Research Program Summer research fellowship grant Supervision of Hannah Botkin, BA

Honors, Awards and Recognitions

05/2008 ACOG Resident Reporter American College of Obstetrics & Gynecologists;

	District I
05/2010	Dartmouth-Hitchcock Medical Center- Excellence in Resident Research Award
06/2010	Dartmouth-Hitchcock Medical Center- Jackson Beecham Humanism Award
01/2012	Exxcelence in Family Planning Research course. Previously known as the "Berlex Course". Tucson, AZ
2/29/2014	2 nd place for outstanding poster: <i>The Impact of Clinical Clerkships on Medical Students</i> " <i>Attitudes towards Contraception and abortion</i> . APGO/CREOG 2014. The Council on Resident Education in Obstetrics and Gynecology/Association of Professors of Gynecology and Obstetrics Annual Meeting. Atlanta, GA.
10/11/2014	Winner "Top 15" Research Poster Award. <i>Mid-Trimester pregnancy interruption: provider perspectives, practice and knowledge.</i> SFP 2014. Society of Family Planning Annual Clinic Meeting. Miami, FL
6/2014	University of Iowa, Carver College of Medicine M3 Junior Faculty Teacher of the Year
6/2014	American College of Obstetricians and Gynecologists CREOG National Faculty Award for Teacher of the Year. University of Iowa OB/GYN Residency program.
4/2015	University of Iowa, Carver College of Medicine Nominated M3 Junior Faculty Teacher of the Year
6/2015	University of Iowa Hospitals and Clinics Excellence in Clinical Coaching award Department of Graduate Medical Education
10/2015	University of Iowa Hospitals and Clinics Clinician of the Year University of Iowa Physicians
5/2016	University of Iowa, Carver College of Medicine M3 Junior Faculty Teacher of the Year

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7/2018-5/2019 Physicians for Reproductive Health Leadership Training Academy Physicians for Reproductive Health, New York, NY

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II. TEACHING

<u>Teaching Assignme</u> 07/2010-present	 Full-time clinical faculty in the General Obstetrics and Gynecology Division of the Department of OB/GYN, University of Iowa College of Medicine. 20-40 hours/week clinical teaching, 48 weeks/year Resident Continuity of Care Clinic Ambulatory surgery Colposcopy/laser/cryotherapy/LEEP clinic Labor and Delivery Benign Gynecology Inpatient Service In-house "staff" call- involves remaining in hospital night/weekends and holidays for purposes of resident and medical student education and training. OB "group" call- back-up call from home nights/weekends/holidays
01/2010-present	Gynecologic ultrasound analysis staff American Institute of Ultrasound in Medicine certified
08/2010-present	Resident research mentor and co-investigator
07/2010-present	M3 lecture series, presented during six week core clerkship 12/2010-present "Induced Abortion" Given every 6 weeks. 1/2010 "Intrapartum Management" -Faculty mentor for M3 students on OB/GYN core clerkship
07/2010-2015	M2 lecture series, Foundations of Clinical Practice III, Medicine and Society 11/1/2010 "Spontaneous and Induced abortion" 10/31/2011 "Abnormal Uterine Bleeding" 11/4/2010 "Spontaneous and Induced abortion" 11/4/2011 "Contraception" 11/5/2011 "Spontaneous and Induced abortion" 12/13/2012 "Spontaneous and Induced abortion" 12/13/2012 "Contraception" 11/7/2013 "Spontaneous and Induced abortion"
7/2015-present	M2 Medicine and Society (MAS) III course lecturer 3/28/2016 "Women's Health and Public Health" 4/28/2017 "Women's Health and Public Health" 4/30/2017 "Women's Health and Public Health"

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4/30/2018	"Women's Health and Reproductive Justice"
4/5/2019	"Women's Health and Reproductive Justice"
University of Iowa F	Ryan Program Lecture Series
	"History Lesson: Contraception and Abortion
	legislation"
1/18/2011	"Medical Abortion"
3/1/2011	"Surgical abortion in the first trimester"
6/19/2011	"Care of women before Roe v. Wade"
, ,	Hosted a panel discussion with several providers who
	trained prior to Roe Versus Wade.
10/25/2011	"US CDC MEC for Contraception"
6/19/2012	"Emergency Contraception"
7/24/2012	"Care of women before Roe v. Wade" Hosted a panel
	discussion with several providers who trained prior to
	Roe Versus Wade.
11/14/2012	"Oral contraceptive pills in depth"
1/9/2013	"Oral contraceptive pills in depth cont"
4/14/2014	"Complicated abortion procedures"
5/4/2014	"Pre-operative assessment for second trimester
	pregnancy interruption"
5/27/2015	"Miscarriage management
7/28/2015	"Second trimester abortion
12/15/2015	"First and second trimester pregnancy loss"
7/26/2016	"Roe versus Wade and other historical contexts"
3/28/2017	"Second trimester abortion"
7/3/2017	"Ryan Program Introduction and Papaya work-shop"
4/10/2018	"Tubal sterilization and Ethical implications"
5/15/2018	"History of Contraception"
6/5/2018	"Problem patients and professionalism"
1/14/2019	"First Trimester Abortion"
1/29/2019	"Second trimester Abortion"

03/28/2010-present M2 Problem Based Learning OB/GYN Small Group Session, FCP IV

12/2010-present

Fall 2015	Medicine and Society Small group (M1), weekly
Spring 2016	Problem based learning small group (M2), weekly
Fall 2016	Problem based learning small group (M1), weekly
Spring 2017	Clinical based learning small group (M1), weekly
Spring 2018	Clinical based learning small group (M1), weekly
Spring 2019	Clinical based learning small group (M1), weekly

01/2010-6/2013	Mentor- resident class of 2013
3/23/2011	Discuss OB/GYN career choices with University of Iowa Premedical Club
3/29/2011	Lecture to M1 and M2 students concerning OB/GYN specialty, Carver College of Medicine, University of Iowa
6/2011-present	Faculty mentor Medical Students for Choice, University of Iowa Carver College of Medicine group
3/2011-present	Mentor for pre-medical students interested in OB/GYN. Allow shadowing of myself in private clinic or while on L&D to expose them to life as a physician in OB/GYN
8/2011-12/2011	Foundations of Clinical Practice Small group for M2 physical exam and history taking faculty facilitator.
2/2013-present	M3 OB/GYN Ethics discussion co-facilitator. Required lecture/discussion group for each student on OB/GYN rotation. Review ethical papers for medical students and facilitate lecture on ethics of OB/GYN care.
3/2013-7/30/2014	Thesis committee member for Kasey Diebold. "Development of model for prediction of post-operative infections following cesarean delivery"
4/17/2013, 9/4/2015, 9/14/2017	University of Iowa Health Sciences Research day judge
7/2014-present	Medical student research distinction tract mentor
12/2014-present	American Medical Women's Association national mentor program for medical students
5/2016-8/2016 5/2017-8/2017	C.A.R.E Program. Shadowing program for pre-medical student athletes University of Iowa
7/29/2016	Women in Medicine: a panel for athletes seeking careers in health care Gerdin Learning Center, Student Athletic services

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9/21/2017	Medical Students for Choice Lecture: Induced abortion in the US University of Iowa Carver College of Medicine
6/2018-present	Family Planning Elective Clerkship Director
7/3/2018, 7/17/2019	Insertion of modern intrauterine devices. University of Iowa Family Medicine Residency
10/23/2017, 11/20/2018,	Leopold Society and Medical Students for Choice event Manual uterine aspiration and IUD insertion simulation
9/24/2018	Abortion access and restrictions University of Iowa Medical Students for Choice invited lecture

Formal Presentations

10/2007	" <i>Nifedipine for Toclolysis</i> " Journal Club, Department of Obstetrics and Gynecology, Southern New Hampshire Medical Center, Nashua, NH
11/2007	"Medical Abortion: Dose and Timing" Journal Club, Department of Obstetrics and Gynecology, Dartmouth-Hitchcock Medical Center
02/2008	"Progesterone and Preterm Birth" Journal Club, Department of Obstetrics and Gynecology, Dartmouth-Hitchcock Medical Center, Lebanon, NH
04/2008	"Common Dermatologic Findings in the Outpatient Setting" Resident Lecture Series, Department of Obstetrics and Gynecology, Dartmouth-Hitchcock Medical Center, Lebanon, NH
08/2008	"The Great Masqueraders and other Enigmas" Obstetrics Case Conference, Dartmouth-Hitchcock Medical Center Obstetrics and Gynecology, Lebanon, NH
10/2008	"Abnormal presentations of common maladies"

	Obstetrics Case Conference, Dartmouth-Hitchcock Medical Center Obstetrics and Gynecology, Lebanon, NH
01/2009	<i>"Fetal Complications"</i> Obstetrics Case Conference, Dartmouth-Hitchcock Medical Center Obstetrics and Gynecology, Lebanon, NH
07/2009	"Ureteral injuries in gynecologic surgery, recognition, and management" Urogynecology Interdisciplinary Conference Dartmouth-Hitchcock Medical Center Departments of Urology and Urogynecology, Lebanon, NH
08/2009	"Patient Recruiting in Clinical Research" Dartmouth Hitchcock Resident Research Conference, Lebanon, NH
12/2009	"Advanced Maternal Age and the risk of Stillbirth" Journal Club, Department of Obstetrics and Gynecology, Dartmouth-Hitchcock Medical Center, Lebanon, NH
02/2010	"Asthma in Pregnancy: Pathophysiology and Treatment" Grand Rounds, Department of Obstetrics and Gynecology, Dartmouth-Hitchcock Medical Center, Lebanon, NH
10/2010	"Asthma in Pregnancy" Post-Graduate Conference University of Iowa Hospitals and Clinics, Iowa City, IA
10/12/2011	"Epidemiology of Abortion in the United States" Graduate Course, Epidemiology of Reproduction School of Public Health, University of Iowa, Iowa City, IA
10/17/2011	<i>"Family Planning for MFM Specialists"</i> MFM Fellow Lecture Series University of Iowa Hospitals and Clinics, Iowa City, IA
3/23/2015	Interactions of reproductive health and abortion with society and public health. Guest lecture to the Leopold Society. Student interest group in OB/GYN Carver College of Medicine; University of Iowa
7/17/2015	Medicine and athletics

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	Formal presentation to student athletes interested in health professions careers
9/14/2015	<i>Abortion in the law</i> MFM Fellow Lecture Series University of Iowa Hospitals and Clinics, Iowa City, IA
10/26/2015	<i>Psychological implications of abortion: what is the evidence?</i> Women's Wellness Clinic Lecture Series University of Iowa Department of Psychiatry
1/22/2018	Long Acting Reversible Contraception University of Iowa College of Pharmacy
9/24/2018	Induced abortion in the United States. University of Iowa Carver College of Medicine, Medical Students for Choice
9/25/2018	<i>Women's health and implications for correctional systems</i> Educational series for new staff for women's facility including residential, probation officers, guards, social workers and unit managers. 6 th District Department of Corrections Service, Cedar Rapids, IA
7/2019	Ryan National Program Journal Club: <i>Cesarean Scar Pregnancies</i> Online Journal club discussion for all Ryan Programs
Taashing and Hasn	
Teaching and Hosp 6/2008-6/2010	Department Research Committee, Resident representative Dartmouth-Hitchcock Medical Center, Department of OB/GYN
10/2008	Pathology Residency Internal Review Committee, Graduate Medical Education, Dartmouth-Hitchcock Medical Center
05/2009	Hospice Fellowship Internal Review Committee, Graduate Medical Education, Dartmouth-Hitchcock Medical Center
10/2015-present	Resident Education Committee University of Iowa Department of Obstetrics and Gynecology

CME Conferences Organization and Planning

Associate Clinical Professor University of Iowa Hospitals and Clinics Medical Director Women's Health Center Medical Director Emma Goldman Clinic Ryan Program Co-Director 200 Hawkins Drive, Iowa City, IA 52242 abbey-hardy-fairbanks@uiowa.edu

2011

Miscarriage Management

Course organizer and presenter in conjunction with the Abortion Access Fund and Planned Parenthood. Conference for rural family practice and general practitioners.

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III. SCHOLARSHIP/PROFESSIONAL PRODUCTIVITY

Publications or creative works

a. Peer-Reviewed

- Hardy-Fairbanks AJ, Baker ER. Asthma in Pregnancy: Pathophysiology, diagnosis and management. Obstetrics and Gynecology Clinics of North America. 2010 Jun; 37(2):159-72. PMID: 20685546
- Hardy-Fairbanks, AJ, Strobehn, K, and Aronson, MP. Urinary Tract Injuries in Pelvic Surgery: Prevention and Recognition. *Contemporary OB/GYN*. October 1, 2010.
- Cowman WL, Hansen JM, Hardy-Fairbanks AJ, Stockdale CK. Vaginal misoprostol aids in difficult intrauterine contraceptive removal: a report of three cases. *Contraception*. 2012 Sep; 86(3):281-4. PMID: 22364817
- Hardy-Fairbanks AJ, Lauria MR, Mackenzie T, McCarthy M. Intensity and Unpleasantness of Pain Following Vaginal and Cesarean Delivery: A Prospective Evaluation. *BIRTH*. 2013; 40(2): 125-133. PMID: 24635467
- Hardy-Fairbanks AJ, Pan SJ, Decker MD, Johnson DR, Greenberg DP, Kirkland KB, Talbot EA, Bernstein HH. Immune Responses in Infants Whose Mothers Received Tdap Vaccine during Pregnancy. Pediat Infect Dis J. 2013; 32(11) 1257-60. PMID: 20685546
- Cowman W, Hardy-Fairbanks AJ, Endres J, Stockdale CK. A select issue in the postpartum period: contraception. *Proc Obstet Gynecol.* 2013; 3(2) Article 1 [15 p.].
- Tikkanen S, Button A, Zamba G, **Hardy-Fairbanks AJ**. Effect of chlorhexidine skin prep and subcuticular skin closure on postoperative infectious morbidity and wound complications following cesarean section. *Proc Obset Gynecol.* 2013; 3 (2): Article 2 [10 p.]
- Wahle EM, Hansen JM, Cowman WL, **Hardy-Fairbanks AJ**, Stockdale CK. The effect of vaginal misoprostol on difficult intrauterine contraceptive removal. Med J Obsetet Gynecol 2014; 2(1): 1020.
- Murray ME, Hardy-Fairbanks AJ, Racek A, Stockdale CK. Pain control options for first trimester surgical abortions: a review. Proc Obstet Gynecol. 2014;4(2):Article 2 [6p.].
- Hansen, Santillan MK, Stegmann BJ, Foster T, **Hardy-Fairbanks AJ**. Maternal demographic and clinical variables do not predict intrauterine contraception placement: Evidence for postplacental intrauterine contraception placement. Proc Obstet Gynecol. 2014;4(2):Article 4

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[7p.].

- O'Shea AS, Steines JC, Hardy-Fairbanks AJ. Retroperitoneal hematoma following hysteroscopic removal of levonorgestrel intrauterine system: a case report. Proc Obset Gynecol. 2014;4(2):Article 7 [3p].
- Roberts KE, Hardy-Fairbanks AJ, Stockdale CK. The effects of obesity with pregnancy termination: a literature review. Proc Obstet Gynecol. 2014;4(2): Article 3 [5p.].
- Dickerhoff LA, Mahal AS, Stockdale CK, **Hardy-Fairbanks AJ**. Management of cesarean section scar pregnancy with dehiscence in the second trimester: a case series and review of the literature. J Reprod Med. 2015;60(3-4):165-8. PMID 25898481
- Swift SH, Zimmerman BM, Hardy-Fairbanks AJ. Effect of single-use negative pressure wound therapy on post-cesarean infectious wound complications for high-risk patients. J Reprod Med. 2015; 60(5-6):211-8. PMID: 26126306
- Lin I, **Hardy-Fairbanks AJ**. Impact of obesity on rates of successful vaginal delivery after term induction of labor. Proc Obset Gynecol. 2015 August; Article 1 [5 p.]. Available from: <u>http://ir.uiowa.edu/pog_in_press/</u>. Free full text article.
- Brock EN, Stockdale CK, House HR, **Hardy-Fairbanks AJ**. The impact of clinical clerkships on medical students attitudes toward contraception and abortion: a pilot study. Proceedings in Obstetrics and Gynecology, 2015;5(2). Available from: Available from: http://ir.uiowa.edu/pog_in_press/. Free full text article.
- Mancuso A, Lee K, Zhang R, Hoover E, Stockdale C, Hardy-Fairbanks AJ. Deep sedation without intubation during second trimester surgical termination in an inpatient hospital setting. *Contraception.* 2016; pii: S0010-7824(15)30214-6. PMID: 27713005
- Hardy-Fairbanks AJ, Mackenzie T, McCarthy M, Goldman MB, Lauria MR. A randomized controlled trial comparing two types of retractors at caesarean delivery. J Obstet Gynaecol. 2017. 37(8):1009-1014. PMID: 28635352
- Smid MC, Dotters-Katz SK, Grace M, Wright ST, Villers MS, Hardy-Fairbanks AJ, Stamilio DM. Prophylactic Negative Pressure Wound Therapy for Obese women after cesarean delivery: A systematic review and meta-analysis. Obstetrics and Gynecology, 2017. PMID: 29016508

Goad LM, Williams HR, Treolar MS, Stockdale CK, Hardy-Fairbanks AJ. A pilot study of

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patient motivation for postpartum contraception planning during prenatal care. Int J Women's Health and Wellness. 2017;3(1):048. <u>https://clinmedjournals.org/articles/ijwhw/international-journal-of-womens-health-and-wellness-ijwhw-3-048.pdf</u>

- Brock EN, Stockdale CK, House HR, Hardy-Fairbanks AJ. Effect of Clinical Clerkships on Medical Student Attitudes toward Abortion and Contraception. Madridge J of Women's Health Eman. 2017; 1(1):4-6. <u>https://madridge.org/journal-of-womens-health-and-</u> <u>emancipation/MJWH-1000102.pdf</u>
- Hoover E, **Hardy-Fairbanks AJ**, Stockdale CK. Use of Vaginal misoprostol prior to placement of an intrauterine device: a review. J of Gynecol Res Obstet. 2017; 3(2): 029-033. <u>https://www.peertechz.com/articles/use-of-vaginal-misoprostol-prior-to-placement-of-an-intrauterine-device-a-review.pdf</u>
- Williams HR, Hardy-Fairbanks AJ, Stockdale CK, Radke S. Management of vaginal wall perforation during a second trimester dilation and evacuation. 2017 Oct 21;7(3):Article 9 [7 p]. <u>https://doi.org/10.17077/2154-4751.1375</u>.
- Mancuso A, Hardy-Fairbanks AJ and Mejia R. Laparoscopic guided dilation and evacuation following a uterine perforation. J Reprod Med. 2017;62:681-683.
- Michaels LL, Stockdale CK, Zimmerman MB, **Hardy-Fairbanks AJ**. Factors affecting the contraceptive choices of women seeking abortion in non-urban area. Accepted to J Reprod Med. Publication date planned for July/Aug 2018 issue.
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- Steelman VM, Shaw C, Shine L, and Hardy-Fairbanks AJ. Unintentionally Retained Foreign Objects: A Descriptive Study of 308 Sentinel Events and Contributing Factors. Jt Comm J Qual Saf. 2018. S1553-7250 PMID: 30341013
- Mattson JN and **Hardy-Fairbanks AJ**. Clostridium sordelli Toxic Shock after Endometrial Ablation: Review of Gynecologic Cases. Journal of Gynecologic Surgery. 2018;34(6):311-314. https://www.liebertpub.com/doi/10.1089/gyn.2018.0037
- Kerestes CA; Sheets K; Stockdale CK and Hardy-Fairbanks AJ. Prevalence, attitudes and knowledge of misoprostol for self-induction of abortion in women presenting for abortion at Midwestern reproductive health clinics. Reproductive Health Matters. 2019; 27(1):1-8.

Associate Clinical Professor University of Iowa Hospitals and Clinics Medical Director Women's Health Center Medical Director Emma Goldman Clinic Ryan Program Co-Director 200 Hawkins Drive, Iowa City, IA 52242 abbey-hardy-fairbanks@uiowa.edu

https://tandfonline.com/doi/full/10.1080/09688080.2019.1571311

- Kerestes CA; Stockdale CK; Zimmerman MB and **Hardy-Fairbanks AJ**. Abortion Providers' experiences and views on self-managed medication abortion an exploratory study. Contraception. 2019;100(2):160-164. PMID: 31002777
- Meurice ME, Goad LM, Barlow PB, Kerestes CK, Stockdale CK, Hardy-Fairbanks AJ.
 Efficacy-based contraceptive counseling for women experiencing homelessness in Iowa City, IA. Journal of Community Health Nursing. 2019;35(4): 199-207. PMID: 31621431
- Meurice ME, Todd C, Barlow PB, Gaglioti AH, Goad L, **Hardy-Fairbanks A**, Stockdale CK. Unique Health needs and characteristics of homeless women in Iowa City, Iowa. Proceedings in Obstetrics and Gynecology. 2019;11-13. https://uiowa.edu/pog_in_press/103/
- Williams HR, Goad L, Treolar M, Ryken K, Mejia R, Zimmerman MB, Stockdale CK, Hardy-Fairbanks AJ. Confidence and readiness to discuss, plan and implement postpartum contraception plan during prenatal care versus after delivery. Journal of Obstetrics and Gynaecology. 39:7, 941-947, DOI: <u>10.1080/01443615.2019.1586853</u>

b. <u>Reviews</u>

Hardy-Fairbanks AJ. Asthma in Pregnancy. The Iowa Perinatology Letter. December 2010.

Hardy-Fairbanks AJ, Elson M, Lara-Torre E. Contraception for Women with Migraines. Pearls of Exxcelence. The Foundation for Exxcelence in Women's Health. March 2017. https://exxcellence.org/pearls-of-exxcellence/list-of-pearls/contraception-for-women-with-migraines/

c. Books and Chapters

Hardy-Fairbanks AJ and Swanson J. Office-based Gynecology, Chapter 20: Long Acting Reversible Contraception. Wiley and Sons. Editor Amy Garcia, MD. Publication pending.

d. Abstracts

Hardy-Fairbanks AJ, Pan SJ, Johnson DR, Bernstein HH. Immune Responses in Infants Following Receipt of Pertussis Immunization by their Mothers during Pregnancy. Accepted to the late breaker

Associate Clinical Professor University of Iowa Hospitals and Clinics Medical Director Women's Health Center Medical Director Emma Goldman Clinic Ryan Program Co-Director 200 Hawkins Drive, Iowa City, IA 52242 abbey-hardy-fairbanks@uiowa.edu

session of the Infectious Disease Society of America Annual Clinical Meeting, Vancouver, British Columbia, September 2010. Abstract and oral presentation

- Hansen JM, Santillan MK, Stegmann BJ, Foster, TC, Hardy-Fairbanks AJ. Maternal demographic and clinical variables do not predict IUC placement: evidence for postplacental IUC placement. Contraception. 2012 March:85(3):322
- Swift SH, Zimmerman BM, Hardy-Fairbanks AJ. Effect of single-use negative pressure wound therapy on post-cesarean infectious wound complications for high-risk patients. Oral presentation at: COGI 2013. 18th World Congress on Controversies in Obstetrics, Gynecology and Infertility; 2013 October 24-27; Vienna, Austria.
- Brock EN, Stockdale CK, Hardy-Fairbanks AJ. The Effect of Clinical Clerkships on Medical Students" Attitudes Toward Abortion and Contraception. Obstet Gynecol. May 4, 2015. http://journals.lww.com/greenjournal/Abstract/2015/05001/The Effect of Clinical Clerks hips on Medical.202.aspx
- Kerestes CA, Sheets K, Stockdale C, Hardy-Fairbanks AJ. Prevalence, attitudes and knowledge of misoprostol for self-induction of abortion in women presenting for abortion at reproductive health clinics. Oral presentation at 41st National Abortion Federation Annual Meeting. Hotel Bonaventure, Montréal, Québec, Canada. April 24th, 2017.
- Kerestes CA, Stockdale CK, **Hardy-Fairbanks AJ**. *Provider Perspectives on Self-Sourced Abortion*. Oral presentation at 42nd National Abortion Federation Annual Meeting. The Westin Seattle. Seattle, WA. April 23rd, 2018.
- Matton JN, Thayer M, Mott SL, Lyons YA, Reyes HD, McDonald ME, Hardy-Fairbanks AJ, Hill EK. Multimodal Perioperative Pain Protocol for Gynecologic Oncology Laparotomy Reduces Length of Hospital Stay. Oral presentation at Western Association of Gynecologic Oncologists Annual Meeting. Westgate Park City Resort. Park City, UT. June 15th, 2018.

e. Posters

- Hardy-Fairbanks, AJ, Lauria, MR, Mackenzie, T, McCarthy, M. A Randomized Controlled Trial Comparing Two Types of Retractors at Cesarean Delivery. American College of Obstetrics and Gynecology Annual Clinical Meeting, Washington, DC. 5/3/2011
- Hansen JM, Santillan MK, Stegmann BJ, Foster TC, Hardy-Fairbanks AJ. Maternal Demographic and Clinical Variables do not predict IUC placement: Evidence for postplacental IUC placement.

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American Reproductive Health Professional Annual Clinical Meeting, Las Vegas, NV. 9/15/2011

- Whale EM, Hansen JM, Cowman WL, Hardy-Fairbanks AJ, Stockdale CK. The effect of vaginal misoprostol on difficult intrauterine contraceptive removal: A retrospective chart review. ACOG 2012. American Congress of Obstetrics and Gynecology District IV Annual Clinical Meeting. Phoenix, AZ. 9/21-9/23/2012.
- Michaels LL, Stockdale CK, Zimmerman MB, Hardy-Fairbanks AJ. Factors affecting the contraceptive choices of women seeking abortion in Iowa. ACOG District VI Annual Clinical Meeting 2013. Maui, Hawaii. 9/26-9/28/2013.
- Lin I, Bolger H, Wen C, **Hardy-Fairbanks AJ**. Impact of obesity on induction of labor at term. ACOG District VI 2014. ACOG Tridistrict Annual Meeting. Napa, CA. 9/4-9/7/2014.
- Brock EN, Stockdale CK, House HR, Che W, Hardy-Fairbanks AJ. The Impact of Clinical Clerkships on Medical Students" Attitudes towards Contraception and abortion. APGO/CREOG 2014. The Council on Resident Education in Obstetrics and Gynecology/Association of Professors of Gynecology and Obstetrics Annual Meeting. Atlanta, GA. 2/28-3/1/2014. Winner 2nd place for Excellent Research Poster
- Krohn M, Hansen J, Che W, Stockdale CK, Hardy-Fairbanks AJ. Mid-Trimester pregnancy interruption: provider perspectives, practice and knowledge. SFP 2014. Society of Family Planning Annual Clinic Meeting. Miami, FL. 10/11-10/13/2014. Winner Top 15 Research Poster.
- McDonald M, Che W, Stockdale CK, Hardy-Fairbanks AJ. Vaginal misoprostol versus concentrated oxytocin for midtrimester labor induction: a retrospective chart review. SFP 2014. Society of Family Planning Annual Clinic Meeting. Miami, FL. 10/11-10/13/2014.
- Brock EN, Stockdale CK, Hardy-Fairbanks AJ. The Effect of Clinical Clerkships on Medical Students" Attitudes Toward Abortion and Contraception. ACOG 2015. American Congress of Obstetricians and Gynecologists Annual Clinical Meeting. San Francisco, CA. 5/2-5/6/2015.
- Rapp A, Racek A, Stockdale CK, Hardy-Fairbanks AJ. Patient satisfaction with immediate postdelivery long acting reversible contraception placement. Research day 2015. Carver College of Medicine Research Day.
- Goad L, Williams H, Treolar M, Stockdale CK, Hardy-Fairbanks AJ. A pilot study of patient motivation for postpartum contraception planning during prenatal care. ACOG joint-District 2015.

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ACOG joint district-V, VI, VII, VIII and IX annual meeting. Denver, CO. 9/18-9/20/2015

- Treolar M, Williams H, Goad L, Stockdale CK, Hardy-Fairbanks AJ. A pilot study of patient motivation for postpartum contraception planning during hospitalization following delivery. ACOG joint-District 2015. ACOG joint district-V, VI, VII, VIII and IX annual meeting. Denver, CO. 9/18-9/20/2015
- Mancuso AC, Lee K, Zhang R, Stockdale CK and **Hardy-Fairbanks AJ**. Deep sedation without intubation during second trimester surgical terminations in an inpatient. SFP 2015. North American Forum on Family Planning Chicago, IL. 11/14-11/15/2015
- Rapp A, Racek A, Stockdale CK, Hardy-Fairbanks AJ. Patient satisfaction with immediate postdelivery long acting reversible contraception placement. ACOG 2016. American Congress of Obstetricians and Gynecologists Annual Clinical Meeting. Washington DC, 5/20/16-5/23/2016.
- Williams HR, Treolar M, Goad L, Stockdale CK, Hardy-Fairbanks AJ. Postpartum contraception acceptance and readiness (PCAR). SFP 2016. North American Forum on Family Planning. Denver, CO. 11/5-7/2016
- Hahn P, Hoff T, Stockdale CK, Hardy-Fairbanks AJ. Comparison of outcomes in low-risk women in Centering Pregnancy® versus individual certified nursing midwife prenatal care. ACOG ACM 2017. American Congress of Obstetricians and Gynecologists Annual Clinical Meeting. San Diego, CA. 5/6/17-5/9/2017
- Williams HR, Goad LM, Treolar MS, Mejia RB, Stockdale CK, Hardy-Fairbanks AJ. Postpartum contraception acceptance and readiness for long acting reversible contraception. ACOG ACM 2017. American Congress of Obstetricians and Gynecologists Annual Clinical Meeting. San Diego, CA. 5/6/17-5/9/2017
- Hoff T, Hahn P, Sharma D, Huntley J, Hardy-Fairbanks AJ, Stockdale CK. Postpartum LARC use in low-risk women in group vs individual CNM prenatal care. ACOG ACM 2017. American Congress of Obstetricians and Gynecologists Annual Clinical Meeting. San Diego, CA. 5/6/17-5/9/2017
- Songer K, Richards H, Stockdale CK, **Hardy-Fairbanks AJ.** Inappropriate use of vancomycin for GBS prophylaxis in women who report a penicillin allergy. American Congress of Obstetrics and Gynecology tri district (VI, VII, XI) annual clinical meeting. Hyatt Regency Hill County, San Antonio, TX 9/15-17/2017.

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- Goad L, Meurice ME, Barlow R, Kerestes C, Stockdale CK, **Hardy-Fairbanks AJ.** Efficacybased contraceptive counseling for women experiencing homelessness in Midwest. Oral presentation: American Congress of Obstetrics and Gynecology tri district (VI, VII, XI) annual clinical meeting. Hyatt Regency Hill County, San Antonio, TX 9/15-17/2017.
- Sheets KA; Hansen HE; Gnade C; **Hardy-Fairbanks AJ**; Stockdale C. Morbid Obesity: Effects on Cervical Cancer Screening and Presentation. Annual Scientific Meeting on Anogenital & HPV-related Diseases. Atlanta, GA.4/4-7/2019.
- Hansen HE; Sheets KA; Gnade C; Hill EK; **Hardy-Fairbanks AJ**; Stockdale C. Cervical cancer: Relationships between symptomatic presentation and patient demographics. Annual Scientific Meeting on Anogenital & HPV-related Diseases. Atlanta, GA.4/4-7/2019.

f. Other publications

- Abstract/Video/Oral Presentation: Hardy-Fairbanks AJ, Whiteside JL. Pelvic Surgery After Kidney Transplant: Technique and Comment. American Urogynecology Society Annual Clinical Meeting, 09/2010.
- Hardy-Fairbanks, Abbey. *Mother and Abortion Provider—I can be both*. Newsweek. May 11th, 2019. <u>https://www.newsweek.com/abortion-provider-mother-opinion-1409871</u>

g. Areas of Research Interest and Current Projects

2014-present	Postpartum contraception acceptance and readiness study. Principal investigators- Hardy-Fairbanks AJ, Mejia R, Stockdale CK, Williams H.
2014-present	Patient satisfaction with post-placental IUD and implant placement for postpartum contraception Principal investigators- Hardy-Fairbanks AJ, Stockdale C, Racek A
2016-presemt	Comparative outcomes in group versus individual prenatal care. Principal investigators: Hardy-Fairbanks AJ, Stockdale C, Hoff T.
2016-present	Self-sourced abortion in Midwest, patient perspectives and experience Principal investigators: Hardy-Fairbanks AJ, Stockdale C, Kerestes CA
2016-present	Internet site information quality on self-sourced medical abortion

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	Principal investigators: Hardy-Fairbanks AJ, Stockdale C, Kerestes CA
2016-present	Provider experiences and attitudes concerning self-sourced medical abortion Principal investigators: Hardy-Fairbanks AJ, Stockdale C, Kerestes CA
2015-present	Touching Hearts mementoes for families undergoing dilation and evacuation, qualitative study Principal investigators: Hardy-Fairbanks AJ, Stockdale CK, Radke S, Richards H
2017-present	Antibiotic use for GBS prophylaxis Principal investigators: Hardy-Fairbanks AJ, Hope R, Songer K
2018-present	Impact of defunding Iowa Family Planning Waiver Program on Unplanned Pregnancy and Contraception Use. Principal investigators: Hardy-Fairbanks AJ, Ulmer K, Bakir S

h. Invited lectures

05/2008	Pain Following Cesarean Section and Vaginal Delivery Resident Research Day, Department of Obstetrics and Gynecology, Dartmouth-Hitchcock Medical Center
03/2009	Quantifying Postpartum Pain following vaginal and cesarean delivery: a prospective evaluation. New England Perinatal Society Annual Scientific Meeting, Newport, RI
05/2010	A Randomized Controlled Trial comparing two types of retractors at cesarean delivery. Resident Research Day, Department of Obstetrics and Gynecology, Dartmouth-Hitchcock Medical Center, Lebanon, NH
12/2010	How to Avoid the Scrooge: Women and Holiday Stress. University of Iowa Hospitals and Clinics, Iowa City, IA, Community Health Seminar Series.
4/12/2011	National Abortion Federation Annual Meeting, Chicago, IL. Panel discussion: Fostering relationships between University Ryan programs with independent abortion clinics.

5/4/2011	American College of Obstetrics and Gynecology Annual Clinical Meeting, Washington, D.C. Ryan Program Panel discussion for medical students concerning residency choices for those interested in family planning careers.
03/7/2011 & 4/22/2015	<i>Motherhood and Medicine</i> . Panel discussion by AMWA. University of Iowa Carver College of Medicine. University of Iowa, Iowa City, IA
05/2011	Birth Options in Iowa. National Public Radio, Iowa Public Radio. Talk of Iowa.
10/5/2011	Post-Cesarean Infectious Complications 2011 University of Iowa Obstetrical Nursing Conference Hampton Inn; Coralville, Iowa
08/2/2012	Deciding to provide abortion: provider perspectives. Panel discussion by Medical Students for Choice. University of Iowa Carver College of Medicine.
2/2/2013	Conscious birthing in Iowa: Doulas and Hospital Practitioners. Panel discussion at 6 th Annual Conscious Birth Summit. Iowa City Public Library. Iowa City, IA
6/12/2013	Abnormal Uterine Bleeding Visiting Professor for Siouxland Family Medicine Residency Program St. Luke's Hospital, Unity Point Health. Sioux City, IA
11/5/2013	<i>Early Pregnancy Failure</i> University of Iowa Hospitals and Clinics Department of OB/GYN grand rounds presentation.
4/21/2014	Complex Contraception Visiting Professor for Siouxland Family Medicine Residency Program St. Luke's Hospital, Unity Point Health. Sioux City, IA
9/18/2014	<i>Evaluation and Treatment of Abnormal Uterine bleeding</i> Visiting Professor for Broadlawns Family Medicine Residency and Grand Rounds Program. Broadlawns Medical Center, Des Moines, IA
9/18/2014	Evaluation and Treatment of Abnormal Uterine bleeding

	Visiting Professor Iowa Lutheran Family Medicine Residency and Grand Rounds Program Iowa Lutheran Hospital, Unity Point Health, Des Moines, IA
10/7/2014	Miscarriage Diagnosis and Management Children's and Women's Health Conference: Women's Health. 2014 Annual University of Iowa Obstetrical Nursing Conference Holiday Inn; Coralville, Iowa
3/7/2015	Reproductive Health Clinic Collaborations: The latest Hybrid Motor in Medical Education. Panel discussion 2015 CREOG & APGO Annual Meeting JW Marriott San Antonio Hill Country Resort; San Antonio, TX
4/1/2015	Reproductive Health and Societal implications Community Health Outreach Seminar Course guest lecturer Carver College of Medicine University of Iowa, Iowa City, Iowa
4/22/2015	American Medical Women's Association: Being a mom in medicine Carver College of Medicine University of Iowa, Iowa City, Iowa
5/4/2015	Junior Fellow Round Table: Family Planning 2015 American Congress of Obstetricians and Gynecologists Annual Clinical Meeting San Francisco, CA
6/30/2015	<i>Non-Tubal Ectopic Pregnancies</i> University of Iowa Hospitals and Clinics Department of OB/GYN grand rounds presentation.
1/12/2015	Abortion in the United States Visiting Professor Cedar Rapids Family Medicine Residency Unity Point Health, Cedar Rapids, IA
1/16/2015	Doctors and Midwives, a necessary collaboration. Panel discussion at 10 th Annual Conscious Birth Summit. Iowa City Public Library. Iowa City, IA
4/6/2016	Immediate Postpartum Long Acting Reversible Contraception.

	42 nd Annual Iowa Conference on Perinatal Medicine. Iowa Statewide Perinatal Care Program and the University of Iowa Carver College of Medicine West Des Moines Marriott, West Des Moines, IA
4/18/2016	Prevention of abortion complications through collaborations between Ryan programs and independent abortion clinics. National Abortion Federation Annual Clinical Meeting JW Marriott, Austin, TX
5/20/2016	Cesarean scar ectopic pregnancy: diagnosis and management Dartmouth-Hitchcock Medical Center Department of Obstetrics and Gynecology Grand Rounds Lebanon, NH
2/3&4/2017	 Building a Ryan Program: multi-day workshop for new Ryan program directors and coordinators Building enthusiasm for teaching residents and medical students, Lead facilitator Examples of Ryan Programs New Service Development, Office and hospital based procedures: expanding services And now you know how to build a Ryan Program? Workshop Wrap up Laurel Center, University of California, San Francisco. Ryan Program
3/7/2017	Complex Contraception decision making: CDC MEC use Visiting Professor for Broadlawns Family Medicine Residency and Grand Rounds Program. Broadlawns Medical Center, Des Moines, IA
3/10/2017	Through the Looking Glass: enchanting your medical students with flipped classrooms, team-based learning and clinical opportunities focused on family planning Presenter, large group session at APGO/CREOG Annual National meeting, 2017 Hyatt Regency Hotel, Orlando Florida.
9/21/2017	Abortion today in the Midwest: a policy update Medical Students for Choice. University of Iowa Hospitals and Clinics, Carver College of Medicine
10/2/2017	Immediate postpartum long acting reversible contraception: cutting edge contraception

	Children's and Women's Services Fall Nursing Conference University of Iowa Hospitals and Clinics, Stead Family Children's Hospital Radisson Hotel and Conference Center, Coralville, IA
10/14/2017	Career Paths in Family Planning: Workshop for Career planning in reproductive health How did I get here? How to be successful as an academic generalist in family planning Small group discussion
	North American Forum on Family Planning Hyatt Regency Hotel and Conference Center, Atlanta, GA
1/17&18/2018	Building a Ryan Program: multi-day workshop for new Ryan program Directors and coordinators
	Relationships with Independent Clinics, Lead facilitator
	<i>Examples of Ryan Programs</i> Laurel Center, University of California, San Francisco. Ryan Program National Office
3/1/2018	All Hands on Deck! Hands-on and digital simulation for teaching family planning procedures.
	CREOG & APGO Annual Meeting. Gaylord National Resort and Convention Center in National Harbor, MD.
3/3/2018	Winds of Change: Bold Innovations in Undergraduate Medical Education in Family Planning.
	CREOG & APGO Annual Meeting. Breakout Session. Gaylord National Resort and Convention Center in National Harbor, MD.
4/6/2018	<i>Contraception Update</i> University of Iowa Family Medicine Annual Refresher Course. Coralville Marriott Hotel and Conference Center. Coralville, IA
10/19/2018	<i>Starting a sustainable Post-Placenta LARC Program</i> Society of Family Planning: North American Forum on Family Planning Hyatt Regency Hotel and Conference Center. New Orleans, LA
2/5-7/2019	Building a Ryan Program: multi-day workshop for new Ryan program directors and coordinators <i>Examples of Ryan Programs</i>

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	Collaborating with an Independent Abortion Clinic Building Enthusiasm for Training and Mentoring Developing Institutional Leadership And now you know how to build a Ryan Program? Workshop Wrap up Laurel Center, University of California, San Francisco. Ryan Program National Office
1/17/2019	Topic in Complex Contraception and Reproductive Justice Visiting Professor for Broadlawns Family Medicine Residency Broadlawns Medical Center, Des Moines, IA
2/13/2019	Topics in Complex Contraception and Reproductive Justice Visiting Professor for Quad Cities Genesis Family Medicine Residency Genesis Family Medicine Center, Davenport, IA
4/10/2019	<i>Evaluation and Treatment of Abnormal Uterine Bleeding</i> Visiting Professor for Northeast Iowa Medical Education Foundation Northeast Iowa Family Medicine Residency Program, Medical Arts Building, Waterloo, IA
5/7/2019	Engaging, Inspiring and Influencing Future Abortion Providers National Abortion Federation Annual Meeting Sheraton Grand Hotel. Chicago, IL 5/4-7
10/19/2019	Mentoring physicians who provide abortion care: navigating personal relationships, professional conflicts and career transitions Annual Forum on Family Planning, Society of Family Planning JW Marriot, Los Angeles, CA. 10/18-21

IV. SERVICE

Professional Affiliations

2002-2006	Member and past officer, Medical Students for Choice
2002-current	Member, American Medical Women's Association
2007-current	Member, Physicians for Reproductive Choice and Health
2011-current	Member, American Institute of Ultrasound Medicine

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2008-current	Member, Society for Women's Health Research
2011-2016	Junior Fellow, Society for Family Planning
2013-present	Member, Society for Academic Specialists in General Obstetrics and Gnecology
2016-present	Full Fellow, Society of Family Planning

Offices held in professional organizations

2003-2004	American Medical Women's Association President of Creighton School of Medicine Section
2006-2010	American College of Obstetricians and Gynecologists Section Vice chair

Department, collegiate and university national committees

2006-06/2010	RISE Committee
	Resident Information Service/Technology Committee
	Dartmouth-Hitchcock Medical Center, Graduate Medical
	Education Advisory Committee
2007-2008	Electronic Prenatal Record Work Group
	Dartmouth-Hitchcock Medical Center, Department of Obstetrics & Gynecology
2008-06/2009	Medical Abortion Protocol Committee, Dartmouth-Hitchcock
	Medical Center, Department of Obstetrics & Gynecology
05/2008-06/2009	Resident Interview Planning Committee
	Dartmouth-Hitchcock Medical Center, Department of Obstetrics &
	Gynecology
4/2014-2016	Labor and Delivery infection prevention committee
	University of Iowa Hospitals and Clinics
5/2016-1/2018	Labor and Delivery Safety Standards committee
	University of Iowa Hospitals and Clinic

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3/2015-present	Supervisor of Natasha Clark, ARNP (2017); Abbey Costello, ARNP; Brandy Mitchell, ARNP University of Iowa Hospitals and Clinics Women's Health Center
10/2018-present	Gynecology Standards and Safety Committee University of Iowa Hospitals and Clinic
10/2018-present	Pharmacy and Therapeutics Committee University of Iowa Hospitals and Clinic
10/2018-present	Procedural Sedation Committee University of Iowa Hospitals and Clinics, OB/GYN representative
11/2018-present	Women's Services Leadership Committee University of Iowa Hospitals and Clinics

Relevant community involvement

2002-2006	YWCA Omaha Women against Violence
	Sexual assault medical advocate and hotline volunteer
2008	Women's Health and Contraception Class taught at The Haven, a family homeless shelter White River Junction, VT
04/2009	Women's Health, Contraception and STD's Class taught at Tri Delta Sorority, Dartmouth College; Lebanon, NH
12/2010-11/2015	Board Member, Iowa Abortion Access Fund, Iowa City, Iowa
9/2011-present	Emma Goldman Clinic—Women Migrant Worker Clinic Volunteer, African American Clinic Volunteer, LGBT Clinic Volunteer
10/19/2013	Keynote speaker: Iowa Abortion Access Fund Annual Auction.
9/2014	Consultant for contraception for Brides Magazine.
10/18/2014	Keynote speaker: Iowa Abortion Access Fund Annual Auction.

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7/14/2016, 7/16/2017	Speaker at Day or Remembrance, ceremony to honor those how have lost pregnancies and children
1/19/2018	Keynote Speaker Emma Goldman CHOICE Fundraising Event. Brown St. Inn, Iowa City, IA
2/24/2018	Keynote Speaker: Vaginal Monologues by Medical Students for Choice. Proceeds to benefit Emma Goldman Clinic
10/13/2018	Keynote Speaker: No Foot Too Small Gala event. Graduate Hotel Event Center, Iowa City, IA
11/27/2018	Opinion Editorial: <i>Patient's should be able to make decisions without politicians interfering</i> . <u>https://www.press-citizen.com/story/opinion/letters-to-the-editor/2018/11/27/patients-should-able-make-decisions-without-interference/2123447002/</u> Iowa City Press-Citizen, USA Today Network

International experience and involvement

Summer 2002	Bermuda Biological Station for research—Effect of greenhouse gas on coral reproduction and growth. <i>St. Georges, Bermuda</i>
Summer 2003	Project C.U.R.E.— Creighton University Relief Effort <i>Chimbote, Peru</i>
2/2006	Obstetrics in a Developing Nation—Medical school rotation Santiago and surrounding areas, Dominican Republic