

Curriculum Vitae

Date Prepared: February 12, 2025
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Education

08/93-05/97	BA summa cum laude	Psychology/Policy Studies	Rice University
08/98-06/02	MD	Medicine	Harvard Medical School
09/07-06/09	MAS	Clinical Research	University of California, San Francisco

Postdoctoral Training

06/02-06/03	Intern	Obstetrics & Gynecology	BWH/MGH Integrated Residency Program
07/03-06/06	Resident	Obstetrics & Gynecology	BWH/MGH Integrated Residency Program
07/06-06/09	Fellow	Maternal-Fetal Medicine	University of California, San Francisco

Faculty Academic Appointments

09/09-06/11	Instructor	Obstetrics, Gynecology and Reproductive Biology	Harvard Medical School
06/11-09/17	Assistant Professor	Obstetrics, Gynecology and Reproductive Biology	Harvard Medical School
09/17-07/22	Associate Professor	Obstetrics, Gynecology and Reproductive Biology and Population Medicine	Harvard Medical School
08/22-	Professor	Obstetrics and Gynecology	University of South Florida Morsani College of Medicine Collaborative Appointment, College of Public Health

Appointments at Hospitals/Affiliated Institutions

Past

07/06-06/09	Clinical Instructor	Obstetrics & Gynecology	San Francisco General Hospital
07/06-06/09	Clinical Instructor	Obstetrics & Gynecology	Moffitt-Long Hospital
10/06-06/09	Staff Physician	Obstetrics & Gynecology	St. Luke's Hospital, San Francisco
09/09-07/22	Assistant in Obstetrics and Gynecology	Obstetrics & Gynecology	Massachusetts General Hospital

Current

08/22-	Staff Physician	Obstetrics & Gynecology	Tampa General Hospital
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Major Administrative Leadership Positions

Local

2005-2006	Administrative Chief Resident, Integrated Residency Program in Obstetrics and Gynecology	Brigham & Women's Hospital/ Massachusetts General Hospital
2012-2022	Director of Obstetric Services, Multidisciplinary Fetal Care Group	Massachusetts General Hospital
2013-2015, 2021-2022	Associate Program Director, Maternal-Fetal Medicine Fellowship	Massachusetts General Hospital
2015-2021	Program Director, Maternal-Fetal Medicine Fellowship	Massachusetts General Hospital
2016-2022	Director of Obstetric Research	Massachusetts General Hospital
2018-2022	Division Chief, Maternal-Fetal Medicine	Massachusetts General Hospital
2018-2022	Director, Deborah Kelly Center for Clinical Research in Obstetrics and Gynecology	Massachusetts General Hospital
2022-	Vice Chair of Clinical Operations	University of South Florida Morsani College of Medicine Department of Obstetrics and Gynecology
2023-	Vice Chief for Operations and Strategy	Tampa General Hospital Women's Institute

Committee Service

Local

2004-2006	Education Committee	Brigham & Women's Hospital
2004-2006	Partners Education Committee	Brigham & Women's Hospital/ Massachusetts General Hospital
2005-2006	Residency Governance Committee, Integrated Residency Program in Obstetrics and Gynecology	Brigham & Women's Hospital/ Massachusetts General Hospital
2008-2009	Ultrasound Protocol Committee, Prenatal Diagnosis Center	University of California, San Francisco
2010-2017	Institutional Review Board	Massachusetts General Hospital
2012-2022	Program Evaluation Committee, Integrated Residency Program in Obstetrics and Gynecology	Brigham & Women's Hospital/ Massachusetts General Hospital
2014-2022	Obstetrics Clinical Competency Committee	Brigham & Women's Hospital/ Massachusetts General Hospital
2023-	Core Faculty	USF OBGYN Residency, MFM Fellowship
2023-	Program Evaluation Committee	USF OBGYN Residency, MFM Fellowship

Regional

2011-2017	Program Services Committee	March of Dimes- Massachusetts Chapter
	2013-2016	Chair
2011-2015	Grant Review Committee	March of Dimes- Massachusetts Chapter
2012-2013	Clinical Advisory Board	Isis Parenting

National

2014	Writing Group on Periviable Birth	Society for Maternal-Fetal Medicine and American College of Obstetricians and Gynecologists Obstetric Care Consensus Group
2016	Accreditation Council for Graduate Medical Education/American Board of Obstetrics and Gynecology Working Group for the Maternal-Fetal Medicine Milestones Project	American Board of Obstetrics and Gynecology
2016	Beyond Ultrasound First: Forum on Quality and Standardization of Ultrasound in OB/GYN Imaging	American College of Obstetrics and Gynecology
2017	SMFM/AIUM Task force on ultrasound curriculum development and competency assessment for Maternal-Fetal Medicine Fellowship	American College of Obstetrics and Gynecology
2018	AIUM Committee to revise the practice parameter for the performance of fetal echocardiography	American College of Obstetrics and Gynecology
2018	Invited participant for Standard setting for Maternal-Fetal Medicine Qualifying (written) examination	American Board of Obstetrics and Gynecology

2018-2021	Education Committee	Society for Maternal-Fetal Medicine
2021-	Oral Board Examiner	American Board of Obstetrics and Gynecology
2021	DIF Fairness Panel	American Board of Obstetrics and Gynecology
2022-	Certifying Examination Development Committee	American Board of Obstetrics and Gynecology

Professional Societies

2002-2006	American Medical Association	Member
2002-2022	Massachusetts Medical Society	Member
2002-	American College of Obstetricians & Gynecologists	Member
	2015-2023	ACOG Committee on Obstetric Practice Bulletins- now Clinical Practice Guidelines- Obstetrics (Chair effective May 2020)
	2020-2023	ACOG Committee on Clinical Consensus- Obstetrics (Liaison from ACOG OB-CPG)
	2023-	ACOG Clinical Document Review Committee-Obstetrics
2005-	Society for Maternal-Fetal Medicine	Member
	2013	Abstract Judge, Annual Meeting
	2016	Oral session judge, Annual Meeting
	2019	Oral session judge, Annual Meeting
	2018-2020	Education Committee
	2020	Oral session judge, Annual Meeting
	2020-2023	Publications Committee (Liaison from ACOG OB-CPG)
	2024-	Publications Committee (Regular member)
	2024	Oral session facilitator, Abstract Reviewer
2006-2020	Society for Medical Decision Making	Member
	2016	Abstract reviewer, Annual meeting
2012-2018	Boston Obstetric Society	Member
2020-	American Gynecological and Obstetrical Society	Member

Grant Review Activities

2011	Massachusetts March of Dimes	Program services grant reviewer
2014	Deborah Kelly Center	Massachusetts General Hospital Grant reviewer
2015	Scholars Program	Massachusetts General Hospital Grant reviewer
2018	Patient Centered Outcomes Research Institute (PCORI) Pragmatic Clinical Trials Review Panel	Scientist reviewer

2018	Patient Centered Outcomes Research Institute (PCORI) Medication Assisted Treatment Review Panel	Scientist reviewer
2020, 2022	NIH Study Section: Clinical Management of Patients in Community Based Settings	Ad Hoc Reviewer
2020	NIH Study Section: Infectious Diseases, Reproductive Health, Asthma, and Pulmonary Conditions Study Section	Ad Hoc Reviewer
2021	Patient Centered Outcomes Research Institute (PCORI) Improving Healthcare Systems Review Panel	Scientist reviewer
2022	NIH RFA-NR-22-002: Advancing Integrated Models (AIM) of Care to Improve Maternal Health Outcomes among Women Who Experience Persistent Disparities	Reviewer
2022	Patient Centered Outcomes Research Institute (PCORI) Maternal Outcomes Review Panel	Scientist reviewer
2023	NIH Panel PAR-22-233 Time Sensitive Opportunities for Health Research	Reviewer
2023	NIH panel focused on Advancing Integrated Models (AIM) of Care to Improve Maternal Health Outcomes among Women Who Experience Persistent Disparities	Reviewer
2023	PCORI Partnering Research and Community Organizations for Novel Health Equity Research: Addressing Health Systems Factors and Social Determinants of Maternal Health Panel	Reviewer
2024	PCORI Broad Pragmatic Studies Review Panel	Scientist Reviewer
2024	NIH Clinical Management in General Care Settings	Invited Reviewer
2024	PCORI Maternal Morbidity and Mortality Panel	Invited Reviewer, Alternate Chair

Editorial Activities

Editorial Board

Associate Editor-Obstetrics for *Obstetrics and Gynecology*

Ad hoc Reviewer

Obstetrics and Gynecology
New England Journal of Medicine
American Journal of Obstetrics and Gynecology
British Journal of Obstetrics and Gynecology
Menopause
Health Affairs

Journal of Perinatology
 Journal of Maternal, Fetal, Neonatal Medicine
 American Journal of Perinatology
 Journal of Ultrasound in Medicine
 BMC Pediatrics
 BMC Health Services Research
 BMC Pregnancy and Childbirth
 Journal of Women's Health

Honors and Prizes

1995-1997	Psi Chi	The International Honor Society in Psychology
1997	Phi Beta Kappa	
2002	Best poster presentation	New England Perinatal Society
2003	Outstanding Teacher of Obstetrics & Gynecology	Harvard Medical School
2004	Best PGY2 Teaching Resident of the Year	Brigham and Women's Hospital/Massachusetts General Hospital (BWH/MGH) Integrated Residency Program In Obstetrics and Gynecology
2006	Humanism Award	Brigham and Women's Hospital/Massachusetts General Hospital (BWH/MGH) Integrated Residency Program In Obstetrics and Gynecology
2006	Partners in Excellence Award	Brigham & Women's Hospital
2007	Best Clinical Fellow Teaching Award	University of California, San Francisco Residency Program
2007	Frank Lynch Memorial Essay	Pacific Coast Obstetrics and Gynecology Society
2008	Best Clinical Fellow Teaching Award	University of California, San Francisco Medical School
2008	Ted Adams Scholarship Award	Pacific Coast Obstetrics and Gynecology Society
2009	Best Clinical Fellow Teaching Award	University of California, San Francisco Residency Program
2012	Outstanding Teacher of Obstetrics	BWH/MGH Integrated Residency Program in Obstetrics and Gynecology
2013	Leadership Academy	Society for Maternal-Fetal Medicine
2013	Outstanding Resident Mentor	BWH/MGH Integrated Residency Program in Obstetrics and Gynecology
2013	Outstanding Teacher of Obstetrics	BWH/MGH Integrated Residency Program in Obstetrics and Gynecology
2014	Nominee, Charles McCabe Faculty Prize for Excellence in Teaching	Harvard Medical School
2015	Council on Resident Education in Obstetrics and Gynecology National Faculty Award	BWH/MGH Integrated Residency Program in Obstetrics and Gynecology
2016	Outstanding Resident Mentor	BWH/MGH Integrated Residency Program in Obstetrics and Gynecology
2018	Excellence in Mentoring Award	Nominee Harvard Medical School
2018	Minehan-Schiff Endowed Scholar	Massachusetts General Hospital
2019	Outstanding Resident Mentor	BWH/MGH Integrated Residency Program in

2020	Outstanding Teacher of Obstetrics	Obstetrics and Gynecology BWH/MGH Integrated Residency Program in Obstetrics and Gynecology
2021	McGovern Award for Clinical Excellence Nominee	Massachusetts General Hospital
2022	Mentor Award	ACOG District I
2022	Outstanding Teacher of Obstetrics	BWH/MGH Integrated Residency Program in Obstetrics and Gynecology
2024	Inductee	USF Alpha Omega Alpha

Report of Funded and Unfunded Projects

Funding Information

Past

- 03/01/07-03/31/08 Evidence Review of Elective Induction in Labor
290-02-0017 AHRQ / Stanford-UCSF Evidence-based Practice Center
Co-Investigator
This project from AHRQ was contracted out to the Stanford-UCSF Evidence-based Practice Center. The project was designed to answer clinical outcomes questions with regards to elective induction of labor.
- 03/01/07-02/28/08 Women’s Satisfaction and Attitudes Regarding Their Labor and Delivery Experience
UCSF Research Evaluation and Allocation Committee
Co- Investigator
This project was designed to collect qualitative data regarding women’s experiences of and preferences regarding the process and outcomes of induction of labor and to develop a questionnaire that measures women’s satisfaction with their labor and delivery process and birth experience.
- 07/01/07-6/30/09 Graduate Research Training in Perinatal Biology
NICHD/5T32HD007162-27
Mentored Scholar (\$117,000)
This was an interdisciplinary post-doctoral program at the University of California San Francisco designed to provide comprehensive training in perinatal science as well as mentored career development for pediatricians and obstetricians with MD or MD, PhD degrees that are committed to academic careers with a strong research component.
- 05/04/12-05/03/13 Deborah Kelly Center for Outcomes Research
Principal Investigator (\$20,000)
This was a prospective examination assessing the patient experience of care and the impact of mode of delivery.
- 10/01/11-9/30/13 NIH Loan Repayment Program
Principal Investigator (\$41,854)
This was an effectiveness study of a decision aid previously shown to be efficacious in improving prenatal testing decision quality in a diverse population of women.

The goal of the study was to collect data regarding the use of the decision aid in real world conditions, and the effect of the availability of the decision aid on knowledge, decision quality, and testing behavior.

- 01/01/16-12/31/16 Dorothy Rackemann Fellowship
Vincent Memorial Hospital/MGH Department of Obstetrics and Gynecology
Principal Investigator (\$30,000)
Harvard Medical School Fellowship to support junior faculty.
This study will assess the impact of patient and provider factors on decision making for primary cesarean delivery.
- 10/17/16-9/30/17 Use of 17-OHP to prevent preterm birth in the HPHC Patient population: Adherence, Outcomes, and Costs
Harvard Pilgrim Health Care Pilot Funding (PI Galbraith)
This study will assess the adherence to evidence based prescribing of 17-OHP for the prevention of recurrent preterm birth in the Harvard Pilgrim Health Care population, with the goal of defining barriers to optimal use. The data from this pilot study will be used to inform an intervention study to promote adherence across a range of patient populations.
- 12/1/2017-11/30/2019 Intranasal Oxytocin as a Means to Enhance Mother-infant Bonding in the Early Postpartum Period
NIH/NICHD R21 HD090396 (PI Dekel)
Role: Co-Investigator (\$252,750)
This phase II clinical trial will test a novel preventive approach in postpartum mothers within the hours and days following childbirth, i.e., during the important time for bonding. We will examine the role of exogenous oxytocin in decreasing postpartum psychopathology and promoting maternal bonding in mothers at risk for postpartum depression and maternal bonding impairment.
- 07/01/14-6/30/20 PROCEED: Effect of a patient-centered decision app on Trial of Labor After Cesarean Section (TOLAC): An RCT
NIH/NICHD R01 HD078748 (PI Kuppermann)
Site Principal Investigator (\$570,215)
This study will address the gap in knowledge regarding the role of patient preferences in decision making regarding delivery approach after prior cesarean and combine the newly gained information with a validated VBAC risk calculator and state-of-the art mobile health technology to create an innovative decision tool for women who are facing the TOLAC decision. Our study also will generate evidence on the effectiveness of this app in increasing TOLAC rates and improving decision quality.
- 04/01/2020-03/31/2022 Project Title: Predictive Modeling of Peripartum Depression
1R03HD101724-01 (PI Dekel)
Role: Co-investigator (\$100,000)
This study proposes to use state-of-the-art machine learning methods to improve the accuracy of the prediction of peripartum depression. We will prospectively explore the combined effect of various disease-related factors and make use of the massive health information in patient medical record to optimize prediction.

04/01/2020-03/31/2022
Project Title: Neural Underpinnings of Postpartum Adaptation Following Traumatic Delivery and Implications for Infant Development
1R21HD100817-01A1 (PI: Dekel)
Role: Co-investigator (\$150,000)
This functional neuroimaging study is aimed to reveal the neural basis of maternal bonding impairment in childbirth-related PTSD. We will examine possible neural alterations in mothers PTSD following traumatic delivery and the association of neural alterations with outcomes of bonding and infant development

06/01/2019 – 05/31/2023
Project title: Understanding preferences regarding the offer of elective induction of labor to inform development of a decision support tool
NIH/NICHD R21HD098496 (PI Kaimal)
Role: Principal Investigator (\$419,301)
The goals of this study are to conduct formative research among pregnant women and prenatal care providers regarding how they would view the offer of elective induction of labor at 39 weeks, to use this information in the creation of a prototype decision tool regarding elective induction, and to conduct a pilot study of feasibility and acceptability of the tool.

Current

04/01/2022-8/31/2024
Project Title: Epidemiology of prehospital obstetric conditions and out-of-hospital deliveries in the US
R21 (PI: Cash)
Role: Co-Investigator (\$462,001)
This is a national study of prehospital OB conditions and out of hospital deliveries to gain a better understanding of the epidemiology of these encounters, frequency of patient safety events during care, and factors associated with these events.

07/01/2022-6/30/2026
Project Title: Reducing Maternal Health Disparities: Effects of recent health workforce policies
R01 (PI: Yu)
Role: Co-Investigator (\$115,368)
The goal of this work is to assess the effect of the recent National Health Service Corps (NHSC) expansion on women’s health and health care disparities. The overarching goal is to inform policymaking on the geographical distribution of clinicians through empirical analysis of the ongoing federal program whose charge is to reduce health care workforce shortages in underserved areas.

09/01/2023-3/31/2028
Project Title: The Impact of Including Pregnancy as a Qualifying Event for Marketplace Special Enrollment on Child and Maternal Health
R01 (PI: Garabedian)
Role: Co-Investigator
This study will describe the Marketplace enrollment by pregnancy people and assess the impact of changing policies regarding pregnancy as a qualifying life event on enrollment and prenatal care as well as maternal and child health outcomes.

06/01/2023-5/31/2028
Project Title: DECIDE: A Comparative Effectiveness Trial of Oral Metformin versus Injectable Insulin for the Treatment of Gestational Diabetes
PCORI B (PI: Landon/Venkatesh)
Role: Co-Investigator/Site PI

This is a non-inferiority patient-centered and pragmatic randomized controlled trial (RCT) of 1,572 individuals with gestational diabetes (GDM) comparing the effectiveness of starting treatment with oral metformin that may require supplemental insulin to starting treatment with injectable insulin. Maternal and child follow-up will be conducted through 2-years postpartum. The study is being conducted by the DECIDE Study Consortium consisting of twenty clinical centers.

Pending

09/01/2024-
8/31/2028

Project Title: Decreasing Preventable Respiratory Morbidity Among Late Preterm Births
R01 (MPI: Clapp/Melamed)

Role: Co-Investigator

The objective of this study is to reduce preventable neonatal respiratory morbidity by generating clinical evidence to help obstetricians, neonatologists, and policymakers reach consensus on appropriate antenatal late preterm steroid (ALPS) administration in the US

Current Unfunded Projects

- 2019- Utilization of electronic health record data elements to better risk stratify obstetric patients/Mentor
- 2020- COVID-19 and pregnancy/Co-investigator
- 2022- Periviability pregnancy outcomes/Mentor
- 2022- Use of quasi-experimental methods to explore changes in obstetric policy regarding late preterm steroids and progesterone for prevention of preterm birth

Report of Local Teaching and Training

Teaching of Students in Courses

1999-2000	Physiology 1 st year medical students	Harvard Medical School Three 2-hour tutorial sessions
2001-2002	Physical Examination & Differential Diagnosis, Patient-Doctor II 2 nd year medical students	Massachusetts General Hospital, Harvard Medical School Weekly ½ day small group teaching
2007-2009	Lifecycle 1 st year medical students	University of California, San Francisco One hour lecture yearly
2008	Epidemiologic Methods Postdoctoral Fellows, Masters and Certificate Students in Advanced Training for Clinical Research	University of California, San Francisco Weekly 1.5 hour session with lecture, discussion and homework review
2009-2022	Essentials of the Medical/Surgical Complications of Pregnancy 3 rd year Harvard Medical students	Massachusetts General Hospital One hour lecture- several times per year

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

2009, 2011	Fetal CNS and Spine Radiology Residents	Massachusetts General Hospital One hour lecture
2010	Pathogenesis and Prediction of Pre-term Delivery Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2010	Developmental Origins of Health & Disease Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2011	Nonimmune Hydrops Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2011	Pregnancy & Rheumatic Diseases Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2011	Critical Care in Pregnancy Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2012	Antepartum Fetal Assessment by Ultrasonography: The Fetal Biophysical Profile Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2012	The Role of Doppler Ultrasound in OB Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2012	Hemolytic Disease of the Newborn Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2012	Cardiac Rhythm Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2012	TB Guidelines/Treatment/Screening/T-Spot Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2013	U/S of Fetal Neural Axis Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2013	Basic Statistics Every MFM Fellow Should Know Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture

2013	Critically Ill Patient Review Blood Gases Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2013	Ultrasound Evaluation During First Trimester of Pregnancy Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2013	Placental Respiratory Gas Exchange and Fetal Oxygenation Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2013	Research Database Development Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2014	Intensive Care Considerations for the Critically Ill Parturient Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2014	Tachyarrhythmias & Bradyarrhythmias Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2014	Assessment and Induction of Fetal Pulmonary Maturity Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2014	Fetal Lung Development and Sufactant Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2014	Ultrasound Intro Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2014	Fetal Heart: Normal Circulation, Normal Structure, Ultrasound Techniques Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2014	Fetal Review of Dopplers: Techniques and Uses Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2015	Principles of Clinical Cytogenetics Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2015	Cancer Treatment in Pregnancy - Board Review Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2015	Hemolytic disease of the fetus and newborn Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2016	Management/Workup of IUGR Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2016	Amnio Simulation Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2016	Stillbirth Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2016	Umbilical Cord Gas Evaluation Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2016	Cervical Pessaries Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2016	Nonimmune Hydrops Maternal-Fetal Medicine Fellows	Massachusetts General Hospital One hour lecture
2016	Fetal Heart- Imaging of normal anatomy	Massachusetts General Hospital

2017	Maternal-Fetal Medicine Fellows Principles of Clinical Cytogenetics	One hour lecture Massachusetts General Hospital
2017	Maternal-Fetal Medicine Fellows Fetal transfusion	One hour lecture Massachusetts General Hospital
2017	Maternal-Fetal Medicine Fellows Fetal cardiac anomalies	One hour lecture Massachusetts General Hospital
2018	Maternal-Fetal Medicine Fellows Fetal Assessment	One hour lecture Massachusetts General Hospital
2018	Maternal-Fetal Medicine Fellows Preeclampsia in the periviable period	One hour lecture Massachusetts General Hospital
2019	Maternal-Fetal Medicine Fellows Research Methods	One hour lecture Massachusetts General Hospital
2019-2022	Maternal-Fetal Medicine Fellows Monthly Ultrasound/Anomalies Lecture	One hour lecture Massachusetts General Hospital
2021	Maternal-Fetal Medicine Fellows Fetal Growth Abnormalities	One hour lecture each month Massachusetts General Hospital
2021	MGH/ BWH OBGYN Residents Counseling for common ultrasound findings	One hour lecture each month Massachusetts General Hospital
2023	Maternal-Fetal Medicine Fellows Respiratory Diseases in Pregnancy	One hour lecture University of South Florida
	Maternal-Fetal Medicine Fellows	One hour lecture

Clinical Supervisory and Training Responsibilities

Prior appointment – University of California, San Francisco

2006-2009	San Francisco General Hospital Obstetrics Clinic Preceptor	½ day per week
2006-2009	Moffitt-Long Labor and Delivery Supervision of Medical Students and Residents on the Inpatient Obstetrics service	3 months in the first year, weekdays 3-4 calls per month

Prior Appointment - Massachusetts General Hospital

2009-2022	Ultrasound/Prenatal Diagnostic Unit Supervision of MFM Fellows	½ day per week
2009-2022	Antepartum Service Supervision of MFM Fellows	7 weeks per year
2009-2022	Labor and Delivery Supervision of Medical Students and Residents	2 days per month plus overnight call 2 out of 3 months

Current Appointment – University of South Florida, Tampa General Hospital

2022-	Ultrasound/Prenatal Diagnostic Unit Supervision of MFM Fellows	1.5 days per week
2022-	Antepartum Service Supervision of MFM Fellows, Residents	1-5 days per month
2022-	Labor and Delivery Supervision of Medical Students and Residents	1-2 days per month plus 1 overnight call per month

Formally Supervised Trainees

- 2009 Vanitha Janakiraman, MD, MPH/ Maternal-Fetal Medicine Faculty, Kaiser Walnut Creek
Supervised Dr. Janakiraman's fellowship research project, Manuscript published.
- 2010 Katherine O'Malley, MD/ Maternal-Fetal Medicine Faculty, Stanford University
Supervised Dr. O'Malley's residency research project, presented at a national meeting.
- 2011 Brett Young, MD/ Maternal-Fetal Medicine Faculty, Beth Israel Deaconess Hospital.
Supervised Dr. Young's fellowship research project. Manuscript published.
- 2011-2014 Sorapop Kiatpongsan, MD/Faculty,
Mentor, Dissertation Committee Member. Multiple abstracts presented. Winner of the
Lee Lusted Prize from the Society for Medical Decision Making.
- 2012 Anthony Imudia, MD/ Faculty, Reproductive Endocrinology, University of South Florida.
Co-mentored Dr. Imudia's fellowship research project. Manuscript Published.
- 2013 Teresa Sparks, MD/Maternal-Fetal Medicine and Genetics Fellow, University of
California, San Francisco. Supervised Dr. Spark's residency research project, presented at
a national meeting.
- 2013-2015 Michael Honigberg, MD, MPP/Internal Medicine Resident, Brigham and Women's
Hospital
Supervised medical student research project, presented at a national meeting, manuscript
submitted.
- 2013-2015 Rachel Pilliod, MD/Maternal-Fetal Medicine Fellow (2016-2019), Faculty, 2019-, Oregon
Health and Sciences University. Co-mentor for Dr. Pilliod's residency research project.
Manuscript published.
- 2013-2016 Mariam Naqvi, MD/Maternal-Fetal Medicine Faculty (2016-2019), Mt. Sinai Hospital,
Cedars-Sinai, 2019-. Supervised Dr. Naqvi's fellowship research project. Manuscript
published.
- 2014-2015 Stephanie Guseh, MD/Maternal-Fetal Medicine Fellow, Brigham and Women's Hospital.
Supervised Dr. Guseh's residency research project, presented at a national meeting. .
- 2014- Lori Berkowitz, MD/OB/GYN Faculty, Massachusetts General Hospital
Faculty mentor for Association of Professors of Gynecology and Obstetrics/Council on
Resident Education in Gynecology and Obstetrics Research Program. Project presented at
a national meeting. Manuscript published.
- 2014-2016 Cassie Bigelow, MD/Maternal-Fetal Medicine Fellow (7/16), Mt Sinai Hospital.
Supervised Dr. Bigelow's residency research project, presented at a national meeting.
Manuscript published.
- 2015-2017 Kartik Venkatesh, MD, PhD/OB/Gyn Resident, now Maternal-Fetal Medicine Faculty.
Supervised Dr. Venkatesh's residency research project. Manuscript published.
- 2016-2019 Mark Clapp, MD, MPH, Maternal-Fetal Medicine Fellow, now faculty, Massachusetts
General Hospital
Mentor for several projects during fellowship. Multiple manuscripts accepted. Seven
grant applications submitted- five funded, including a career development award
- 2018-2022 Taylor Freret, MD, OB/Gyn Resident, MFM Fellow, now MFM Faculty, Beth Israel
Deaconess. Mentor for multiple research projects during residency and fellowship.
- 2022- Peeraya Sawangkum, MD, MFM Fellow. Mentor for periviability research project;
working with COPH faculty.

Mentees

- 2013- Mariam Naqvi, MD, Maternal-Fetal Medicine Staff, Cedars-Sinai
- 2013-2022 Sharon Dekel, PhD, Psychiatry Faculty, Massachusetts General Hospital

2014- Erik Clinton, MD, OB/Gyn Faculty, Massachusetts General Hospital
 2014- Lori Berkowitz, MD, OB/GYN Faculty, Massachusetts General Hospital
 2015-2022 Kartik Venkatesh, MD, PhD, MFM Faculty, The Ohio State University
 2015-2022 Amy Stagg, MD, OB/Gyn Faculty, Massachusetts General Hospital
 2018-2023 Lauren Hanley, MD, OB/GYN Faculty, Family Health Centers of San Diego
 2019- Rose Molina, MD, OBGYN Faculty, BIDMC, Harvard Medical School
 2021- Leland Hull, MD, Medicine Faculty, MGH, Harvard Medical School
 2021- Taylor Freret, MD, OB/GYN Resident, MFM Fellow, now MFM faculty, Harvard Medical School
 2021- Victoria Grunberg, PhD, Neonatology Faculty, MGH, Harvard Medical School
 2022- Peeraya Sawangkum, MFM Fellow, University of South Florida

Formal Teaching of Peers

No presentations below were sponsored by outside entities

2008	Cutting the Cord: Management of the Third Stage Antepartum and Intrapartum Management CME Course University of California, San Francisco	Lecture San Francisco
2008	The Use of Fetal Fibronectin and Cervical Length Obstetrics and Gynecology Update CME Course, University of California, San Francisco	Lecture San Francisco
2009	Induction of Labor: What do women want? Antepartum and Intrapartum Management CME Course University of California, San Francisco	Lecture San Francisco
2011-2017	Diagnosis and Management of the Short Cervix Topics in Contemporary Obstetrics and Gynecology, Massachusetts General Hospital/Harvard Medical School	Lecture Boston
2015, 2016	Would you offer this woman a TOLAC? Topics in Contemporary Obstetrics and Gynecology, Massachusetts General Hospital/Harvard Medical School	Lecture Boston
2017, 2019, 2021	Preeclampsia: What Obstetricians and Cardiologists need to know Massachusetts General Hospital/Partners Healthcare	Lecture Boston
2019	First trimester ultrasound and Cell free DNA: More is Better Society for Maternal Fetal Medicine	Lecture Las Vegas, NV
2021	Access to Reproductive Services: Implications for Maternal Morbidity and Mortality Antepartum and Intrapartum Management CME Course University of California, San Francisco	Lecture San Francisco, CA
2021	Management of the malpositioned fetus in labor Antepartum and Intrapartum Management CME Course University of California, San Francisco	Lecture San Francisco, CA
2021	Fetal Heart Rate Monitoring Antepartum and Intrapartum Management CME Course University of California, San Francisco	Panel San Francisco, CA

Local Invited Presentations

No presentations below were sponsored by outside entities

- 2003 Cervical Lymphoma / Resident Teaching Conference
Department of Obstetrics and Gynecology, Massachusetts General Hospital
- 2004 Endometriosis Associated Ovarian Cancer / Resident Grand Rounds
Department of Obstetrics and Gynecology, Brigham and Women's Hospital
- 2005 Medical Treatment of Ectopic Pregnancy / Resident Teaching Conference
Department of Obstetrics and Gynecology, Massachusetts General Hospital
- 2005 Progesterone for Prevention of Preterm Birth / Resident Grand Rounds
Department of Obstetrics and Gynecology, Brigham and Women's Hospital
- 2006 Management of Tubo-Ovarian Abscess / Gynecology conference
Department of Obstetrics and Gynecology, Brigham & Women's Hospital
- 2010 Improving patient-centeredness and patient-provider communication in Obstetrics and Gynecology / Grand Rounds
Department of Obstetrics and Gynecology, Massachusetts General Hospital
- 2011 Fetal Surgery for Myelomeningocele: Implications of the MOMs trial for prenatal counseling/Grand Rounds
Pediatric Surgery and Pediatric Anesthesia Conference, Massachusetts General Hospital
- 2015 Understanding risk, preferences, and obstetric decision making: Optimizing approach to delivery after cesarean / Grand Rounds
Department of Obstetrics and Gynecology, Massachusetts General Hospital
- 2016 Primary cesarean delivery: Much to do, or much ado about nothing?/Grand Rounds
Department of Obstetrics and Gynecology, Massachusetts General Hospital

Report of Regional, National and International Invited Teaching and Presentations

Invited Presentations and Courses

Regional

No presentations below were sponsored by outside entities

- 2010 Progesterone and Antenatal Steroids: Evidence Based Interventions to Reduce Preterm Birth and its Complications
Massachusetts March of Dimes Healthy Baby Symposium, Waltham, MA
- 2011 Diagnosis and Management of the short cervix / Grand Rounds
Department of Obstetrics and Gynecology, North Shore Medical Center, Salem, MA
- 2012 It Takes a Village: Bridging the Gaps in Perinatal Care / Panel Member
Isis Parenting Panel, Needham, MA
- 2013 Diagnosis and Management of Intrauterine Growth Restriction / Grand Rounds
Department of Obstetrics and Gynecology, North Shore Medical Center, Salem, MA
- 2016 Update on Zika Virus Infection/Grand rounds
Department of Obstetrics and Gynecology, North Shore Medical Center, Salem, MA
- 2016 Trials and Tribulations of Trial of Labor after Cesarean/Grand Rounds
Department of Obstetrics and Gynecology, North Shore Medical Center, Salem, MA
- 2017 Optimizing decision making for cesarean delivery/Grand Rounds
Department of Obstetrics and Gynecology, Tufts Medical Center, Boston, MA
- 2018 Management of hypertension in pregnancy/Grand Rounds
Department of Obstetrics and Gynecology, North Shore Medical Center, Salem, MA
- 2018 Understanding risk, preferences, and decision making: Optimizing the approach to delivery after cesarean. Boston Children's Hospital, Boston, MA

- Pediatrics Health Services Research Seminar
- 2018 Optimizing Evidence-Based, Patient-Centered Care in Obstetrics and Gynecology
China Program for Health Innovation and Transformation, Harvard Medical School,
Boston, MA
- 2019 Understanding Risk: Optimizing the approach to delivery after cesarean.
Beth Israel/Deaconess Medical Center Newborn Epidemiology and Clinical Research
Series, Boston, MA
- 2020 Understanding risk: Optimizing approach to delivery after cesarean
Tufts Medical Center Department of Obstetrics and Gynecology Grand Rounds, Boston,
MA
- 2021 Advancing equitable, risk-appropriate, patient-centered maternity care: Trial of labor after
cesarean and Elective induction of labor
Brigham and Women's Hospital Department of Obstetrics and Gynecology Grand Rounds,
Boston, MA
- 2021 Advancing equitable, risk-appropriate, patient-centered care
Beth Israel/Deaconess Medical Center Department of Obstetrics and Gynecology Grand
Rounds, Boston, MA
- 2021 Advancing equitable, risk-appropriate, patient-centered care
North Shore Medical Center Department of Obstetrics and Gynecology Grand Rounds,
Salem, MA
- 2021 Hypertensive disorders of pregnancy: Peripartum management
Lawrence General Hospital Grand Rounds, Lawrence, MA

National

No presentations below were sponsored by outside entities

- 2011 Measuring Obstetric Quality: Which Measure? Which Data? From Where?/ Presentation
Society for Maternal-Fetal Medicine Annual Meeting, Informatics Interest Group.
- 2013 Understanding Risk: Implications of Health Literacy and Numeracy for Vaccination /
Presentation
National Vaccine Advisory Council Meeting, Washington, DC
- 2015 Optimizing Evidence-Based, Patient-Centered Care in Obstetrics and Gynecology:
Understanding Risks, Preferences and Decision Making / Presentation
The George Washington University, Washington, DC
- 2018, 2019, 2021 Optimizing shared decision making in MFM and Neonatology: Counseling at the limits of
Viability/Presentation.
American Association of Pediatrics Perinatal Medicine Conference, Scottsdale, AZ
- 2019 First Trimester Ultrasound in the Age of Cell Free DNA: Yes or No?/Presentation
Society for Maternal-Fetal Medicine
- 2019 What are the factors to access care and services and the continuity of care issues for high
risk women?/Presentation.
Society for Maternal-Fetal Medicine Workshop on reproductive services for women at
high risk for maternal mortality. Las Vegas, NV.
- 2019 Counseling women at high risk for maternal mortality/Presentation.
Society for Maternal-Fetal Medicine Workshop on reproductive services for women at
high risk for maternal mortality. Las Vegas, NV.
- 2019 Optimizing approach to delivery after cesarean/Presentation
Harbor-UCLA Medical Center Grand Rounds
- 2021 Advancing equitable, risk-appropriate, patient-centered maternity care

- 2022 University of South Florida Department of OB/GYN Grand Rounds
Universal Anticoagulation after Cesarean- Must do or a bit too Much?/Presentation
Society for Maternal-Fetal Medicine
- 2022 Advancing equitable, risk-appropriate, patient-centered maternity care
University of Colorado Denver Department of OB/GYN Grand Rounds
- 2022 Makena Hearing/FDA Consultant
Obstetrics, Reproductive and Urologic Drugs Advisory Committee (ORUDAC)
- 2024 Advancing Drug Development for the Prevention of Spontaneous Preterm Birth/panelist
Duka-Margolis Center for Health Policy

Report of Clinical Activities and Innovations

Licensure and Certification

- 2006 -2024 California Medical License
- 2009-2024 Massachusetts Medical License
- 2021-2023 New Hampshire Medical License
- 2022- Florida Medical License
- 2007- Diplomate, American Board of Obstetrics and Gynecology - Obstetrics and Gynecology
- 2011- Diplomate, American Board of Obstetrics and Gynecology - Maternal-Fetal Medicine

Clinical Innovations

- Establishment of Multidisciplinary Fetal Care Program
Given my interests in optimizing patient-provider communication in obstetrics, I co-founded the MGH Multidisciplinary Fetal Care Program to optimize the care and counseling of women diagnosed with fetal anomalies during pregnancy. These complicated diagnoses often require multiple consultations and developing a comprehensive understanding the implications of a prenatal diagnosis of these conditions can be challenging for patients and providers alike. We have organized regular conferences to improve multidisciplinary communication and we now have two full time fetal care coordinators as our volume has grown, averaging over 200 referrals per year when I left MGH.
- Development of the Maternal-Fetal Medicine referral practice from the North Shore
From the time that I joined the faculty at MGH, in addition to my time at the main MGH campus, I spent several days per week in the MGH Danvers office. Through repeated contact with the providers and patients in the North Shore community through patient care as well as grand rounds presentations, I have helped to build the referral practice and relationship.
- Improving shared decision making in Obstetrics
Optimizing the integration of informed patient preferences into obstetric decision making has been an important part of my clinical work, my committee involvement, and my research endeavors. Through initiatives within the department, collaborations with other departments, committee work, and published and ongoing research, I have worked to facilitate the integration of patient preference into decision making regarding prenatal diagnosis, cesarean delivery, opioid prescribing, and counseling in the periviable period. The goal of my current NICHD funded research is the development of decision tool to optimize the equitable offer of elective induction of labor.

Development of satellite Maternal-Fetal Medicine Practice at Wentworth Douglas Hospital

In 2021, MGH Maternal-Fetal Medicine contracted to provide MFM services at an affiliated site, Wentworth-Douglas Hospital. As the MFM Division Chief, I led efforts to establish the practice, working with the referring providers to support their clinical protocols as well as providing ultrasound and consultation. Services are currently provided 1 day per week and MGH MFM supports QA and case review activities.

Development of TGH Accreta Protocol

Care for patients with need for planned and unplanned cesarean hysterectomy was identified as an area of need when I joined USF and TGH. I met with stakeholders from across the institution and developed a protocol that we are now using to schedule and staff these cases. Overall feedback has been positive, and we plan to continue to streamline the process.

Collaboration with Anesthesia to optimize L+D Support

Given the uniquely high acuity and volume on the TGH labor floor, appropriate anesthesia staffing is essential for performance of high quality, patient-centered care. I have worked with the TeamHealth Anesthesia leadership as well as the TGH Service Line Leadership to improve anesthesia support. We have achieved some positive changes and are continuing to partner to optimize care.

Report of Scholarship

Peer reviewed publications in print or other media

Research Investigations

1. **Kaimal AJ**, Cheng YW, Bryant AS, Norton ME, Caughey AB. Google Obstetrics: Who is educating our patients? *Am J Obstet Gynecol.* 2008 Jun; 198(6):682.e1-5. PMID: 18538152.
2. Tran SH, Cheng YW, **Kaimal AJ**, Caughey AB. Length of rupture of membranes in the setting of premature rupture of membranes at term and infectious maternal morbidity. *Am J Obstet Gynecol.* 2008 Jun; 198(6):700.e1-5. PMID: 18538159.
3. **Kaimal AJ**, Zlatnik MG, Cheng YW, Thiet MP, Connatty E, Creedy P, Caughey AB. Effect of a change in policy regarding the timing of prophylactic antibiotics on the rate of postcesarean delivery surgical-site infections. *Am J Obstet Gynecol.* 2008 Sep; 199(3):310.e1-5. PMID: 18771995.
4. Wong LF, Caughey AB, Nakagawa S, **Kaimal AJ**, Tran SH, Cheng YW. Perinatal outcomes among different Asian-American subgroups. *Am J Obstet Gynecol.* 2008 Oct; 199(4):382. e1-6 PMID: 18722570.
5. Chen MM, Coakley FV, **Kaimal A**, Laros RK. Guidelines for computed tomography and magnetic resonance imaging use during pregnancy and lactation. *Obstet Gynecol.* Aug 2008;112(2 Pt 1):333-340. PMID: 18669732.
6. Henry DE, Cheng YC, Shaffer BL, **Kaimal AJ**, Bianco K, Caughey AB. Perinatal outcomes in the setting of active phase arrest of labor. *Obstet Gynecol.* 2008 Nov;112:1109-1115. PMID: 18978113.
7. Caughey AB, Sundaram V, **Kaimal AJ**, Cheng YW, Gienger A, Little SE, Lee JF, Wong L, Shaffer BL, Tran SH, Padula A, McDonald KM, Long EF, Owens DK, Bravata DM. Maternal and neonatal outcomes of elective induction of labor. *Evid Rep Technol Assess (Full Rep).* 2009 Mar;(176):1-257. PMID: 19408970.

8. Caughey AB, Sundaram V, **Kaimal AJ**, Gienger A, Cheng YW, McDonald KM, Shaffer BL, Owens DK, Bravata DM. Systematic review: elective induction of labor versus expectant management of pregnancy. *Ann Intern Med.* 2009 Aug 18;151(4):252-263. PMID: 19687492.
9. Jelin AC, Cheng YW, Shaffer BL, **Kaimal AJ**, Little SE, Caughey AB. Early-onset preeclampsia and neonatal outcomes. *J Matern Fetal Neonatal Med.* 2010 May;23(5):389-392. PMID:19670045.
10. **Kaimal AJ**, Smith CC, Laros RK, Jr., Caughey AB, Cheng YW. Cost-effectiveness of private umbilical cord blood banking. *Obstet Gynecol.* 2009 Oct;114(4):848-855. PMID: 19888044.
11. Little SE, Janakiraman V, **Kaimal A**, Musci T, Ecker J, Caughey AB. The cost-effectiveness of prenatal screening for spinal muscular atrophy. *Am J Obstet Gynecol,* 2010; 202(3):253.e1-7. PMID: 20207244.
12. Janakiraman V, Ecker J, **Kaimal AJ**. Comparing the second stage in induced and spontaneous labor. *Obstet Gynecol.* 2010 Sep;116(3):606-611. PMID: 20733442.
13. Caughey AB, **Kaimal AJ**, Odibo AO. Cost-effectiveness of Down Syndrome screening paradigms. *Clin Lab Med.* 2010 Sep;30(3):629-642. PMID: 20638577.
14. Zlatnik MG, Little SE, Kohli P, **Kaimal AJ**, Stotland NE, Caughey AB. When should women with placenta previa be delivered? A decision analysis. *J Reprod Med.* 2010 Sep-Oct; 55(9-10):373-381. PMID: 21043362.
15. **Kaimal AJ**, Little SE, Odibo AO, Stamilio DM, Grobman WA, Long EF, Owens DK, Caughey AB. Cost-effectiveness of elective induction of labor at 41 weeks in nulliparous women. *Am J Obstet Gynecol,* 2011 Feb;204(2):137.e1-9. PMID: 20965482.
16. Esakoff TF, Sparks TN, **Kaimal AJ**, Kim LH, Feldstein VA, Goldstein RB, Cheng YW, Caughey AB. Diagnosis and morbidity of placenta accreta. *Ultrasound Obstet Gynecol.* 2011 Mar;37(3):324-327. PMID: 20812377.
17. Cheng YW, **Kaimal AJ**, Bruckner TA, Halloran DM, Caughey AB. Perinatal morbidity associated with late preterm deliveries compared with deliveries between 37 and 40 weeks of gestation. *BJOG.* 2011 Nov;118(12):1446-1454. PMID: 21883872.
18. Jelin AC, **Kaimal AJ**, Kuzniewicz M, Little SE, Cheng YW, Caughey AB. Preterm preeclampsia: 32 to 37 weeks gestation. *J Matern Fetal Neonat Medicine.* 2012 Nov;25(11)2198-2201. PMID: 22506641.
19. Imudia AN, Awonuga AO, Doyle JO, **Kaimal AJ**, Wright DL, Toth TL, Styer AK. Peak serum estradiol level during controlled ovarian hyperstimulation is associated with increased risk of small for gestational age and preeclampsia in singleton pregnancies after in vitro fertilization. *Fertil Steril.* 2012 Jun;97(6):1374-1379. PMID: 22494926.
20. Cheng YW, **Kaimal AJ**, Snowden JM, Nicholson JM, Caughey AB. Induction of labor compared to expectant management in low-risk women and associated perinatal outcomes. *Am J Obstet Gynecol.* 2012 Dec;207(6):502.e1-8. PMID: 23063017.
21. Imudia AN, Awonuga AO, **Kaimal AJ**, Wright DL, Styer AK, Toth TL. Elective cryopreservation of all embryos with subsequent cryothaw embryo transfer in patients at risk for ovarian hyperstimulation syndrome reduces the risk of adverse obstetric outcomes: a preliminary study. *Fertil Steril.* 2013 Jan;99(1):168-173. PMID: 23025881.

22. Darney BG, Snowden JM, Cheng YW, Jacob L, Nicholson JM, **Kaimal A**, Dublin S, Getahun D, Caughey AB. Elective induction of labor at term compared with expectant management: maternal and neonatal outcomes. *Obstet Gynecol.* 2013 Oct;122(4):761-769. PMID: 24084532.
23. Wu E, **Kaimal AJ**, Houston K, Yee LM, Nakagawa S, Kuppermann M. Strength of preference for vaginal birth as a predictor of delivery mode among women who attempt a vaginal delivery. *Am J Obstet Gynecol.* 2014 May;210(5):440.e1-6. PMID: 24246523.
24. Dukhovny S, Wilkins-Haug L, Shipp TD, Benson CB, **Kaimal AJ**, Reiss R. Absent fetal nasal bone: what does it mean for the euploid fetus? *J Ultrasound Med.* 2013 Dec;32(12):2131-2134. PMID: 24277895.
25. Yee LM, **Kaimal AJ**, Nakagawa S, Houston K, Kuppermann M. Predictors of postpartum sexual activity and function in a diverse population of women. *J Midwifery Womens Health.* 2013 Nov-Dec;58(6):654-661. PMID: 24325662
26. Young BC, Nadel A, **Kaimal A**. Does previa location matter? Surgical morbidity associated with location of a placenta previa. *J Perinatol.* 2014 Apr;34(4):264-7. PMID: 24480901.
27. Houston KA, **Kaimal AJ**, Nakagawa S, Gregorich SE, Yee LM, Kuppermann M. Mode of delivery and postpartum depression: the role of patient preferences. *Am J Obstet Gynecol.* 2015 Feb;212(2):229.e1-7. PMID: 25218957.
28. Clements CC, Castro VM, Blumenthal SR, Rosenfield HR, Murphy SN, Fava M, Erb JL, Churchill SE, **Kaimal AJ**, Doyle AE, Robinson EB, Smoller JW, Kohane IS, Perlis RH. Prenatal antidepressant exposure is associated with risk for attention-deficit hyperactivity disorder but not autism spectrum disorder in a large health system. *Mol Psychiatry.* 2015 Jun;20(6):727-734. PMID: 25155880.
29. Yee LM, **Kaimal AJ**, Houston KA, Wu E, Thiet MP, Nakagawa S, Caughey AB, Fiouzian A, Kupperman M. Mode of delivery preferences in a diverse population of pregnant women. *Am J Obstet Gynecol.* 2015 Mar;212(3):377.e1-24. PMID: 25446662
30. Pilliod RA, Page JM, Burwick RM, **Kaimal AJ**, Cheng YW, Caughey AB. The risk of fetal death in nonanomalous pregnancies affected by polyhydramnios. *Am J Obstet Gynecol.* 2015 Sep;213(3):410.e1-6. PMID: 25981851.
31. **Kaimal AJ**, Norton ME, Kuppermann M. Prenatal testing in the genomic age: quality of life, outcomes, and costs. *Obstet Gynecol.* 2015 Oct;126(4):737-746. PMID: 26348190.
32. Molina RL, Easter SR, Venkatesh KK, Cantonwine DE, **Kaimal AJ**, Tuomala RE, Riley LE. Defining physiologic predictors of peripartum maternal bacteremia. *Am J Perinatol.* 2015 Dec;32(14):1342-1350. PMID: 26489062.
33. Castro VM, Kong SW, Clements CC, Brady R, **Kaimal AJ**, Doyle AE, Robinson EB, Churchill SE, Kohane IS, Perlis RH. Absence of evidence for increase in risk for autism or attention-deficit disorder following antidepressant exposure during pregnancy: a replication study. *Transl Psychiatry.* 2016 Jan 5; 6:e708. PMID: 26731445.
34. Kuppermann M, Norton ME, Thao K, O'Leary A, Nseyo O, Cortez A, **Kaimal AJ**. Preferences regarding contemporary prenatal genetic tests among women desiring testing: implications for optimal testing strategies. *Prenat Diagn.* 2016 May;36(5):469-75. PMID: 27054941.
35. Venkatesh KK, Riley LE, Castro V, Perlis R, **Kaimal AJ**. Association of antenatal depressive symptoms and antidepressant treatment with preterm birth. *Obstet Gynecol.* 2016 May;127(5):926-33. PubMed PMID: 27054941.
36. Venkatesh KK, Nadel H, Blewett D, Freeman M, **Kaimal AJ***, Riley LE. Implementation of universal screening for depression during pregnancy: Feasibility and impact on obstetric care. *Am J Obstet Gynecol.* 2016 Oct;215(4):517.e1-8. PMID: 27210067 (*Co-senior author)
37. Bigelow CA, Horowitz H, Goodman, AK, Growdon W, del Carmen M, **Kaimal AJ**. Management

- and outcome of cervical cancer diagnosed in pregnancy. *Am J Obstet Gynecol.* 2017 Mar;216(3):276.e1-276.e6. PMID: 27810552.
38. Venkatesh KK, **Kaimal AJ**, Castro VM, Perlis RH. Improving discrimination in antepartum depression screening using the Edinburgh Postnatal Depression Scale. *J Affect Disord.* 2017 Feb 24;214:1-7. PMID:28260619.
 39. Clapp MA, Little SE, Zheng J, **Kaimal AJ**, Robinson JN. Hospital-Level Variation in Postpartum Readmissions. *JAMA.* 2017 May 23;317(20):2128-2129. PMID: 28535223.
 40. Prabhu M, McQuaid-Hanson E, Hopp S, Burns SM, Leffert LR, Landau R, Lauffenburger JC, Choudhry NK, **Kaimal A**, Bateman BT. A Shared Decision-Making Intervention to Guide Opioid Prescribing After Cesarean Delivery. *Obstet Gynecol.* 2017 Jul;130(1):42-46. PMID: 28594762.
 41. Easter SR, Molina RL, Venkatesh KK, **Kaimal A**, Tuomala R, Riley LE. Clinical Risk Factors Associated With Peripartum Maternal Bacteremia. *Obstet Gynecol.* 2017 Oct;130(4):710-717. PMID: 28885399.
 42. Lewkowitz A, **Kaimal AJ**, Thao K, O'Leary A, Nseyo O, Kuppermann M. Sociodemographic and attitudinal predictors of simultaneous and redundant multiple marker and cell-free DNA screening among women aged 35 years and older. *J of Perinat.* In press: Accepted April 3, 2017.
 43. Venkatesh KK, Castro VM, Perlis RH, **Kaimal AJ**. Impact of antidepressant treatment during pregnancy on obstetric outcomes among women previously treated for depression: an observational cohort study. *J Perinatol.* 2017 Sep;37(9):1003-1009. PMID: 28682318
 44. Clapp MA, James KE, Melamed A, Ecker JL, **Kaimal AJ**. Hospital volume and cesarean delivery among low risk women in a nationwide sample. *J Perinatol.* 2018 Feb;38(2):127-131. PMID:29120454.
 45. Berkowitz LR, James K, Petrusa E, York-Best C, **Kaimal AJ**. New Challenges for a Core Procedure: Development of a Faculty Workshop for Skills Maintenance for Abdominal Hysterectomy. *J Surg Educ.* 2018 Feb 5. PMID: 29422404.
 46. Lassey SC, Robinson JN, **Kaimal AJ**, Little SE. Outcomes of Spontaneous Labor in Women Undergoing Trial of Labor after Cesarean as Compared with Nulliparous Women: A Retrospective Cohort Study. *Am J Perinatol.* 2018 Jan 24. [Epub ahead of print] PMID: 29365328.
 47. Hariton E, Bortoletto P, Barnes KL, **Kaimal AJ**, Stagg AR. Resident and Program Director's Perceptions of Milestone-Based Feedback in Obstetrics and Gynecology. *J Med Educ Curric Dev.* 2018 May 20. PubMed PMID: 29845118.
 48. Clapp MA, James KE, **Kaimal AJ**. The effect of hospital acuity on severe maternal morbidity in high-risk patients. *Am J Obstet Gynecol.* Epub 2018 Apr 16. PMID: 29673571.
 49. Clapp MA, Little SE, Zheng J, Robinson JN, **Kaimal AJ**. The relative effects of patient and hospital factors on postpartum readmissions. *J Perinatol.* 2018 May 24. [Epub ahead of print] PMID: 29795320.
 50. Snapper LA, Hart KL, Venkatesh KK, **Kaimal AJ**, Perlis RH. Cohort study of the relationship between individual psychotherapy and pregnancy outcomes. *J Affect Disord.* 2018 Oct 15;239:253-257. doi: 10.1016/j.jad.2018.05.083. Epub 2018 Jul 6. PubMed PMID: 30029152.
 51. Clapp MA, James KE, **Kaimal AJ**, Daw JR. Preconception Coverage Before and After the Affordable Care Act Medicaid Expansions. *Obstet Gynecol.* 2018 Dec;132(6):1394-1400. PubMed PMID: 30399105.
 52. Battarbee AN, Clapp MA, Boggess KA, **Kaimal A**, Snead C, Schulkin J, Aliaga S. Practice Variation in Antenatal Steroid Administration for Anticipated Late Preterm Birth: A Physician Survey. *Am J Perinatol.* 2019 Jan;36(2):200-204. Epub 2018 Jul 17. PubMed PMID: 30016819.
 53. Panelli DM, Robinson JN, **Kaimal AJ**, Terry KL, Yang J, Clapp MA, Little SE. Using Cervical Dilatation to Predict Labor Onset: A Tool for Elective Labor Induction Counseling. *Am J Perinatol.* 2019 Jan 29. doi: 10.1055/s-0039-1677866. [Epub ahead of print] PubMed PMID: 30695793.

54. Clapp MA, James KE, **Kaimal AJ**. Preconception insurance and initiation of prenatal care. *J Perinatol*. 2019 Feb;39(2):300-306. doi: 10.1038/s41372-018-0292-7. Epub 2018 Dec 13. PubMed PMID: 30546058.
55. Freeman MP, Savella GM, Church TR, Góez-Mogollón L, Sosinsky AZ, Noe OB, **Kaimal A**, Cohen LS. A prenatal supplement with methylfolate for the treatment and prevention of depression in women trying to conceive and during pregnancy. *Ann Clin Psychiatry*. 2019 Feb;31(1):4-16. PubMed PMID: 30699214.
56. Clapp MA, James KE, Bates SV, **Kaimal AJ**. Unexpected term NICU admissions: a marker of obstetrical care quality? *Am J Obstet Gynecol*. 2019 Feb 13. pii: S0002-9378(19)30324-2. doi: 10.1016/j.ajog.2019.02.001. [Epub ahead of print] PubMed PMID: 30786256.
57. **Kaimal AJ**, Grobman WA, Bryant AS, Norrell L, Bermingham Y, Altshuler A, Thiet MP, Gonzalez J, Bacchetti, P, Moghadassi M, Kuppermann M. Women's preferences regarding the processes and outcomes of trial of labor after cesarean and elective repeat cesarean. *J Womens Health (Larchmt)*. 2019 May 21. doi:10.1089/jwh.2018.7362. [Epub ahead of print] PubMed PMID: 31112067.
58. Aris IM, Kleinman KP, Belfort MB, Kaimal A, Oken E. A 2017 US Reference for Singleton Birth Weight Percentiles Using Obstetric Estimates of Gestation. *Pediatrics*. 2019 Jul;144(1). pii: e20190076. doi: 10.1542/peds.2019-0076. Epub 2019 Jun 14. PubMed PMID: 31201230.
59. **Kaimal AJ**, Grobman WA, Bryant AS, Blat C, Bacchetti P., Gonzalez J, Thiet MP, Bermingham Y, Kuppermann M. The association of patient preferences and attitudes with trial of labor after cesarean. *J Perinatol*. 2019 Jul 3. [Epub ahead of print] PubMed PMID: 31270433.
60. Freret TS, Chacón KM, Bryant AS, **Kaimal AJ**, Clapp MA. Oxytocin Compared to Buccal Misoprostol for Induction of Labor after Term Prelabor Rupture of Membranes. *Am J Perinatol*. 2019 Sep 6. doi: 10.1055/s-0039-1696642. [Epub ahead of print] PubMed PMID: 31491801.
61. Rosenstein MG, Norrell L, Altshuler A, Grobman WA, **Kaimal AJ**, Kuppermann M. Hospital bans on trial of labor after cesarean and antepartum transfer of care. *Birth*. 2019 Nov 5. [Epub ahead of print] PubMed PMID: 31691369.
62. Clapp MA, James KE, **Kaimal AJ**, Sommers BD, Daw JR. Association of Medicaid Expansion With Coverage and Access to Care for Pregnant Women. *Obstet Gynecol*. 2019 Nov;134(5):1066-1074. doi: 10.1097/AOG.0000000000003501. PubMed PMID: 31599841.
63. Chaudet K, **Kaimal A**, Deshpande V, Roberts DJ. INI1 negative sarcoma diagnosed as malignant rhabdoid tumor presenting as hydrops fetalis metastatic to the placenta: a case report and review of the literature on congenital sarcomas. *J Matern Fetal Neonatal Med*. 2019 Nov 12:1-4. [Epub ahead of print] PubMed PMID: 31718365.
64. Blackwell S., Louis JM, Norton ME., Lappen JR, Pettker CM, **Kaimal AJ**, Land U, Edelman A, Teal S, Landis R. Reproductive services for women at high risk for maternal mortality: a report of the workshop of the Society for Maternal-Fetal Medicine, the American College of Obstetricians and Gynecologists, the Fellowship in Family Planning, and the Society of Family Planning. *Am J Obstet Gynecol*. 2020;222(4):B2-B18. doi:10.1016/j.ajog.2019.12.008
65. Clapp MA, James KE, Bates SV, **Kaimal AJ**. Patient and Hospital Factors Associated With Unexpected Newborn Complications Among Term Neonates in US Hospitals. *JAMA Netw Open*. 2020;3(2):e1919498. Published 2020 Feb 5. doi:10.1001/jamanetworkopen.2019.19498
66. Sacha CR, Harris AL, James K, Basnet K, Freret TS, Yeh J, **Kaimal A**, Souter I, Roberts DJ. Placental pathology in live births conceived with in vitro fertilization after fresh and frozen embryo transfer. *Am J Obstet Gynecol*. 2020;222(4):360.e1-360.e16. doi:10.1016/j.ajog.2019.09.047
67. Simon D, **Kaimal AJ**, Oken E, Hivert MF. Reaching women with obesity to support weight loss before pregnancy: feasibility and qualitative assessment. *Ther Adv Reprod Health*. 2020;14:2633494120909106. Published 2020 May 13. doi:10.1177/2633494120909106

68. Chan SJ, Ein-Dor T, Mayopoulos PA, Mesa M, Sunda R, McCarthy B, **Kaimal AJ**, Dekel S. Risk factors for developing posttraumatic stress disorder following childbirth [published online ahead of print, 2020 May 22]. *Psychiatry Res.* 2020;290:113090. doi:10.1016/j.psychres.2020.113090
69. Goldfarb IT, Clapp MA, Soffer MD, Shook L, Rushfirth K, Edlow A, Boatman A, **Kaimal AJ**, Barth WH, Bryant AS. Prevalence and Severity of Coronavirus Disease 2019 (COVID-19) Illness in Symptomatic Pregnant and Postpartum Women Stratified by Hispanic Ethnicity [published online ahead of print, 2020 Jun 2]. *Obstet Gynecol.*
70. Harris AL, Sacha CR, Basnet KM, James KE, Fretet TS, **Kaimal AJ**, Yeh J, Souter I, Roberts DJ, Toth, LT. Vanishing Twins Conceived Through Fresh In Vitro Fertilization: Obstetric Outcomes and Placental Pathology. *Obstet Gynecol.* 2020;135(6):1426-1433. doi:10.1097/AOG.0000000000003888
71. Kuppermann M*, **Kaimal AJ***, Blat C, et al. Effect of a Patient-Centered Decision Support Tool on Rates of Trial of Labor After Previous Cesarean Delivery: The PROCEED Randomized Clinical Trial. *JAMA.* 2020;323(21):2151-2159. doi:10.1001/jama.2020.5952 (*Co-First Author)
72. Simon D, **Kaimal AJ**, Oken E, Hivert MF. Reaching women with obesity to support weight loss before pregnancy: feasibility and qualitative assessment. *Ther Adv Reprod Health.* 2020 May 13;14:2633494120909106. doi: 10.1177/2633494120909106. PMID: 32518915; PMCID: PMC7254592.
73. Goldfarb IT, Clapp MA, Soffer MD, Shook LL, Rushfirth K, Edlow AG, Boatman AA, **Kaimal AJ**, Barth WH Jr, Bryant AS. Prevalence and Severity of Coronavirus Disease 2019 (COVID-19) Illness in Symptomatic Pregnant and Postpartum Women Stratified by Hispanic Ethnicity. *Obstet Gynecol.* 2020 Aug;136(2):300-302. PMID: 32496337; PMCID: PMC7395887.
74. Shook LL, Shui JE, Boatman AA, Devane S, Croul N, Yonker LM, Matute JD, Lima RS, Schwinn M, Cvrk D, Gardner L, Azevedo R, Stanton S, Bordt EA, Yockey LJ, Fasano A, Li JZ, Yu XG, **Kaimal AJ**, Lerou PH, Edlow AG. Rapid establishment of a COVID-19 perinatal biorepository: early lessons from the first 100 women enrolled. *BMC Med Res Methodol.* 2020 Aug 26;20(1):215. PMID: 32842979; PMCID: PMC7447612.
75. Safaee Fakhr B, Wiegand SB, Pincioli R, Gianni S, Morais CCA, Ikeda T, Miyazaki Y, Marutani E, Di Fenza R, Larson GM, Parcha V, Gibson LE, Chang MG, Arora P, Carroll RW, Kacmarek RM, Ichinose F, Barth WH Jr, **Kaimal A**, Hohmann EL, Zapol WM, Berra L. High Concentrations of Nitric Oxide Inhalation Therapy in Pregnant Patients With Severe Coronavirus Disease 2019 (COVID-19). *Obstet Gynecol.* 2020 Aug 26. doi:. Epub ahead of print. PMID: 32852324.
76. Naqvi M, Jaffe EF, Goldfarb IT, Bryant AS, Wylie BJ, **Kaimal AJ**. Prolonged Second Stage of Labor and Anal Sphincter Injury in a Contemporary Cohort of Term Nulliparas. *Am J Perinatol.* 2020 Oct 20. doi: 10.1055/s-0040-1718878. Epub ahead of print. PMID: 33080634.
77. Edlow AG, Li JZ, Collier AY, Atyeo C, James KE, Boatman AA, Gray KJ, Bordt EA, Shook LL, Yonker LM, Fasano A, Diouf K, Croul N, Devane S, Yockey LJ, Lima R, Shui J, Matute JD, Lerou PH, Akinwunmi BO, Schmidt A, Feldman J, Hauser BM, Caradonna TM, De la Flor D, D'Avino P, Regan J, Corry H, Coxen K, Fajnzylber J, Pepin D, Seaman MS, Barouch DH, Walker BD, Yu XG, **Kaimal AJ***, Roberts DJ, Alter G. Assessment of Maternal and Neonatal SARS-CoV-2 Viral Load, Transplacental Antibody Transfer, and Placental Pathology in Pregnancies During the COVID-19 Pandemic. *JAMA Netw Open.* 2020 Dec 1;3(12):e2030455. doi: 10.1001/jamanetworkopen.2020.30455. PMID: 33351086; PMCID: PMC7756241. *Co-Last Author
78. Mayopoulos GA, Ein-Dor T, Dishy GA, Nandru R, Chan SJ, Hanley LE, **Kaimal AJ**, Dekel S. COVID-19 is associated with traumatic childbirth and subsequent mother-infant bonding problems. *J Affect Disord.* 2021 Mar 1;282:122-125. doi: 10.1016/j.jad.2020.12.101. Epub 2020 Dec 28. PMID: 33412491; PMCID: PMC7889625.

79. Clapp MA, McCoy TH, James KE, **Kaimal AJ**, Perlis RH. The utility of electronic health record data for identifying postpartum hemorrhage. *Am J Obstet Gynecol MFM*. 2021 Mar;3(2):100305. doi: 10.1016/j.ajogmf.2020.100305. Epub 2021 Jan 6. PMID: 33421646.
80. Atyeo C, Pullen KM, Bordt EA, Fischinger S, Burke J, Michell A, Slein MD, Loos C, Shook LL, Boatman AA, Yockey LJ, Pepin D, Meinsohn MC, Nguyen NMP, Chauvin M, Roberts D, Goldfarb IT, Matute JD, James KE, Yonker LM, Bebell LM, **Kaimal AJ**, Gray KJ, Lauffenburger D, Edlow AG, Alter G. Compromised SARS-CoV-2-specific placental antibody transfer. *Cell*. 2021 Feb 4;184(3):628-642.e10. doi: 10.1016/j.cell.2020.12.027. Epub 2020 Dec 23. PMID: 33476549; PMCID: PMC7755577.
81. Freret TS, Woods GT, James KE, **Kaimal AJ**, Clapp MA. Incidence of and Risk Factors for Failed Induction of Labor Using a Contemporary Definition. *Obstet Gynecol*. 2021 Mar 1;137(3):497-504. doi: 10.1097/AOG.0000000000004257. PMID: 33543905.
82. Guseh S, Wilkins-Haug L, **Kaimal A**, Dunn-Albanese L, Adams S, Carroll S, Discenza M, Dobson L, Brillinger M, Foster J, Gbur S, Green H, Herrig N, Mandigo C, Pacione M, Roberts P, Sassaman A, Steinberg K, Studwell C, Gray KJ. Utility of noninvasive genome-wide screening: a prospective cohort of obstetric patients undergoing diagnostic testing. *Genet Med*. 2021 Mar 29. doi: 10.1038/s41436-021-01147-4. Epub ahead of print. PMID: 33782554.
83. Bordt EA, Shook LL, Atyeo C, Pullen KM, De Guzman RM, Meinsohn MC, Chauvin M, Fischinger S, Yockey LJ, James K, Lima R, Yonker LM, Fasano A, Brigida S, Bebell LM, Roberts DJ, Pépin D, Huh JR, Bilbo SD, Li JZ, **Kaimal A**, Schust D, Gray KJ, Lauffenburger D, Alter G, Edlow AG. Sexually dimorphic placental responses to maternal SARS-CoV-2 infection. *bioRxiv [Preprint]*. 2021 Mar 29:2021.03.29.437516. doi: 10.1101/2021.03.29.437516. PMID: 33821279; PMCID: PMC8020979.
84. Berman Z, Thiel F, **Kaimal AJ**, Dekel S. Association of sexual assault history with traumatic childbirth and subsequent PTSD. *Arch Womens Ment Health*. 2021 Apr 13:1–5. doi: 10.1007/s00737-021-01129-0. Epub ahead of print. PMID: 33847820; PMCID: PMC8041617.
85. Clapp MA, Srinivas SK, Kozhimannil KB, Grobman WA, **Kaimal AJ**. Comparison of Maternal and Neonatal Subspecialty Care Provision by Hospital. *Am J Perinatol*. 2021 Apr 20. doi: 10.1055/s-0041-1727223. Epub ahead of print. PMID: 33878766.
86. Clapp MA, James KE, McCoy TH Jr, Perlis RH, **Kaimal AJ**. The use of a validated obstetrical risk score for maternal morbidity to predict postpartum hemorrhage for women in labor. *Am J Obstet Gynecol*. 2021 Apr 23:S0002-9378(21)00484-1. doi: 10.1016/j.ajog.2021.04.243. Epub ahead of print. PMID: 33895148.
87. Shook LL, Collier AY, Goldfarb IT, Diouf K, Akinwunmi BO, Young N, Brown A, Hacker MR, **Kaimal AJ**, Gray KJ, Edlow AG. Vertical transmission of SARS-CoV-2: consider the denominator. *Am J Obstet Gynecol MFM*. 2021 Apr 29;3(4):100386. doi: 10.1016/j.ajogmf.2021.100386. Epub ahead of print. PMID: 33932627; PMCID: PMC8081748.
88. Nitecki R, Clapp MA, Fu S, Lamiman K, Melamed A, Brady PC, **Kaimal A**, Del Carmen MG, Woodard TL, Meyer LA, Giordano SH, Ramirez PT, Rauh-Hain JA. Outcomes of the First Pregnancy After Fertility-Sparing Surgery for Early-Stage Ovarian Cancer. *Obstet Gynecol*. 2021 Jun 1;137(6):1109-1118. doi: 10.1097/AOG.0000000000004394. PMID: 33957660; PMCID: PMC8141030.
89. Clapp MA, McCoy TH Jr, James KE, **Kaimal AJ**, Roy H, Perlis. Derivation and external validation of risk stratification models for severe maternal morbidity using prenatal encounter diagnosis codes. *J Perinatol*. 2021 May 19. doi: 10.1038/s41372-021-01072-z. Epub ahead of print. PMID: 34012053.
90. Shook LL, Bordt EA, Meinsohn MC, Pepin D, De Guzman RM, Brigida S, Yockey LJ, James KE, Sullivan MW, Bebell LM, Roberts DJ, **Kaimal AJ**, Li JZ, Schust D, Gray KJ, Edlow AG. Placental expression of ACE2 and TMPRSS2 in maternal SARS-CoV-2 infection: are placental defenses

- mediated by fetal sex? *J Infect Dis.* 2021 Jul 22;jiab335. doi: 10.1093/infdis/jiab335. Epub ahead of print. PMID: 34293137; PMCID: PMC8344531.
91. Clapp MA, James KE, Little SE, Robinson JN, **Kaimal AJ**. Association between hospital-level cesarean delivery rates and severe maternal morbidity and unexpected newborn complications. *Am J Obstet Gynecol MFM.* 2021 Sep 2;3(6):100474. doi: 10.1016/j.ajogmf.2021.100474. Epub ahead of print. PMID: 34481997.
 92. Clapp MA, James KE, Mccoy TH Jr, Perlis RH, **Kaimal AJ**. The Value of Intrapartum Factors in Predicting Maternal Morbidity. *Am J Obstet Gynecol MFM.* 2021 Sep 10:100485. doi: 10.1016/j.ajogmf.2021.100485. Epub ahead of print. PMID: 34517146.
 93. Clapp MA, Daw JR, James KE, Little SE, Robinson JN, Bates SV, **Kaimal AJ**. Association between morbidity among term newborns and low-risk cesarean delivery rates. *BJOG.* 2022 Mar;129(4):627-635. doi: 10.1111/1471-0528.16925. Epub 2021 Oct 6. PMID: 34532943. Sullivan MW, Kanbergs AN, Burdette ER, Silberman J, Dolisca S, Scarry J, Soffer M, **Kaimal A**, Bryant Mantha A, Bernstein SN. Acceptability of virtual prenatal care: thinking beyond the pandemic. *J Matern Fetal Neonatal Med.* 2021 Sep 23:1-4. doi: 10.1080/14767058.2021.1980534. Epub ahead of print. PMID: 34554895.
 94. Sullivan MW, Kanbergs AN, Burdette ER, Silberman J, Dolisca S, Scarry J, Soffer M, **Kaimal A**, Bryant Mantha A, Bernstein SN. Acceptability of virtual prenatal care: thinking beyond the pandemic. *J Matern Fetal Neonatal Med.* 2021 Sep 23:1-4. doi: 10.1080/14767058.2021.1980534. Epub ahead of print. PMID: 34554895.
 95. Cash RE, Swor RA, Samuels-Kalow M, Eisenbrey D, **Kaimal AJ**, Camargo CA Jr. Frequency and severity of prehospital obstetric events encountered by emergency medical services in the United States. *BMC Pregnancy Childbirth.* 2021 Sep 24;21(1):655. doi: 10.1186/s12884-021-04129-1. PMID: 34560847; PMCID: PMC8464145.
 96. Nitecki R, Floyd J, Lamiman K, Clapp MA, Fu S, Jorgensen K, Melamed A, Brady PC, **Kaimal A**, Del Carmen MG, Woodard TL, Meyer LA, Giordano SH, Ramirez PT, Rauh-Hain JA. Outcomes of the First Pregnancy After Fertility-Sparing Surgery for Early-Stage Cervical Cancer. *Obstet Gynecol.* 2021 Oct 1;138(4):565-573. doi: 10.1097/AOG.0000000000004532. PMID: 34623068.
 97. Bordt EA, Shook LL, Atyeo C, Pullen KM, De Guzman RM, Meinsohn MC, Chauvin M, Fischinger S, Yockey LJ, James K, Lima R, Yonker LM, Fasano A, Brigida S, Bebell LM, Roberts DJ, Pépin D, Huh JR, Bilbo SD, Li JZ, **Kaimal A**, Schust DJ, Gray KJ, Lauffenburger D, Alter G, Edlow AG. Maternal SARS-CoV-2 infection elicits sexually dimorphic placental immune responses. *Sci Transl Med.* 2021 Oct 27;13(617):eabi7428. doi: 10.1126/scitranslmed.abi7428. Epub 2021 Oct 27. PMID: 34664987.
 98. Vanderkruik R, Freeman MP, Claypoole LD, Arakelian M, **Kaimal AJ**, Nadel H, Cohen LS. Postpartum depression screening: Treatment engagement, barriers to care, and change in depressive symptoms. *Ann Clin Psychiatry.* 2021 Nov;33(4):e2-e9. doi: 10.12788/acp.0044. PMID: 34672930.
 99. Panelli DM, Wood RL, Elias KM, Growdon WB, **Kaimal AJ**, Feldman S, McElrath TF. The Loop Electrosurgical Excision Procedure and Cone Conundrum: The Role of Cumulative Excised Depth in Predicting Preterm Birth. *AJP Rep.* 2022 Feb 4;12(1):e41-e48. doi: 10.1055/s-0041-1742271. PMID: 35141035; PMCID: PMC8816626.
 100. Reddy R, James KE, Mauney LC, **Kaimal AJ**, Daw JR, Clapp MA. Postpartum readmission and uninsurance at readmission for Medicaid vs privately insured births. *Am J Obstet Gynecol MFM.* 2022 Mar;4(2):100553. doi: 10.1016/j.ajogmf.2021.100553. Epub 2021 Dec 14. PMID: 34920181.
 101. Clapp MA, Kim E, James KE, Perlis RH, **Kaimal AJ**, Mccoy TH Jr. Natural Language Processing of Admission Notes to Predict Severe Maternal Morbidity during the Delivery Encounter. *Am J Obstet Gynecol.* 2022 Apr 14:S0002-9378(22)00280-0. doi: 10.1016/j.ajog.2022.04.008. Epub ahead of print. PMID: 35430230.

102. Cash RE, **Kaimal AJ**, Clapp MA, Samuels-Kalow ME, Camargo CA Jr. Change in emergency medical services-attended out-of-hospital deliveries during COVID-19 in the United States. *Prehosp Emerg Care*. 2022 May 5:1-10. doi: 10.1080/10903127.2022.2074179. Epub ahead of print. PMID: 35510878.
103. Clapp MA, Melamed A, Freret TS, James KE, Gyamfi-Bannerman C, **Kaimal AJ**. US Incidence of Late-Preterm Steroid Use and Associated Neonatal Respiratory Morbidity After Publication of the Antenatal Late Preterm Steroids Trial, 2015-2017. *JAMA Netw Open*. 2022 May 2;5(5):e2212702. doi: 10.1001/jamanetworkopen.2022.12702. PMID: 35583868.
104. Iyengar AS, Ein-Dor T, Zhang EX, Chan SJ, **Kaimal AJ**, Dekel S. Increased traumatic childbirth and postpartum depression and lack of exclusive breastfeeding in Black and Latinx individuals. *Int J Gynaecol Obstet*. 2022 May 22. doi: 10.1002/ijgo.14280. Epub ahead of print. PMID: 35598158.
105. Chan SJ, Thiel F, **Kaimal AJ**, Pitman RK, Orr SP, Dekel S. Validation of childbirth-related posttraumatic stress disorder using psychophysiological assessment. *Am J Obstet Gynecol*. 2022 May 29:S0002-9378(22)00415-X. doi: 10.1016/j.ajog.2022.05.051. Epub ahead of print. PMID: 35640702.
106. Edlow AG, Castro VM, Shook LL, **Kaimal AJ**, Perlis RH. Neurodevelopmental Outcomes at 1 Year in Infants of Mothers Who Tested Positive for SARS-CoV-2 During Pregnancy. *JAMA Netw Open*. 2022 Jun 1;5(6):e2215787. doi: 10.1001/jamanetworkopen.2022.15787. PMID: 35679048; PMCID: PMC9185175.
107. Woods GT, Barth WH Jr, **Kaimal AJ**, Clapp MA. The incidence and predictability of high-risk conditions potentially warranting a higher level of maternal care. *Am J Obstet Gynecol*. 2022 Jun 27:S0002-9378(22)00516-6. doi: 10.1016/j.ajog.2022.06.040. Epub ahead of print. PMID: 35772478.
108. Valsecchi C, Winterton D, Safae Fakhr B, Collier AY, Nozari A, Ortoleva J, Mukerji S, Gibson LE, Carroll RW, Shaefi S, Pinciroli R, La Vita C, Ackman JB, Hohmann E, Arora P, Barth WH Jr, **Kaimal A**, Ichinose F, Berra L; DELiverly oF iNO (DELFiNO) Network Collaborators. High-Dose Inhaled Nitric Oxide for the Treatment of Spontaneously Breathing Pregnant Patients With Severe Coronavirus Disease 2019 (COVID-19) Pneumonia. *Obstet Gynecol*. 2022 Aug 1;140(2):195-203. doi: 10.1097/AOG.0000000000004847. Epub 2022 Jul 6. PMID: 35852269.
109. Freret TS, James KE, Melamed A, Gyamfi-Bannerman C, **Kaimal AJ**, Clapp MA. Late-preterm steroid use among individuals with pregestational diabetes mellitus and with twin gestations. *Am J Obstet Gynecol*. 2022 Aug 18:S0002-9378(22)00664-0. doi: 10.1016/j.ajog.2022.08.029. Epub ahead of print. PMID: 35988756.
110. Freret TS, James KE, Melamed A, Gyamfi-Bannerman C, **Kaimal AJ**, Clapp MA. Antenatal Steroid Exposure Among Term Newborns. *JAMA Pediatr*. 2022 Dec 1;176(12):1260-1261. doi: 10.1001/jamapediatrics.2022.3251. PMID: 36121659; PMCID: PMC9486637.
111. Clapp MA, Kim E, James KE, Perlis RH, **Kaimal AJ**, McCoy TH Jr, Easter SR. Comparison of Natural Language Processing of Clinical Notes With a Validated Risk-Stratification Tool to Predict Severe Maternal Morbidity. *JAMA Netw Open*. 2022 Oct 3;5(10):e2234924. doi: 10.1001/jamanetworkopen.2022.34924. PMID: 36197662; PMCID: PMC9535539.
112. Hsu S, Selen DJ, James K, Li S, Camargo CA Jr, **Kaimal A**, Powe CE. Assessment of the Validity of Administrative Data for Gestational Diabetes Ascertainment. *Am J Obstet Gynecol MFM*. 2023 Feb;5(2):100814. doi: 10.1016/j.ajogmf.2022.100814. Epub 2022 Nov 15. PMID: 36396038.
113. Selen DJ, Thaweethai T, Schulte CCM, Hsu S, He W, James K, **Kaimal A**, Meigs JB, Powe CE. Gestational Glucose Intolerance and Risk of Future Diabetes. *Diabetes Care*. 2023 Jan 1;46(1):83-91. doi: 10.2337/dc22-1390. PMID: 36473077; PMCID: PMC9797650.
114. Clapp MA, James KE, McCoy TH Jr, Perlis RH, **Kaimal AJ**. The Application of a Standard Risk Threshold for the Stratification of Maternal Morbidity among Population Subgroups. *Am J Perinatol*. 2023 Feb 16. doi: 10.1055/a-2008-8598. Epub ahead of print. PMID: 36608698.

115. Fitzgerald AC, **Kaimal AJ**, Little SE. Cost-effectiveness of induction of labor at 39 weeks vs expectant management by cervical examination. *Am J Obstet Gynecol*. 2023 Jan 13:S0002-9378(23)00014-5. doi: 10.1016/j.ajog.2023.01.010. Epub ahead of print. PMID: 36642340.
116. Freret TS, James K, **Kaimal AJ**. Antibiotic administration and wound complications after obstetric anal sphincter injuries. *Am J Obstet Gynecol MFM*. 2023 Feb 1;5(4):100883. doi: 10.1016/j.ajogmf.2023.100883. Epub ahead of print. PMID: 36736824.
117. Edlow AG, Castro VM, Shook LL, Haneuse S, **Kaimal AJ**, Perlis RH. Sex-Specific Neurodevelopmental Outcomes Among Offspring of Mothers With SARS-CoV-2 Infection During Pregnancy. *JAMA Netw Open*. 2023 Mar 1;6(3):e234415. doi: 10.1001/jamanetworkopen.2023.4415. PMID: 36951861; PMCID: PMC10037162.
118. Siegel MR, James KE, Jaffe E, L'Heureux MM, **Kaimal AJ**, Goldfarb IT. Provider confidence in counseling preconception, pregnant, and postpartum patients regarding COVID-19 vaccination: A cross-sectional survey study. *Health Sci Rep*. 2023 May 14;6(5):e1163. doi: 10.1002/hsr2.1163. PMID: 37197087; PMCID: PMC10183650.
119. Hull LE, Flannery K, **Kaimal A**, Sepucha K, Rehm HL, Haas JS. Multilevel barriers and facilitators to widespread use of preconception carrier screening in the United States. *Genet Med*. 2023 Dec;25(12):100946. doi: 10.1016/j.gim.2023.100946. Epub 2023 Jul 30. PMID: 37534745; PMCID: PMC10825062.
120. Maya J, Selen DJ, Thaweethai T, Hsu S, Godbole D, Schulte CCM, James K, Sen S, **Kaimal A**, Hivert MF, Powe CE. Gestational Glucose Intolerance and Birth Weight-Related Complications. *Obstet Gynecol*. 2023 Sep 1;142(3):594-602. doi: 10.1097/AOG.0000000000005278. Epub 2023 Aug 3. PMID: 37539973; PMCID: PMC10527009.
121. Salinas KE, Bazan M, Rivera L, Butler H, Larson E, Guise JM, Hacker MR, **Kaimal AJ**, Molina RL. Experiences and Communication Preferences in Pregnancy Care Among Patients With a Spanish Language Preference: A Qualitative Study. *Obstet Gynecol*. 2023 Nov 1;142(5):1227-1236. doi: 10.1097/AOG.0000000000005369. Epub 2023 Sep 13. PMID: 37708499; PMCID: PMC10767752.
122. Cash RE, **Kaimal AJ**, Samuels-Kalow ME, Boggs KM, Swanton MF, Camargo CA Jr. Epidemiology of Emergency Medical Services-Attended out-of-Hospital Deliveries and Complications in the United States. *Prehosp Emerg Care*. 2023 Nov 16:1-8. doi: 10.1080/10903127.2023.2283892. Epub ahead of print. PMID: 37972235.
123. Freret TS, Cohen JL, Gyamfi-Bannerman C, **Kaimal AJ**, Lorch SA, Wright JD, Melamed A, Clapp MA. Regional Variation in Antenatal Late Preterm Steroid Use Following the ALPS Trial. *JAMA Netw Open*. 2024 Jan 2;7(1):e2350830. doi: 10.1001/jamanetworkopen.2023.50830. PMID: 38194234; PMCID: PMC10777258.
124. Kishkovich TP, James KE, McCoy TH, Perlis RH, **Kaimal AJ**, Clapp MA. Performance of a Maternal Risk Stratification System for Predicting Low Apgar Scores. *Am J Perinatol*. 2024 Mar 1. doi: 10.1055/a-2259-0472. Epub ahead of print. PMID: 38301722.
125. Shook LL, Castro VM, Herzberg EM, Fourman LT, **Kaimal AJ**, Perlis RH, Edlow AG. Offspring cardiometabolic outcomes and postnatal growth trajectories after exposure to maternal SARS-CoV-2 infection. *Obesity (Silver Spring)*. 2024 Feb 13. doi: 10.1002/oby.23998. Epub ahead of print. PMID: 38351665.
126. Onuoha C, Schulte CCM, Thaweethai T, Hsu S, Pant D, James KE, Sen S, **Kaimal A**, Powe CE. The simultaneous occurrence of gestational diabetes and hypertensive disorders of pregnancy affects fetal growth and neonatal morbidity. *Am J Obstet Gynecol*. 2024 Mar 14:S0002-9378(24)00438-1. doi: 10.1016/j.ajog.2024.03.009. Epub ahead of print. PMID: 38492713.
127. Clapp MA, Cohen JL, Gyamfi-Bannerman C, **Kaimal AJ**, Lorch SA, Wright JD, Melamed A. Sociodemographic Factors Associated with Antenatal Steroid Use among Late Preterm Births. *Am J*

- Obstet Gynecol MFM. 2024 Jun 11:101397. doi: 10.1016/j.ajogmf.2024.101397. Epub ahead of print. PMID: 38871293.
128. Molina RL, **Kaimal AJ**. Heard but Excluded: A Language Manifesto. JAMA. 2024 Jun 18;331(23):1987-1988. doi: 10.1001/jama.2024.6186. PMID: 38780926.
 129. Freret TS, **Kaimal AJ**, Melamed A, Clapp MA. Publication of the ARRIVE trial and changes in early term induction of labor. Am J Obstet Gynecol. 2024 Dec;231(6):e201-e206. doi: 10.1016/j.ajog.2024.07.023. Epub 2024 Jul 25. PMID: 39067496.
 130. Ma Y, Baker O, Zhang F, Cochran-McClain C, **Kaimal AJ**, Yu H. Prenatal Care Utilization and Birth Outcomes After Expansion of the National Health Service Corps. Obstet Gynecol. 2024 Oct 1;144(4):526-535. doi: 10.1097/AOG.0000000000005704. Epub 2024 Aug 22. PMID: 39173176; PMCID: PMC11499018.
 131. Venkatesh KK, MacPherson C, Clifton RG, Powe CE, Bartholomew A, Gregory D, Trinh A, McAlearney AS, Fiechtner LG, Catalano P, Rice D, Cross S, Kutay H, Gabbe S, Grobman WA, Costantine MM, Battarbee AN, Boggess K, Katukuri V, Eichelberger K, Esakoff T, Feghali MN, Harper L, **Kaimal A**, Kole-White M, Mendez-Figueroa H, Mlynarczyk M, Sciscione A, Shook L, Sobhani NC, Stamilio DM, Werner E, Wiegand S, Zera CA, Zork NM, Saade G, Landon MB. Comparative effectiveness trial of metformin versus insulin for the treatment of gestational diabetes in the USA: clinical trial protocol for the multicentre DECIDE study. BMJ Open. 2024 Sep 24;14(9):e091176. doi: 10.1136/bmjopen-2024-091176. PMID: 39317491; PMCID: PMC11429521.
 132. Clapp MA, Li S, Cohen JL, Gyamfi-Bannerman C, Knudsen AB, Lorch SA, Thaweethai T, Wright JD, **Kaimal AJ**, Melamed A. Betamethasone Exposure and Neonatal Respiratory Morbidity Among Late Preterm Births by Planned Mode of Delivery and Gestational Age. Obstet Gynecol. 2024 Dec 1;144(6):747-754. doi: 10.1097/AOG.0000000000005756. Epub 2024 Oct 10. PMID: 39388700.
 133. Clapp MA, Li S, James KE, Reiff ES, Little SE, McCoy TH, Perlis RH, **Kaimal AJ**. Development of a Practical Prediction Model for Adverse Neonatal Outcomes at the Start of the Second Stage of Labor. Obstet Gynecol. 2025 Jan 1;145(1):73-81. doi: 10.1097/AOG.0000000000005776. Epub 2024 Oct 31. PMID: 39481108.
 134. Nadel A, Prabhu M, **Kaimal A**. Fetal Growth Restriction: A Pragmatic Approach. Am J Perinatol. 2024 Dec 24. doi: 10.1055/a-2483-5684. Epub ahead of print. PMID: 39586979.

Other peer-reviewed publications

1. **Kaimal AJ**, Kuppermann M. Understanding risk, patient and provider preferences, and obstetric decision making: Approach to delivery after cesarean. Semin Perinatol, 2010 Oct;34(5):331-336. PMID: 20869549.
2. **Kaimal AJ**, Kuppermann M. Decision making for primary cesarean delivery: the role of patient and provider preference. Semin Perinatol. 2012 Oct;36(5):384-389. PMID: 23009973.
3. **Kaimal AJ**. Practice and progress in obstetrics. Evid Based Med. 2014 Apr;19(2):70. PMID: 24009333.
4. Naqvi M, **Kaimal A**. Adnexal masses in pregnancy. Clin Obstet Gynecol. 2015 Mar;58(1):93-101. PMID: 25551696.
5. Naqvi M, Madapu M, Muniappan A, **Kaimal AJ**. Tracheal resection for symptomatic tracheal stenosis in pregnancy. Ann Thorac Surg. 2016 Apr;101(4):1589-91. PMID: 27000585.

Non-peer reviewed scientific or medical publications/materials in print or other media Chapters

1. **Kaimal, AJ**. Assessment of Fetal Health. Creasy and Resnick's Maternal-Fetal Medicine, Principles and Practice, 7th edition. Eds. Creasy RK, Resnick R, Iams JD, Lockwood CJ, Moore T, Greene MF. Elsevier Saunders 2014, pp 473-487.

2. **Kaimal, AJ.** Assessment of Fetal Health. Creasy and Resnick's Maternal-Fetal Medicine, Principles and Practice, 8th edition. Eds. Resnick R, Iams JD, Lockwood CJ, Moore T, Greene MF, Silver RM. Elsevier Saunders 2019, pp 549-563.
3. **Kaimal, AJ.** Assessment of Fetal Health. Creasy and Resnick's Maternal-Fetal Medicine, Principles and Practice, 9th edition. Eds. Lockwood CJ, Copel JA, Dugoff L, Louis J, Moore T, Silver RM, Resnick R. Elsevier Saunders 2022, pp 559-574.

Clinical Guidelines and Reports

1. American College of Obstetricians and Gynecologists and the Society for Maternal-Fetal Medicine, Ecker JL, **Kaimal AJ**, Mercer BM, Blackwell SC, deRegnier RA, Farrell RM, Grobman WA, Resnik JL, Sciscione, AC. Obstetric Care Consensus #3: Periviable Birth. 2015 Nov;213(5):604-614. PMID: 26506448.
2. James A, Birsner M, **Kaimal AJ.** Thromboembolism in pregnancy. ACOG Practice Bulletin No. 196. American College of Obstetricians and Gynecologists. Obstet Gynecol 2018;132:e1–17.
3. Caughey AB, **Kaimal AJ**, Gabbe SG. Pregestational diabetes mellitus. ACOG Practice Bulletin No. 201. American College of Obstetricians and Gynecologists. Obstet Gynecol 2018;132:e228–48.
4. Rose NC, **Kaimal AJ**, Dugoff L, Norton ME; American College of Obstetricians and Gynecologists' Committee on Practice Bulletins—Obstetrics; Committee on Genetics; Society for Maternal-Fetal Medicine. Screening for Fetal Chromosomal Abnormalities: ACOG Practice Bulletin, Number 226. Obstet Gynecol. 2020 Oct;136(4):e48-e69. PMID: 32804883.
5. Society for Maternal-Fetal Medicine (SMFM). Electronic address: pubs@smfm.org, **Kaimal A**, Norton ME. Society for Maternal-Fetal Medicine Consult Series #55: Counseling women at increased risk of maternal morbidity and mortality. Am J Obstet Gynecol. 2021 Apr;224(4):B16-B23. doi: 10.1016/j.ajog.2020.12.007. Epub 2020 Dec 9. PMID: 33309561.
6. Cahill AG, Raghuraman N, Gandhi M with consultation from **Kaimal AJ.** First and Second Stage Labor Management: ACOG Clinical Practice Guideline No. 8. Obstet Gynecol. 2024 Jan 1;143(1):144-162. doi: 10.1097/AOG.0000000000005447. PMID: 38096556.

Narrative Report

After graduating from Rice University and Harvard Medical School, I completed residency training in the Integrated Program in Obstetrics and Gynecology at Brigham and Women's and Massachusetts General Hospitals followed by a fellowship in Maternal-Fetal Medicine at the University of California, San Francisco. During fellowship, I completed a masters' degree in clinical research at the University of California, San Francisco. I joined the maternal-fetal medicine faculty of the Department of Obstetrics and Gynecology at Massachusetts General Hospital in 2009 and was promoted to Associate professor in 2017, with a dual appointment in the departments of Obstetrics and Gynecology and Population Medicine. I became the Division Chief for Maternal-Fetal Medicine in October 2018. In August of 2022, I was appointed as Professor and Vice Chair of OBGYN Clinical Operations of Obstetrics and Gynecology at the University of South Florida Morsani College of Medicine. I currently spend approximately 40% of my time as a clinician, teacher, and clinical leader, 20% leading and collaborating on research investigations, and 40% in other administrative activities.

My clinical practice encompasses the full range of maternal-fetal medicine including prenatal diagnosis and ultrasound, care of people on the antepartum service, high risk obstetric consultation, and attending on labor and delivery. Teaching and educational leadership have also been central to my role. I particularly enjoy teaching on labor and delivery, and I also give formal lectures to the medical students, residents, and my peers. I have received multiple teaching and mentorship awards and continue to strive to be an outstanding educator in hectic clinical settings, rounds, as well as in more formalized didactic settings. I have served on fellowship and residency-specific as well as system-wide program education, clinical competency, and selection committees. I was the program director for the MGH Maternal-Fetal Medicine Fellowship from 2015 to 2021 and the associate program director until I left MGH in 2022. I was a member of the American College of Obstetricians and Gynecologists (ACOG) Committee on Obstetric Practice Bulletins from 2015-2023 and served as Chair of the committee from May 2020-May 2023. I currently serve as the Vice-Chair of the ACOG Clinical Document Review Committee and I am a member of the SMFM Publications Committee. I am an oral board examiner for the ABOG Maternal-Fetal Medicine Certifying exam and a member of the Specialty Certifying Examination Development Committee.

In addition to providing clinical care and teaching, I conduct clinical research to evaluate evidence-based interventions to improve the quality of care from the clinicians' and the patients' perspectives. My research includes projects aimed at optimizing counseling regarding mode of delivery, evaluating alternatives for prenatal testing, assessing the effectiveness of programs translating clinical evidence into practice, as well as qualitative and quantitative studies of pregnant people's preferences. At MGH, I created an insitutional obstetric data repository that serves as a resource for resident, fellow, and faculty research. I have served as a mentor for medical student, doctoral student, resident, and fellow research projects, in addition to providing advice and mentorship to fellow faculty members. In 2016, I became the Director of Obstetrical Research for the MGH Department of OBGYN; in this role I help to facilitate research by members of our department as well as other investigators in the institution, and in 2018 I became the Director of the Deborah Kelly Center for Clinical Research in OB/GYN at MGH, overseeing clinical research throughout the department. I received funding as the site principal investigator for an R01 funded by the NICHD (R01 HD078748) and as the principal investigator for an R21 funded by the NICHD (R21HD098496), as well as a co-investigator on multiple other projects. I have served as mentor and advisor to clinician-scientists in Obstetrics and Gynecology as well as to faculty outside of OB/GYN who are pursuing careers in women's health

research. During the COVID-19 Pandemic, I facilitated development of the infrastructure for an MGH Perinatal Biorepository that has resulted in a numerous publications and grants for the translational researchers in the department, while also working to ensure that clinical research was able to continue as possible during the pandemic. I have ongoing collaborative NIH and PCORI grand funded work.

In the administrative and research leadership roles of Division Chief and Director of Clinical Research at MGH, I put infrastructure and programs in place to facilitate research, clinical productivity and wellness. I focused on professional, clinical, and research mentorship of faculty within our department, our system, and nationally in our field. In my role as Vice Chair of OBGYN Clinical Operations at the University of South Florida Morsani College of Medicine, I am working to optimize access, clinical care, patient experience, and faculty development across both inpatient and outpatient sites.

Nationally, I have been honored by invitations to participate in writing groups, working groups and committees at professional organizations including ACOG, SMFM, ACGME, AIUM, and ABOG which have allowed me to collaborate on and lead efforts to develop clinical and educational guidance as well as being involved in the process of professional certification in Maternal-Fetal Medicine. I have been invited to speak nationally about the care and counseling of pregnant women, particularly in the areas of shared decision making, evidence-based, risk-appropriate care of pregnant people, and optimizing systems of care for pregnant people at risk of adverse outcomes. I was honored to be invited to write a book chapter on the assessment of fetal health in Creasy and Resnick's Maternal-Fetal Medicine, one of the foundational textbooks in our field. In addition to conducting my own research, I have been invited to be a scientific reviewer for multiple PCORI and NIH study sections. I serve as an ad hoc reviewer for journals devoted to obstetric topics as well as health services research and was named the inaugural Associate Editor-Obstetrics for the journal *Obstetrics and Gynecology* in September 2024.

In my professional career, I have endeavored to provide excellent clinical care, devote my time and energy to teaching and administrative work and leadership, and to conduct clinical research to help to improve our understanding of evidence-based, patient-centered interventions for pregnant people. Through my clinical care and leadership, research activities and publications, teaching and mentoring of trainees and peers within my institution and nationally, speaking, grant review activities and service on national committees, I have sought to improve the care of people both within my current system and beyond.