

KATHERINE J. SAPRA, PHD, MPH

EDUCATION

2016 – Doctor of Philosophy – Epidemiology

COLUMBIA UNIVERSITY, New York, New York

Sponsor: Cande V. Ananth

The natural history of pregnancy loss

2013 – Master of Philosophy – Epidemiology

COLUMBIA UNIVERSITY, New York, New York

2010 – Master of Public Health – Epidemiology

COLUMBIA UNIVERSITY, MAILMAN SCHOOL OF PUBLIC HEALTH, New York, New York

2008 – Bachelor of Science – Afroamerican & African Studies

UNIVERSITY OF MICHIGAN, Ann Arbor, Michigan, *Graduated with Distinction*

AWARDS

2016 – Intramural Research Training Award Postdoctoral Fellow

EUNICE KENNEDY SHRIVER NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT

Mentor: Germaine M. Buck Louis Co-mentor: Rajeshwari Sundaram

2013 - 2016 – Intramural Research Training Award Predoctoral Fellow

EUNICE KENNEDY SHRIVER NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT

Mentor: Germaine M. Buck Louis Co-mentor: Rajeshwari Sundaram

2015 – Certificate of Excellence in Peer Review

HUMAN REPRODUCTION

Awarded to the top 10% of the journal's reviewers as judged by the quality and timeliness of reviews

2014 – American Society of Reproductive Medicine Scientific Prize Paper

AMERICAN SOCIETY OF REPRODUCTIVE MEDICINE

Time-to-pregnancy and secondary sex ratio in a preconception cohort

2014 – American Society of Reproductive Medicine Corporate Member Council In-training Travel Grant

AMERICAN SOCIETY OF REPRODUCTIVE MEDICINE

Time-to-pregnancy and secondary sex ratio in a preconception cohort

2014 – American College of Epidemiology Student Paper Prize Award

AMERICAN COLLEGE OF EPIDEMIOLOGY

Successive time-to-pregnancy among women with pregnancy loss

2014 – Certificate of Appreciation for Concept and Design, Graduate Student Art Competition

NATIONAL INSTITUTES OF HEALTH GRADUATE STUDENT COMMITTEE

"Pregnancy Loss"

2014 – Selected Participant 38th Annual SER Research Student Dissertation Workshop

SOCIETY FOR EPIDEMIOLOGIC RESEARCH

The natural history of pregnancy loss

2012 - Selected Participant 8th Annual NICHD-IHDCYH Summer Institute in Reproductive/Perinatal Epidemiology

EUNICE KENNEDY SHRIVER NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT AND CANADIAN INSTITUTES OF HEALTH RESEARCH'S INSTITUTE OF HUMAN DEVELOPMENT, CHILD AND YOUTH HEALTH

2012 – Society for Epidemiologic Research Annual Meeting Student Abstract Competition, First Prize

COLUMBIA UNIVERSITY, MAILMAN SCHOOL OF PUBLIC HEALTH, DEPARTMENT OF EPIDEMIOLOGY
Suicidal thoughts among American Indian/Alaska Native adolescents

2011 – EPIC Fund Awardee

COLUMBIA UNIVERSITY, MAILMAN SCHOOL OF PUBLIC HEALTH, DEPARTMENT OF EPIDEMIOLOGY
Disparities in diabetes-related death rates among adults with diagnosis of diabetes, New York City 2006-07
 International Conference on Urban Health, Belo Horizonte, Brazil

2010 – Susan P. Baker Prize for Injury Prevention in Native Americans

COLUMBIA UNIVERSITY, MAILMAN SCHOOL OF PUBLIC HEALTH, DEPARTMENT OF EPIDEMIOLOGY
Gender-based violence and suicidal ideation among Native American adolescents

2008-2010 – Wyman Merit Scholar

COLUMBIA UNIVERSITY, MAILMAN SCHOOL OF PUBLIC HEALTH, DEPARTMENT OF EPIDEMIOLOGY

DOMESTIC RESEARCH EXPERIENCE**Sept 2013 - Present – Intramural Research Training Award Pre- and Postdoctoral Fellow**

EUNICE KENNEDY SHRIVER NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT, Rockville, MD

- Review literature on topics related to fecundity and fertility.
- Analyze data for dissertation work and other projects on fecundity and fertility.
- Write first-authored manuscripts and scientific abstracts on topics of fecundity and fertility.
- Collaborate as co-author on manuscripts and scientific abstracts on topics of fecundity and fertility.

Feb - Sept 2013 – Consultant

WEILL CORNELL MEDICAL COLLEGE, DEPT OF OBSTETRICS & GYNECOLOGY, New York, NY

- Conducted data analysis using national linked birth and infant death data.
- Co-authored manuscripts and abstracts on the relation of adverse birth outcomes to birth setting.
- Collaborated with a multidisciplinary team of obstetricians and bioethicists to produce scientific papers.

Jan 2010 - June 2013 – Project Coordinator

COLUMBIA UNIVERSITY MEDICAL CENTER, DEPT OF PEDIATRICS, New York, NY

- First-authored manuscripts on risk factors for bacterial vaginosis using primary and secondary data.
- First-authored abstracts to several national and international scientific meetings on risk factors for bacterial vaginosis using primary data.
- Developed study protocol and successfully submitted protocol to Institutional Review Boards.
- Created survey instrument on sexual behavior and medical history.
- Created and maintained a database of study data, including performing quality assurance.
- Recruited patients in a clinical setting with an 87% success rate.
- Interviewed women of diverse races, cultures, and ages on sensitive topics including sexual behavior.
- Processed patient specimens for storage and future use in a wet lab at CUMC.
- Collaborated with a multidisciplinary team of pediatricians, gynecologists, neonatologists, and microbiologists to achieve study goals and to produce scientific papers.

Sept 2008 - Nov 2009 – Research Assistant

NEW YORK ACADEMY OF MEDICINE, New York, NY

- First-authored manuscript on social network characteristics and mental health service utilization.
- First-authored abstracts on adverse childhood experiences and adult alcohol dependence and on social network characteristics and mental health service utilization.
- Co-authored abstract on pharmacy staff characteristics associated with support of in-pharmacy vaccination.

- Created multiple quality assurance databases, which captured previously unrecorded errors made in survey administration, resulting in an overall significant improvement in quality of data.
- Improved quality of data procured during interviews by programming an in-depth survey administered to hundreds of participants into the Questionnaire Design System.
- Interviewed racially/ethnically diverse substance using men and women on sensitive topics including drug use, sexual behaviors, mental health, and abuse history.

INTERNATIONAL EXPERIENCE

Feb - June 2007 – Research Assistant

TREATMENT ACTION CAMPAIGN, Cape Town, South Africa

- Reviewed literature on the prevalence of and attitudes towards gender-based violence in South Africa and the capability of various governmental and non-governmental sectors to deal with this public health issue for the General Secretary of Treatment Action Campaign, South Africa's leading HIV/AIDS advocacy organization.
- Wrote a Treatment Action Campaign Briefing Document "Contextualizing Gender-Based Violence in South Africa and Examining Systematic Responses to GBV," which was used to inform discussion on gender-based violence in South Africa for TAC and other African organizations working on gender issues.

Feb - June 2007 – SHAWCO Health Volunteer

STUDENTS' HEALTH AND WELFARE CENTRES ORGANISATION, Cape Town, South Africa – 2/2007-6/2007

- Examined patients, took patient histories, and assisted in the formation of differential diagnoses, under physician supervision, as a member of SHAWCO Health, whose mission is to provide low-cost health care to impoverished populations in the townships outside Cape Town, South Africa, that were not typically able to access health care.

July - Aug 2006 – Research Assistant

UNIV. OF MICHIGAN/UNIV. OF JOHANNESBURG, Johannesburg, South Africa

- Provided technological assistance and detailed note taking on oral histories of poverty and HIV for a joint University of Michigan/University of Johannesburg research project on the efficacy of HIV/AIDS education in populations of low-income African women in a township of Johannesburg.
- Co-produced a final presentation on the project outcomes to the Ford Foundation, the primary research sponsor.

TEACHING EXPERIENCE

March 2012 – Guest Lecturer

OB/GYN RESIDENTS' LECTURE SERIES, NEW YORK PRESBYTERIAN-WEILL CORNELL MEDICAL COLLEGE, New York
"So you want to do a research study... An introduction to biostatistics & epidemiology for OB/GYN residents"

Fall 2012 – Teaching Assistant

APPLIED EPIDEMIOLOGIC ANALYSIS, COLUMBIA UNIVERSITY, New York, NY

- Assisted in development of and co-taught weekly computer-based laboratories on advanced epidemiologic concepts for 40 master- and doctoral-level students in epidemiology.
- Assisted in the development of evaluations (homework and exams) and in grading these evaluations.

Fall 2010, Summer 2011, Fall 2011 – Teaching Assistant

INTRODUCTION TO EPIDEMIOLOGY, COLUMBIA UNIVERSITY, New York, NY

- Taught weekly seminars on fundamental epidemiologic concepts to a group of 20 master- and doctoral-level students in public health.
- Graded weekly homeworks, term papers, and examinations.

PROFESSIONAL SERVICE

Moderator

2015 – NICHD 'IS HUMAN FECUNDITY CHANGING?' WORKSHOP, NOVEL APPROACHES FOR ANSWERING DATA GAPS

Judge

2014 – NATIONAL INSTITUTES OF HEALTH ANNUAL POSTBACCALAUREATE FELLOWS' POSTER DAY

Committee Member

2015 - CURRENT – SOCIETY FOR EPIDEMIOLOGIC RESEARCH PUBLICATIONS COMMITTEE

2014 - 2015 – NICHD SCIENTIFIC PLANNING COMMITTEE FOR 'IS HUMAN FECUNDITY CHANGING?' WORKSHOP

2014 - 2015 – NICHD ANNUAL FELLOWS' RETREAT PLANNING COMMITTEE

Ad hoc Reviewer

Journals

2016 - CURRENT – PAEDIATRIC AND PERINATAL EPIDEMIOLOGY

2015 - CURRENT – ANNALS OF EPIDEMIOLOGY

2015 - CURRENT – AMERICAN JOURNAL OF OBSTETRICS & GYNECOLOGY

2015 - CURRENT – REPRODUCTIVE HEALTH

2015 - CURRENT – INJURY EPIDEMIOLOGY

2014 - CURRENT – HUMAN REPRODUCTION

2014 - CURRENT – EUROPEAN JOURNAL OF NUTRITION

2011 – PLOS ONE, INFECTIOUS DISEASE SECTION

Scientific Meetings

2012 - CURRENT – SOCIETY FOR EPIDEMIOLOGIC RESEARCH ANNUAL MEETING

2012 - CURRENT – SOCIETY FOR PEDIATRIC AND PERINATAL EPIDEMIOLOGIC RESEARCH ANNUAL MEETING

PROFESSIONAL SOCIETY MEMBERSHIPS

2015 - CURRENT – AMERICAN SOCIETY FOR REPRODUCTIVE MEDICINE

2014 - 2015 – EUROPEAN SOCIETY OF HUMAN REPRODUCTION AND EMBRYOLOGY

2012 - CURRENT – SOCIETY FOR PEDIATRIC AND PERINATAL EPIDEMIOLOGIC RESEARCH

2012 - CURRENT – SOCIETY FOR EPIDEMIOLOGIC RESEARCH

INVITED TALKS

September 2015 – NICHD 'IS HUMAN FECUNDITY CHANGING?' WORKSHOP, Bethesda, Maryland
"Weight of evidence—Declining, improving, no change"

May 2013 – THE MIROS STUDY GROUP, THE SAINTE-JUSTINE UNIVERSITY HOSPITAL CENTER, Montreal, Canada,
via teleconference from New York, NY
"The importance of race/ethnicity in bacterial vaginosis—Initial findings from the BV-IDEAS study"

SCIENTIFIC CONFERENCE PRESENTATIONS

Contributed Talks (*denotes presenting author)

*12. Sapra KJ, Eisenberg ML, Kim S, Chen Z, Buck Louis GM. "Male underwear and semen quality in a population-based preconception cohort" 2015 American Society of Reproductive Medicine Annual Meeting, Baltimore, MD

11. Buck Louis GM, Sapra KJ, Schisterman EF, Lynch CD, Maisog JM, Grantz KL, Sundaram R. "Lifestyle and pregnancy loss among women using home pregnancy test kits, LIFE Study" 2015 American Society of Reproductive Medicine Annual Meeting, Baltimore, MD

10. Buck Louis GM, **Sapra KJ**, Barr DB, Maisog JM, Sundaram R. "Preconception perfluoroalkyl and polyfluoroalkyl serum concentrations and incident pregnancy loss, LIFE Study" 2015 International Society for Environmental Epidemiology Annual Meeting, Sao Paolo, Brazil

*9. **Sapra KJ**, Barr DB, Sundaram R, Buck Louis GM. "Couples' use of tobacco products and time-to-pregnancy in a preconception cohort" 2015 Society for Epidemiologic Research Annual Meeting, Denver, CO

***Sapra KJ**, Bae J, Kim S, Buck Louis GM. "Time-to-pregnancy and secondary sex ratio in a preconception cohort" 2014 American Society of Reproductive Medicine Annual Meeting, Honolulu, HI

8. Buck Louis GM, Kannan K, **Sapra KJ**, Maisog J, Sundaram R. "Urinary concentrations of benzophenone-type UV filters and couple fecundity" 2014 American Society of Reproductive Medicine Annual Meeting, Honolulu, HI

7. Buck Louis GM, Chen Z, Kim S, **Sapra KJ**, Bae J, Kannan K. "Urinary concentrations of benzophenone-type UV filters and semen quality" 2014 American Society of Reproductive Medicine Annual Meeting, Honolulu, HI

*6. **Sapra KJ**, McLain AC, Maisog JM, Sundaram R, Buck Louis GM. "Successive time-to-pregnancy among women with pregnancy loss" 2014 American College of Epidemiology Annual Meeting, Silver Spring, MD

*5. **Sapra KJ**, McLain AC, Maisog JM, Sundaram R, Buck Louis GM. "Successive time-to-pregnancy among women experiencing hCG pregnancy loss" 2014 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Seattle, WA

4. Grunebaum A, McCullough LB, **Sapra KJ**, Brent RL, Levene MI, Arabin B, Chervenak FA. "Excess Total and Early Neonatal Mortality in Relation to Birth Setting and Providers" 2014 Society for Maternal-Fetal Medicine Annual Meeting, New Orleans, LA

3. Sapra ES, **Hensel KJ**, Landres IV, Jaffe S, and Gelber SE. "Associations between maternal age and obstetric and perinatal outcomes in twin IVF pregnancies" 2012 Society for Gynecologic Investigation Annual Meeting, San Diego, CA

*2. Stadelmann L, **Hensel KJ**, Bursac R, Nash D. "Disparities in diabetes-related death rates among adults with a diagnosis of diabetes, New York City 2006-2007" 2011 International Conference on Urban Health, Belo Horizonte, Brazil

*1. **Hensel KJ**, Nandi V, Frye V, Benjamin EO, Ompad DC. "Adverse childhood experiences and adult alcohol dependence in New York City" 2009 International Conference on Urban Health, Nairobi, Kenya

Poster Presentations

21. **Sapra KJ**, Ahrens KA, Chaurasia AK, Hutcheon JA. "The tip of the iceberg: The problem of missing data in racial disparities of preterm birth" 2015 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Denver, CO

20. Sapra ES, **Sapra KJ**, Arya P, Inglis SR. "Gestational diabetic perinatal/maternal outcomes amongst different ethnic/racial groups in New York City" 2015 Society for Reproductive Investigation Annual Meeting, San Francisco, CA

19. Melnick AP, Masbou AK, Murphy EM, **Sapra KJ**, Rosenwaks Z, Spandorfer SD. "Autologous endometrial coculture biopsy: Is timing really everything?" 2014 American Society of Reproductive Medicine Annual Meeting, Honolulu, HI

18. **Sapra KJ**, McLain AC, Maisog JM, Sundaram R, Buck Louis GM. "Clustering of retrospectively reported and prospectively observed time-to-pregnancy among women in a preconception cohort" 2014 American College of Epidemiology Annual Meeting, Silver Spring, MD

17. Desai PV, Randis TM, **Sapra KJ**, Sapra E, Shutak C, Gelber SE, Ratner AJ. "Detection of vaginolyisin as new diagnostic tool for bacterial vaginosis" 2014 Pediatric Academic Societies Annual Meeting, Vancouver, Canada

16. Desai PV, Randis TM, **Sapra KJ**, Gelber SE, Ratner AJ. "Factors leading to Group B Streptococcus colonization in the genital tract of non-pregnant women" 2014 Pediatric Academic Societies Annual Meeting, Vancouver, Canada

15. Vieira LA, **Sapra KJ**, Grunebaum A. "Fetal ultrasound parameters predict the neonatal body mass index" 2014 American College of Obstetricians and Gynecologists Annual Meeting, Chicago, IL

14. Kofinas JD, Varrey A, **Sapra KJ**, Kanj RV, Chervenak FA, Asfaw T. "Social Media as a technique for more effective contraceptive counseling: a randomized controlled trial" 2014 American College of Obstetricians and Gynecologists Annual Meeting, Chicago, IL

13. Gelber SE, Varrey A, **Sapra KJ**. "Risk for Adverse Neonatal Outcome in Patients with PPROM" 2014 Society for Gynecologic Investigation Annual Meeting, Florence, Italy

12. **Sapra KJ**, Randis TM, Whittier S, Gelber SE, Ratner AJ. "Circulating vitamin D levels and bacterial vaginosis prevalence among nonpregnant women: Does a threshold exist and does it vary by race/ethnicity?" 2013 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Boston, MA

11. **Sapra KJ**, Randis TM, Shutak CW, Whittier S, Gelber SE, Ratner AJ. "Genotypic variations in the VDR *Fok1* SNP modify association of smoking on BV prevalence in non-pregnant women" 2013 Society for Gynecologic Investigation Annual Meeting, Orlando, FL

10. **Sapra KJ**, Randis TM, Whittier S, Gelber SE, Ratner AJ. "Characteristics of Women with Bacterial Vaginosis Undetected by Amsel Criteria" 2013 Society for Gynecologic Investigation Annual Meeting, Orlando, FL

9. Noel M, **Sapra K**, Aelion A, Spandorfer S. "Changes in the Endometrial Lining During In Vitro Fertilization Cycles Predict Pregnancy Outcomes" 2013 Society for Gynecologic Investigation Annual Meeting, Orlando

8. Gelber SE, Brent E, Varrey A, Fridman BZ, **Sapra KJ**, Frayer W. "Equivalence of erythromycin and azithromycin for treatment of PPROM" 2013 Society for Maternal-Fetal Medicine Annual Meeting, San Francisco, CA

7. Lifshitz SJ, Trye SA, **Sapra KJ**, Norman N, Bongiovanni AM, Witkin SS, Gelber SE. "Neutrophil Gelatinase-Associated Lipocalin as a diagnostic marker for preeclampsia" 2013 Society for Maternal-Fetal Medicine Annual Meeting, San Francisco, CA

6. **Hensel K**. "Suicidal thoughts among American Indian/Alaska Native adolescents" 2012 Society for Epidemiologic Research Annual Meeting, Minneapolis, MN

5. **Hensel K**. "Suicide attempts among American Indian/Alaska Native adolescents" 2012 Society for Pediatric & Perinatal Epidemiologic Research Annual Meeting, Minneapolis, MN

4. Hong KH, Forman EJ, Treff N, **Hensel KJ**, Scott RT. "Blastocyst transfer with comprehensive chromosome screening (CCS) yields similar implantation and pregnancy rates across age groups in fresh IVF cycles" 2012 Midwest Reproductive Society Annual Meeting, Chicago, IL

3. **Hensel KJ**, Randis TM, Gelber SE, Whittier S, Ratner AJ. "Partner characteristics associated with bacterial vaginosis" 2011 Infectious Disease Society of America Annual Meeting, Boston, MA

2. **Hensel KJ**, Jones K, Crawford ND, Stern RJ, Fuller CM. "Social network characteristics and mental health service utilization among drug users in New York City" 2009 International Conference on Urban Health, Nairobi, Kenya

1. Crawford ND, Amesty S, **Hensel KJ**, Ompad DC, Fuller C. "Individual characteristics associated with support of in-pharmacy vaccination: Preliminary findings from the PHARM-Link study" 2009 American Public Health Association Annual Meeting, Philadelphia, PA

PUBLICATIONS

21. Buck Louis GM, **Sapra KJ**, Schisterman EF, Lynch CD, Maisog JM, Grantz KL, Sundaram R. Lifestyle and pregnancy loss in a contemporary cohort of women recruited prior to conception, LIFE Study. *Fert Stert*, in press.

20. Sapra KJ, Buck Louis GM, Sundaram R, Joseph KS, Galea S, Bates LM, Ananth CV. Signs and symptoms associated with early pregnancy loss: Findings from a population-based preconception cohort. *Hum Reprod*, in press.

19. Sapra KJ, Eisenberg ML, Kim S, Chen Z, Buck Louis GM. Choice of underwear and male fecundity in a preconception cohort of couples. *Andrology*, in press.

18. Skakkebaek NE, Rajpert-De Meyts, E, Buck Louis GM, Toppari J, Andersson AM, Eisenberg ML, Jensen TK, Jorgensen N, Swan SH, **Sapra KJ**, Ziebe S, Priskorn L, Juul A. (2016). Male reproductive disorders and fertility trends: influences of environment and genetic susceptibility. *Physiol Reviews*, Jan;96(1):55-97.

17. Sapra KJ, McLain AC, Maisog JM, Sundaram R, Buck Louis GM. (2015). Clustering of retrospectively reported and prospectively observed time-to-pregnancy among women in a preconception cohort. *Ann Epidemiol*, Dec;25(12):959-63.

16. Buck Louis GM, Chen Z, Kim S, **Sapra KJ**, Bae J, Kannan K. (2015). Urinary concentrations of benzophenone-type UV filters and semen quality. *Fert Stert*, Oct;104(4):989-96.

15. Frey MK, Pauk SJ, Moss HA, **Sapra KJ**, Gerber D, Stewart, JD, Caputo TA. (2015). Availability and scope of integrated screening for patients with Lynch syndrome. *Int J Gynaecol Obstet*, Nov;131(2):142-6.

14. Melnick AP, Masbou AK, Murphy EM, **Sapra KJ**, Rosenwaks Z, Spandorfer SD. (2015). Autologous endometrial coculture biopsy: Is timing really everything? *Fert Stert*, Jul;104(1):104-109.

13. Suglia SF, **Sapra KJ**, Koenen K. (2015). Violence and cardiovascular health: a systematic review. *Am J Prev Med*; 48(2):205-12.

12. Bautista J, Bella A, Chaudhari A, Pekler G, **Sapra KJ**, Carbajal R, Baumstein D. (2015). Advanced chronic kidney disease in non-valvular atrial fibrillation: extending the utility of R2CHADS2 to patients with advanced renal failure. *Clin Kidney J*; 8(2)226-31.

11. Zuniga R, Bautista J, **Sapra K**, Westerfield K, Williams S, Sy AM. (2015). Combination of triple therapy and chronic PPI use may decrease risk of colonic adenomatous polyps in Helicobacter pylori Infection. *Gastroenterol Res Pract*; 2015:638547.

10. Buck Louis GM, Kannan K, **Sapra KJ**, Maisog J, Sundaram R. (2014). Urinary concentrations of benzophenone-type ultraviolet filters and couples' fecundity. *Am J Epidemiol*; 180(12):1168-75.

9. Sapra KJ, McLain AC, Maisog JM, Sundaram R, Buck Louis GM. (2014). Successive time-to-pregnancy among women experiencing pregnancy loss. *Hum Reprod*; 29(11):2553-9.

8. Frey MK, Taylor JS, Hughes D, Turbendian HK, **Sapra KJ**, Holcomb K. (2014). Knowledge of Lynch syndrome among obstetrician/gynecologists and general surgeons. *Int J Gynaecol Obstet*; 126(2):161-4.

7. Grünebaum A, McCullough LB, **Sapra KJ**, Brent RL, Levene MI, Arabin B, Chervenak FA. (2014). Early and total neonatal mortality in relation to birth setting in the United States, 2006-2009. *Am J Obstet Gynecol*; 210(1):e1-7.

6. Kofinas JD, Varrey A, **Sapra KJ**, Kanj RV, Chervenak FA, Asfaw T. (2014). Adjunctive social media for more effective contraceptive counseling: a randomized controlled trial. *Obstet Gynecol*; 123(4):763-770.

5. **Sapra KJ**, Jubinski SM, Tanaka MF, Gershon RRM. (2014). Family and partner interpersonal violence among American Indians/Alaska Natives. *Injury Epidemiol*; 1:7.

4. **Sapra KJ**, Crawford ND, Benjamin E, Jones K, Fuller CM. (2013). Social network members' roles and use of mental health services among drug users in New York City. *J Behav Health Serv Res*; 40(4):476-87.

3. Grunebaum A, McCullough LB, **Sapra KJ**, Brent RL, Levene MI, Arabin B, Chervenak FA. (2013). Apgar score of 0 at 5 minutes and neonatal seizures or serious neurologic dysfunction in relation to birth setting. *Am J Obstet Gynecol*; 209(4):323.e1-6.

2. Frey MK, Bashir S, Ward NM, **Hensel KJ**, Caputo TA, Holcomb KM, Baergen R, Gupta D. (2013). Role of surgical staging and adjuvant treatment in uterine serous carcinoma. *Eur J Gynaecol Oncol*; 34(5):453-6.

1. **Hensel KJ**, Randis TM, Gelber SE, Ratner AJ. (2011). Pregnancy-specific association of vitamin D deficiency and bacterial vaginosis. *Am J Obstet Gynecol*; 204(1):41.e1-9.

Under Review

Sapra KJ, Joseph KS, Galea S, Bates LM, Buck Louis GM, Ananth CV. Signs and symptoms of pregnancy loss: A systematic review.

Sapra KJ, Barr DB, Sundaram R, Buck Louis GM. Couples' use of tobacco products and time-to-pregnancy in a preconception cohort.

Sapra KJ, Buck Louis GM, Sundaram R, Joseph KS, Galea S, Bates LM, Ananth CV. Time-varying effects of signs and symptoms of early pregnancy loss: Findings from a population-based preconception cohort.

Sapra KJ, Ahrens KA, Chaurasia AK, Hutcheon JA. Differential loss to follow-up in racial disparities in preterm birth.

Buck Louis GM, **Sapra KJ**, Barr DB, Maisog JM, Sundaram R. Preconception perfluoroalkyl and polyfluoroalkyl serum concentrations and incident pregnancy loss, LIFE Study.

Randis TM, Desai PV, **Sapra KJ**, Shutak C, Whittier S, Gelber SE, Ratner AJ. Group B *Streptococcus* vaginal colonization in non-pregnant women.

Frey MK, Sandler G, Sobolev R, Kim S, Chambers R, Bassett RY, Martinaeu J, **Sapra KJ**, Blank SV. Higher rates of clinically actionable multigene panel results in Ashkenazi Jewish patients.

In Preparation

Sapra KJ, Bae J, Kim S, Buck Louis GM. Time-to-pregnancy and secondary sex ratio in a population-based preconception cohort.

Mumford S, **Sapra KJ**, Louis F, King R, Buck Louis GM. Pregnancy intentions in the United States—analyses using the National Survey of Family Growth.

Bae J, Lynch CD, **Sapra KJ**, Kim S, Sundaram R, Buck Louis GM. Preconception and early pregnancy stress and the secondary sex ratio in a population-based preconception cohort.

Eisenberg ML, **Sapra KJ**, Kim S, Chen Z, Buck Louis GM. Semen quality and early pregnancy loss.