**Curriculum Vitae**

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| **Date Prepared:** | **January 24, 2020** | |
| **Name:** | **Laura Elizabeth Dodge** | |
| **Office Address:** | **Department of Obstetrics and Gynecology**  **Beth Israel Deaconess Medical Center (BIDMC)**  **330 Brookline Avenue, Kirstein 3**  **Boston, MA 02215** | |
| **Home Address:** | **112 Fourth St.**  **Medford, MA 02155** | |
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| **Work Email:** | [ledodge@bidmc.harvard.edu](mailto:ledodge@bidmc.harvard.edu) | |
| **Work FAX:** | **617.667.4193** | |
| **Place of Birth:** | | **Laconia, New Hampshire** | |

Education:

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| Year | Degrees (Honors) | Fields of Study  (Thesis advisor for doctoral research degrees) | Institution |

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| --- | --- | --- | --- |
| 2006 | BSc | Biology | McGill University, Montreal, Québec, Canada (McGill) |
| 2009 | MPH | Maternal and Child Health | Boston University School of Public Health (BUSPH) |
| 2014 | ScD | Epidemiology (Russ Hauser, MD, ScD, MPH) | Harvard T.H. Chan School of Public Health (HSPH) |

Faculty Academic Appointments:

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| --- | --- | --- | --- |
| Month/Year(s) | Academic Title | Department | Academic Institution |

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| --- | --- | --- | --- |
| 10/14- | Assistant Professor | Obstetrics, Gynecology and Reproductive Biology | Harvard Medical School (HMS) |
| 4/17- | Instructor | Epidemiology | HSPH |

Appointments at Hospitals/Affiliated Institutions:

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| Month/Year(s) | Position Title | Department (Division, if applicable) | Institution |

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| 10/14- | Staff Scientist | Obstetrics and Gynecology | Beth Israel Deaconess Medical Center (BIDMC) |

Other Professional Positions:

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| Year(s) | Position Title | Institution |

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| --- | --- | --- |
| 2006-2007 | Laboratory Technician | McGill |
| 2008 | Intern | Ibis Reproductive Health |
| 2008-2014 | Clinical Research Assistant | BIDMC |
| 2014 | Clinical Research Coordinator | BIDMC |
| 2018- | Consultant | Harvard Catalyst Biostatistics Consultation Program |

Committee Service:

Local

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| Year(s) of Membership | Name of Committee | Institution/Organization |
|  | Dates of Role(s) | Title of Role(s) |

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| --- | --- | --- |
| 2015- | Maternal Fetal Medicine Fellowship Selection Committee | Department of Obstetrics and Gynecology (Dept. Ob-Gyn), BIDMC |
| 2015- | Obstetrics and Gynecology Residency Selection Committee | Dept. of Ob-Gyn, BIDMC |
| 2015- | Scientific Review Program Scientific Review Officer | BIDMC |
| 2015- | The Joint Committee on the Status of Women | HMS/Harvard School of Dental Medicine |
| 2015- | Shore Fellowship Program for Scholars in Medicine Selection Committee | Dept. of Ob-Gyn, BIDMC |
| 2016- | Committee on Clinical Investigations/Institutional Review Board | BIDMC |
| 2016- | Reproductive Endocrinology and Infertility Fellowship Selection Committee | Dept. Ob-Gyn, BIDMC |
| 2017- | Reproductive, Perinatal and Pediatric Epidemiology Admissions Committee | HSPH |
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National

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| Year(s) of Membership | Name of Committee | Institution/Organization |
|  | Dates of Role(s) | Title of Role(s) |

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| 2016- | Abortion Clinical Trials Network, Coordinating Site Principal Investigator | Society of Family Planning |
| 2019- | Annual Meeting Subcommittee | Society of Family Planning |

Professional Societies:

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| Year(s) of Membership | Society Name |  |
|  | Dates of Role(s) | Title of Role(s) |

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| 2008-2009 | American Public Health Association | Member |
| 2011- | Society of Epidemiologic Research |  |
|  | 2014- | Abstract Selection Committee |
| 2012- | Society of Perinatal and Pediatric Epidemiologic Research |  |
|  | 2015- | Abstract Selection Committee |
| 2014- | Society of Family Planning | Full Fellow |
|  | 2015- | Scientific Committee |
| 2015- | American Society for Reproductive Medicine |  |
|  | 2018- | Abstract Selection Committee |

Grant Review Activities:

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| 2018- | Objective Review Committee | Office of Population Affairs – Title X Family Planning Services |
| 2019- | Objective Review Committee | Office of Population Affairs – Title X Family Planning Research Grants |

Editorial Activities:

Ad hoc Reviewer

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| Journals for which you serve as a reviewer |

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| American Journal of Obstetrics and Gynecology  American Journal of Public Health  BMC Women’s Health  Chemosphere  Contraception  Ecotoxicology and Environmental Safety  Environmental Research  Human Reproduction  Human Reproduction Update  Journal of Assisted Reproduction and Genetics  Journal of Family Planning and Reproductive Health Care  Journal of Obstetrics and Gynaecology  PLoS One  Reproductive Sciences  Sexual & Reproductive Healthcare  Women’s Health Issues |

Honors and Prizes:

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| --- | --- | --- | --- |
| Year | Name of Honor/Prize | Awarding Organization | Achievement for which awarded  (if unclear from award title) |

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| --- | --- | --- | --- |
| 2007 | Merit Scholarship | BUSPH |  |
| 2008 | Honorable Mention for Student Excellence in Public Health Practice | BUSPH |  |
| 2010, 2012 | Jacob, Beulah, and Donald Chayet Scholarship | BIDMC | Scholastic merit |
| 2011 | NIH Epidemiology Training Grant | HSPH |  |
| 2012 | Summer Institute in Reproductive and Perinatal Epidemiology | National Institute of Child Health and Human Development (NICHD) |  |
| 2016 | Outstanding Reviewer | Women’s Health Issues |  |

**Report of Funded and Unfunded Projects**

Past

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| --- | --- |
| Year(s) | Grant title |
|  | Grant type and number |
|  | Role of Project |
|  | Description of the major goals |

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| --- | --- |
| 2009-2010 | Intrapartum rapid test for group B streptococcus in pregnancy  NIH 1 UL1 RR 025758-0: Harvard Catalyst | The Harvard Clinical and Translational Science Center |
|  | Research Assistant |
|  | The major goals of this project are 1) to evaluate whether a rapid Group B Streptococcus (GBS) assay in the intrapartum period has superior sensitivity, specificity and predictive values compared with the antepartum GBS culture and 2) to assess the influence of intrapartum screening on neonatal outcomes, such as neonatal intensive care admissions, infections and sepsis evaluations. |
| 2010-2011 | Knowledge of state abortion laws and regulations among clinicians and front-line staff members at reproductive health facilities  William F. Milton Fund  Co-investigator  The major goals of this project are to 1) determine whether accuracy of knowledge of state abortion laws and regulations differs by geography and 2) determine factors associated with more accurate knowledge of state-level abortion laws and regulations. |
| 2010-2011 | *Mycoplasma genitalium* and preterm delivery at an urban community health center  NIH 1 UL1 RR 025758-0: Harvard Catalyst | The Harvard Clinical and Translational Science Center  Co-Investigator  The major goals of this project are to determine 1) the prevalence of cervical *Mycoplasma genitalium* (*MG*) colonization among women at an urban community health center and 2) the incidence of preterm birth among women with cervical *MG* colonization during pregnancy compared to whose without evidence of colonization. |
| 2011-2014 | Training program in environmental epidemiology  T32 ES 07069: National Institute of Environmental Health Sciences  Pre-doctoral fellow |
| 2013-2014 | Qualitative assessments of intrauterine contraception simulation training at Planned Parenthood affiliates  Affiliates Risk Management Services, Inc.  Co-Investigator  The major goal of this study is to evaluate the feasibility and acceptability of training for intrauterine device insertion at Planned Parenthood affiliates using the ARMS PelvicSim™ simulator |
| 2013-2018 | Evaluation of Affiliates Risk Management Services, Inc.’s TeamSTEPPS training intervention  Affiliates Risk Management Services, Inc.  Co-Investigator  The major goal of this study is to evaluate the influence of team training on team knowledge, skills and attitudes, as well as quality and safety measures at Planned Parenthood affiliates. |
| 2014-2015 | Evaluation of the ARMS PelvicSim™ simulator for training in intrauterine contraception insertions  Affiliates Risk Management Services, Inc.  Co-Investigator  The major goal of this study is to evaluate how training for intrauterine device insertion using the ARMS PelvicSim™ simulator compares with standard training with regard to knowledge, skills and attitudes. |
| 2015-2017 | Improving the infertility knowledge base using appropriate statistical methods to investigate the etiology of meaningful clinical questions  NIH Contraception and Infertility Research Loan Repayment Program  Principal investigator [$26,024]  The goal of this work is to investigate the etiology of racial and ethnic disparities in outcomes among women undergoing in vitro fertilization, to assess the predictors and risk factors of poor and failed fertilization, and to conduct a review of epidemiologic methods in infertility research studies. |
| 2017 | Later Abortion Initiative  Ibis Reproductive Health  Consultant  The goal of this project is to provide research and statistical expertise to the research component of the Later Abortion Initiative at Ibis Reproductive Health. |
| 2017-2018 | Using a large and complete cohort to investigate racial and ethnic disparities in treatment success following in vitro fertilization  Harvard University William F. Milton Fund  Principal investigator [$50,000]  The goal of this work is to examine whether comorbidities and vitamin D status are associated with racial and ethnic disparities in treatment success following in vitro fertilization. |
| 2017-2019 | Novel clinical questions to improve counseling and outcomes for patients undergoing in vitro fertilization  National Institutes of Health Contraception and Infertility Research Loan Repayment Program  Principal investigator [$20,892]  The goal of this work is to challenge existing beliefs that lack a strong evidence base, as well as to generate new information to improve patient counseling and treatment success following in vitro fertilization. |
| 2018-2019 | An investigation of referral patterns for abortion care within an academic medical network  Ibis Reproductive Health  Principal investigator [$25,783]  The goal of this work is to investigate the referral process used by a variety of healthcare providers within an academic network that offers abortion services and develop recommendations to inform future interventional research and advocacy to improve referral services within these networks. |

Current

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| --- | --- |
| Year(s) | Grant title |
|  | Grant type and number |
|  | Role of Project (if PI or site PI, total direct costs) |
|  | Description of the major goals |

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| 2018-2020 | Harvard Catalyst | The Harvard Clinical and Translational Science Center  NIH 1 UL 1 TR 001102-01  Biostatistician  The goals of this program are to provide resources to educate and develop the next generation of researchers trained in the complexities of translating research discoveries into clinical trials ultimately into practice. Design new and improved clinical research informatics tools for analyzing research data and managing clinical trials. Support outreach to underserved populations, local community and advocacy organizations, and health care providers. Assemble interdisciplinary teams and forge new partnerships with private and public health care organizations. |
| 2018-2020 | Quality of information available online for medication abortion self-referral  Society of Family Planning  Principal investigator [$119,833]  The goal of this work is to, in collaboration with computer engineers, develop and use automated search tools using crowdsourced terms in English and Spanish to mimic searches from each of the nearly 42,000 US zip codes in order to describe the quality of information available for medication abortion self-referral. We will leverage our existing relationship with Google to determine whether this information can effectively assist Google in improving the search product related to medication abortion. |
|  |  |
| 2019-2020 | Examining male partner characteristics and use of preimplantation genetic testing to improve patient counseling and clinical outcomes for patients undergoing in vitro fertilization  National Institutes of Health Contraception and Infertility Research Loan Repayment Program  Principal investigator [$8,070]  The goal of this work is to challenge examine characteristics of the male partner among couples undergoing in vitro fertilization in order to generate new information to improve patient counseling and treatment success following in vitro fertilization. |
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**Training Grants and Mentored Trainee Grants**

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| Year(s) | | Grant title |
|  | | Grant type and number |
|  | | Role of Project (if PI or site PI, total direct costs) |
|  | | Description of the major goals |
| 2016-2017 | Exploring the impact of federal regulations on abortion research  Society of Family Planning  Mentor  The major goal of this study is to identify whether federal regulations regarding abortion research have become barriers to research in academic medical centers, and if so, how they change the ways investigators research abortion. | |
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Unfunded Current Projects

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| Year(s) funded | Role on Project/Title of Project |
|  | One sentence description of the purpose of the project |

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| 2015- | Principal investigator / The impact of age on treatment termination among women undergoing in vitro fertilization |
| 2016- | Co-investigator / Evaluating the effect of federal regulations on family planning research through systematic review and semi-structured interviews |
| 2016- | Co-investigator / Teaching learners to address intimate partner violence |
| 2017- | Principal investigator / The effect of male partner age on cumulative incidence of live birth among couples undergoing in vitro fertilization |
| 2017- | Co-investigator / Evaluating a curriculum of cultural consciousness and challenging encounters |
| 2019- | Principal investigator / Use of preimplantation genetic testing for aneuploidy and treatment discontinuation following in vitro fertilization |
| 2019- | Co-investigator / Impact of physician contact on patient anxiety and distress during the waiting period after embryo transfer |

**Report of Local Teaching and Training**

Teaching of Students in Courses:

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| --- | --- | --- |
| Year(s) | Course Title | Location |
|  | Type of student/audience | Level of Effort |

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| --- | --- | --- |
| 2013 | EPI236: Analytical Aspects of Clinical Epidemiology | HSPH |
|  | Graduate students | 14 hrs per wk for 3 wks |
| 2014 | BIO208: Statistics for Medical Research, Advanced | HSPH |
|  | Graduate students | 14 hrs per wk for 3 wks |
| 2016-2018 | EPI270: Advanced Reproductive Epidemiology | HSPH |
|  | Graduate students | 3 hrs per wk for 7 wks |
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Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

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| --- | --- | --- |
| Year(s) | Title | Location |
|  | Type of student/audience | Level of Effort |

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| 2016- | Obstetrics and gynecology journal club | BIDMC |
|  | Ob-Gyn residents and sub-specialty fellows | 1 hr per wk for 8 wks |
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Laboratory and Other Research Supervisory and Training Responsibilities:

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| Year(s) | Type of responsibility | Level of Effort |

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| --- | --- | --- | --- | --- | --- |
| 2015- | | Supervision of obstetrics and gynecology residents in designing research projects, analyzing data, and writing manuscripts | | BIDMC  2-4 hrs weekly | |
| 2015-  2015- | | Supervision of medical students in designing research projects, analyzing data, and writing manuscripts  Supervision of reproductive endocrinology and infertility fellows in designing research projects, analyzing data, and writing manuscripts | | BIDMC  1 hr weekly  BIDMC  1-2 hrs weekly | |
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Formally Mentored Harvard Medical, Dental and Graduate Students:

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| Year(s) | Names and degrees/ Current position |
|  | Describe the type of supervision and the specific accomplishments of your trainee that occurred as a direct result of your supervision (maximum one sentence) |

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| --- | --- |
| 2016-2019 | Nisha Verma, MD / Resident, Department of Obstetrics and Gynecology, BIDMC |
|  | Supervising a research project that resulted in a grant from the Society of Family Planning |
| 2017- | Alexandra Rashedi, BS / SM2 student, Department of Epidemiology, HSPH  Providing academic advising and supervising work study |
| 2018- | Jordan Arvayo, BS / SM2 student, Department of Epidemiology, HSPH  Providing academic advising |

Local Invited Presentations:

***No presentations below were sponsored by outside entities***

|  |  |
| --- | --- |
| 2015 | Paternal exposure to environmental chemicals and reproductive outcomes among couples from a fertility clinic / Grand rounds  Dept. of Ob-Gyn, Massachusetts General Hospital |
| 2016 | Stepping up for safety: Improving patient safety in ambulatory reproductive healthcare through the TeamSTEPPS® model / Grand rounds  Dept. of Ob-Gyn, BIDMC |
| 2016 | Statistical considerations for clinical research protocols / Invited talk  Clinical Research Team Rounds, BIDMC |
| 2018 | The impact of male partner age on cumulative incidence of live birth following IVF / Grand rounds  Dept. of Ob-Gyn, BIDMC |
| 2018 | Referrals as a critical component of abortion access / Grand rounds  Department of Ob-Gyn, Division of Family Planning, Brigham and Women’s Hospital |
| 2019 | Just Google It: Quality of information available online for abortion self-referral / Invited talk  Willows Impact Evaluation Project Speaker Series, Harvard T.H. Chan School of Public Health |
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**Report of Regional, National and International Invited Teaching and Presentations**

***No presentations below were sponsored by outside entities***

Regional

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| --- | --- |
| 2013 | Induced abortion in the United States / Invited talk  Department of Sociology, Tufts University |
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| 2015 | Antepartum fibrinogen level as a predictor of bleeding complications / Invited talk as a result of a selected abstract  New England Perinatal Society |
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National

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| 2014 | Paternal urinary levels of phenols in relation to reproductive outcomes among couples / Invited talk as a result of a selected abstract  Society for Epidemiologic Research, Seattle, WA |
| 2014 | Medications as a source of paraben exposure in men and women of reproductive age / Invited talk as a result of a selected abstract  Society for Epidemiologic Research, Seattle, WA |
| 2016 | Perceptions of teamwork following TeamSTEPPS implementation at ambulatory reproductive healthcare facilities / Invited talk as a result of a selected abstract  TeamSTEPPS National Conference, Washington, DC |
| 2017 | Behind closed doors: teaching learners to address intimate partner violence / Workshop presentation as a result of a selected abstract  Council on Resident Education in Obstetrics and Gynecology/Association of Professors of Obstetrics and Gynecology, Orlando, FL |
| 2018 | Measurement matters: using measurement to optimize TeamSTEPPS success in the ambulatory setting / Panel presentation as a result of a selected abstract  TeamSTEPPS National Conference, San Diego, CA |

International

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| --- | --- |
| 2017 | The impact of male partner age on cumulative incidence of live birth following in vitro fertilization/Invited talk as a result of a selected abstract  European Society of Human Reproduction and Embryology, Geneva, Switzerland |
| 2018 | Long-term effects of teamwork training on staff behaviors at ambulatory reproductive health centers/Invited talk as a result of a selected abstract  FIGO World Congress on Gynecology and Obstetrics, Rio de Janeiro, Brazil |

**Report of Education of Patients and Service to the Community**

***No presentations below were sponsored by outside entities***

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| May include a brief, one-sentence description of each role, id needed (optional) |

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| Year(s) | Organization or institution/ Role (Sponsor, if any) |
|  | One sentence description (optional) |

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| 2014-2017 | Volunteer tutor, BIDMC  Tutored BIDMC employees enrolled in community college courses |
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**Report of Scholarship**

Peer-Reviewed Scholarship in print or other media:

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| Group peer reviewed publication in three categories under the following headings:   * Research investigations * Other peer-reviewed publications (e.g., case reports, proceedings of meetings which are full-length manuscripts) * Research publications without named authorship |

**Research Investigations**

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| --- |
| 1. Ricciotti HA, Girouard S, Pokorney G, **Dodge LE**, Hacker MR. Lessons learned from a Boston community health center promoting the human papilloma virus vaccine in a minority adult population. Journal of Primary Care and Community Health, 2010;1(1):50-54. 2. Cadish LA, Hacker MR, **Dodge LE**, Dramitinos P, Hota LS, Elkadry EA. Association of body mass index with hip and thigh pain following transobturator midurethral sling. American Journal of Obstetrics and Gynecology, 2010;203(5):508.e1-5. 3. Ricciotti HA, Hacker MR, De Flesco LD, **Dodge LE**, Huang GC. A randomized controlled trial of a normal pregnancy virtual patient to teach medical students counseling skills. Journal of Reproductive Medicine, 2010;55(11-12):498-502. 4. Hur HC, Arden D, **Dodge LE**, Zheng B, Ricciotti HA. Fundamentals of laparoscopic surgery: a surgical skills assessment tool in gynecology. Journal of the Society of Laparoendoscopic Surgeons, 2011;15(1):21-26. 5. Young BC, **Dodge LE,** Gupta M, Rhee JS, Hacker MR. Evaluation of a rapid, real-time intrapartum group B Streptococcus assay. American Journal of Obstetrics and Gynecology, 2011;205:372.e1-6. PMCID: PMC3217120. 6. Adams SR, Dramitinos P, Shapiro A, **Dodge L**, Elkadry E. Do patient goals vary with stage of prolapse? American Journal of Obstetrics and Gynecology, 2011;205(5):501.e1-e6. 7. Vadnais MA, Rana S, Quant HS, Salahuddin S, **Dodge LE**, Lim K, Karumanchi SA, Hacker MR. The impact of magnesium sulfate therapy on angiogenic factors in preeclampsia. Pregnancy Hypertension, 2012;2(1):16-21. PMCID: PMC32541114 8. Mody SK, Hacker MR, **Dodge LE**, Thornton K, Schneider B, Haider S. Contraceptive counseling for women who undergo bariatric surgery. Journal of Women’s Health, 2011;20(12):1785-1788. 9. Ogbechie OA, Hacker MR, **Dodge LE**, Patil MM, Ricciotti HA. Confusion regarding cervical cancer screening and chlamydia screening among sexually active young women. Sexually Transmitted Infections, 2012:88(1):35-37. PMCID: PMC3724364 10. Young BC, Hacker MR, **Dodge LE**, Golen TH. Timing of antibiotic administration and infectious morbidity following cesarean delivery: incorporating policy change into workflow. Archives of Gynecology and Obstetrics, 2012;285:1219-1224. 11. Ricciotti HA, **Dodge LE**, Head J, Atkins KM, Hacker MR. A novel resident-as-teacher training program to improve and evaluate obstetrics and gynecology resident teaching skills. Medical Teacher, 2012;34:e52-e57. 12. **Dodge LE**, Haider S, Hacker MR. Using a simulated patient to assess referral for abortion services in the United States. Journal of Family Planning and Reproductive Health Care, 2012;38(4):246-251. 13. Vadnais MA, **Dodge LE**, Awtrey CS, Ricciotti HA, Golen TH, Hacker MR. Assessment of long-term knowledge retention following single-day simulation training for uncommon but critical obstetrical events. Journal of Maternal-Fetal and Neonatal Medicine,2012;25(9):1640-1645. PMCID: PMC3712511. 14. Lannon BM, Choi B, Hacker MR, **Dodge LE**, Malizia BA, Barrett CB, Wong WH, Yao MWM, Penzias AS. Predicting personalized multiple birth risks after in vitro fertilization—double embryo transfer. Fertility and Sterility, 2012;98:69-76. 15. **Dodge LE**, Haider S, Hacker MR. Knowledge of state-level abortion laws and policies among front-line staff at facilities providing abortion services. Women’s Health Issues, 2012;22(5):e415-420. 16. Malizia BA, **Dodge LE**, Penzias AS, Hacker MR. The cumulative probability of liveborn multiples after in vitro fertilization: a cohort study of over 10,000 women. Fertility and Sterility, 2013;99(2):393-399. 17. Haider S, **Dodge LE**, Brown B, Hacker MR, Raine TA. Evaluation of email contact to conduct follow-up among adolescent women participating in a longitudinal cohort study of contraceptive use. Contraception, 2013;88:18-23. 18. **Dodge LE**, Haider S, Hacker MR. Knowledge of state-level abortion laws and regulations among reproductive health care providers. Women’s Health Issues, 2013;23(5):e281-286. 19. Smith LP, Oskowitz SP, **Dodge LE**, Hacker MR. Risk of ectopic pregnancy following day-5 embryo transfer compared to day-3 transfer. Reproductive BioMedicine Online, 2013;27:407-413. 20. Ricciotti HA, **Dodge LE**, Ramirez CI, Barnes K, Hacker MR. Long-acting reversible contraceptive use in urban women from a Title-X supported Boston community health center. Journal of Primary Care and Community Health, 2015;6(2):111-115. 21. Pabby V, Shah Oza S, **Dodge LE**, Hacker MR, Moragianni V, Correia K, Missmer S, Fox JH, Ibrahim Y, Penzias A, Burakoff R, Cheifetz AS, Friedman S. In vitro fertilization is successful in women with ulcerative colitis and ileal pouch anal anastomosis. American Journal of Gastroenterology, 2015;110(6):792-7. 22. Hofler L, Hacker MR, **Dodge LE**, Ricciotti HA. Subspecialty and gender of obstetrics and gynecology faculty in department-based leadership roles. Obstetrics and Gynecology, 2015;125(2):471-476. PMCID:PMC4304882 23. **Dodge LE,** Kelley KE, Williams PL, Williams MA, Hernandez-Diaz S, Missmer SA, Hauser R. Medications as a source of paraben exposure in women and men of reproductive age. Reproductive Toxicology, 2015;52:93-100. PMCID: 4426043 24. **Dodge LE**, Williams PL, Williams MA, Missmer SA, Toth TL, Calafat AM, Hauser R. Paternal urinary concentrations of parabens and other phenols in relation to reproductive outcomes among couples from a fertility clinic. Environmental Health Perspectives, 2015;123(7):665-71. 25. Oza SS, Pabby V, **Dodge LE**, Moragianni V, Hacker MR, Fox JH, Correia K, Missmer S, Ibrahim Y, Penzias AS, Burakoff R, Friedman S, Cheifetz AS. In vitro fertilization in women with inflammatory bowel disease is as successful as in women from the general infertility population. Clinical Gastroenterology and Hepatology, 2015, 2015;13(9):1641-6. 26. Johnson KM, **Dodge LE**, Hacker MR, Ricciotti HA. Perspectives on family planning services among adolescents at a Boston community health center. Journal of Pediatric and Adolescent Gynecology, 2015;28(2):84-90. 27. Dessie SG, Hacker MR, **Dodge LE**, Elkadry EA. Do obstetrical providers counsel pregnant women about postpartum pelvic floor dysfunction? Journal of Reproductive Medicine, 2015;60(5-6):205-10. 28. Adams S, Dessie S, **Dodge LE**, McKinney JL, Hacker MR, Elkadry EA. Pelvic floor physical therapy as primary treatment of pelvic floor disorders with urinary urgency and frequency-predominant symptoms. Female Pelvic Medicine and Reconstructive Surgery, 2015;21(5):252-6. 29. Humm K†, **Dodge LE**†, Wu LH, Penzias AS, Malizia BA, Sakkas D, Hacker MR. 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Oza SS, Pabby V, **Dodge LE**, Hacker MR, Fox JH, Moragianni VA, Correia K, Missmer SA, Ibrahim Y, Penzias AS, Burakoff R, Friedman S†, Cheifetz AS†. Factors associated with the success of in vitro fertilization in women with inflammatory bowel disease. Digestive Diseases and Sciences, 2016;61(8):2381-8. 34. **Dodge LE**, Hacker MR, Averbach SH, Voit SF, Paul ME. Qualitative assessment of a high-fidelity mobile simulator for intrauterine contraception training in ambulatory reproductive health centers. Journal of European CME, 2016,5:30416. 35. **Dodge LE**, Haider S, Hacker MR. Attitudes towards abortion among reproductive health care providers in the United States. Women’s Health Issues, 2016;26(5):511-6. 36. Humm KC, Ibrahim Y, **Dodge LE**, Hacker MR, Thornton, KL, Penzias AS, Sakkas D. Does elevated serum progesterone on the day of human chorionic gonadotropin administration decrease live birth rates? 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| **Non-peer reviewed scholarship in print or other media**   1. Nippita S, **Dodge LE**. Toward a deeper understanding of nausea, vomiting, and pregnancy loss. JAMA Internal Medicine, 2016;176(11):1628-9. 2. **Dodge LE**. Just Google It. Public Health Post, December 5, 2019. Available at: <https://www.publichealthpost.org/research/just-google-it/> |

Thesis

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| Dodge LE. Parental exposure to environmental chemicals and reproductive outcomes at a fertility clinic [dissertation]. Boston (MA): HSPH; 2014. |

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| [Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings](http://cv.hms.harvard.edu/index.php?page=abstracts)   |  | | --- | | List abstracts published and exhibits presented at meetings during the last 3 years which have not already been published as full length manuscripts. May also list all abstracts or exhibits, regardless of date or publication as full-length manuscript, which received special recognition at a meeting (e.g., juried poster presentation, meeting commendation). | | 1. **Dodge LE**, Sisti JS, Malizia BA, Penzias AS, Hacker MR. Predictors of poor fertilization following in vitro fertilization (IVF) with or without intracytoplasmic sperm injection (ICSI) among normal responders. 2015. Presented at the annual meeting of the Society for Epidemiologic Research, Denver, CO. 2. **Dodge LE**, Sisti JS, Malizia BA, Penzias AS, Hacker MR. Predictors of poor fertilization following in vitro fertilization (IVF) with or without intracytoplasmic sperm injection (ICSI) among normal responders. 2015. Presented at the annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Denver, CO. 3. **Dodge LE**, Mostofsky E, Liu AL, Hacker MR. Caffeine consumption during pregnancy and miscarriage: a meta-analysis. 2015. Presented at the annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Denver, CO. 4. Verma N, **Dodge L**, Royce C. Behind closed doors: teaching learners to address intimate partner violence. 2017. Presented at Harvard Medical School Medical Education Day, Boston, MA. 5. Verma N, Paul ME, Hacker MR, Nippita S, **Dodge LE**. Exploring the impact of federal regulations on abortion research. 2017. Presented at the annual meeting of the Society of Family Planning, Atlanta, GA. 6. Verma V, **Dodge LE**, Royce C. Leaving safe harbors: Teaching learners to address intimate partner violence. 2018. Presented at the annual meeting of CREOG/APGO, National Harbor, MD. 7. **Dodge LE**, Seidler EA, Hacker MR, Penzias AS, Sakkas D. 2018. Male partner age impacts donor oocyte outcomes. Presented at the annual meeting of the American Society for Reproductive Medicine, Denver, CO. 8. Domar AD, Rooney K, **Dodge LE**. Determining the reasons why insured women drop out of IVF treatment after one unsuccessful cycle. 2019. Presented at the annual meeting of the American Society for Reproduction Medicine, Philadelphia, PA. 9. Modest AM, Collier AY, Seidler EA, **Dodge LE**. Male partner age and the risk of ischemic placental disease in autologous IVF pregnancies. Presented at the annual meeting of the American Society for Reproduction Medicine, Philadelphia, PA. 10. Sakkas D, Domar AD, **Dodge LE**. Does utilization of preimplantation genetic testing for aneuploidy (PGT-A) alter dropout rates? Presented at the annual meeting of the American Society for Reproduction Medicine, Philadelphia, PA. 11. Patel R, Einstein D, Halleck J, **Dodge L**, Buss M. Patient perceptions of treatment benefit in advanced cancer. 2019. Presented at the annual meeting of the American Society of Clinical Oncology and Supportive Care, San Francisco, CA. 12. Xiong L, **Dodge LE**, Smith CR, Carmody MD, Hofler LG. Should we keep calling? Follow-up after medication abortion. 2020. To be presented at the annual meeting of the National Abortion Federation. 13. Carmody MD, **Dodge LE**, Smith CR, Xiong L, Hofler LG. Utility of follow-up phone calls after procedural abortions to detect complications. 2020. To be presented at the annual meeting of the National Abortion Federation. | | | |

Narrative Report

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| The narrative should describe your major contributions and achievements and should be clear to those outside your field. Readers should understand your career trajectory and impact. Your need not reiterate your history of training, but the chronology of your accomplishments should be clear. You should make clear the extent of your reputation and the key achievements for which you are known. If your accomplishments bridge difference arenas (e.g., research and clinical care), you may wish to clarify any connections that are not readily apparent.  The narrative should be written in the first person and should be concise. In general, length should be commensurate with rank. Most narratives for Assistant Professor candidates should ≤ page; no narrative should exceed two pages.  Please include:   * Your contributions in your Area of Excellence (Investigation, Teaching and Educational Leadership, or Clinical Expertise and Innovation). You may want to include a description of work in progress that may otherwise not be reflected in your CV. * Your contributions in teaching (if not already described under your Area of Excellence). * Your contributions in any Significant Supporting Activities (Investigation, Clinical Expertise, Special Merit in Education, Administration & Institutional Service, Education of Patients and Service to the Community). |

As a reproductive epidemiologist in the Department of Ob-Gyn at BIDMC, I provide expertise in designing, conducting, and analyzing research studies in clinical science, medical education, and quality improvement. I conduct both independent and collaborative research, both within the department and with other departments within and outside of BIDMC. Within the Department I support medical students, residents, fellows, and faculty in conducting research by teaching research methods, epidemiology, and biostatistics. My area of excellence is investigation.

I have made significant contributions as a co-investigator to a variety of research projects, and in my first five years as a faculty member, I have initiated several projects for which I am the principal investigator. While my projects have covered a wide range of substantive areas, they have focused primarily on infertility and family planning.

My research projects related to infertility have primarily addressed outcomes of *in vitro* fertilization. I have examined the effects of exposure to environmental chemicals that act as endocrine disruptors and the effects of the number of days an embryo has been allowed to grow in vitro before transfer on the risk of ectopic pregnancy. Another study has sought to quantify the cumulative probability of woman delivering multiple babies following *in vitro* fertilization, which is important for clinicians providing patient counseling. Specifically, my work in this area seeks to use sophisticated analytic methods to take full advantage of large longitudinal clinical datasets while properly accounting for the methodological challenges unique to research on *in vitro* fertilization.

I am currently leading a project to assess the appropriateness of the statistical methods most frequently used in the current literature to increase awareness among researchers of the optimal methods and assist them in incorporating these methods into their research. In addition, I presented my preliminary work on the effect of male partner age on the cumulative incidence of live birth following *in vitro* fertilization at the 2017 annual meeting of the European Society of Human Reproduction and Embryology in Geneva, which was covered by the BBC and the Guardian, among other news outlets. Finally, I have received a grant from the Harvard University William F. Milton Fund to investigate the influence of race and ethnicity on the treatment success of *in vitro* fertilization.

My interest in family planning and reproductive rights led me to design a study assessing knowledge of state abortion laws and regulations among clinicians and front-line staff members at reproductive health care facilities. This study also assessed a simulated patient’s ability to access a referral for abortion services from facilities that do not provide abortion services. This study was funded by the William F. Milton Fund at Harvard University. In addition, I am the principal investigator of a study examining the quality of information available online for abortion self-referral, which was recently awarded a grant from the Society of Family Planning, and I serve as a consultant to Ibis Reproductive Health to assist with the research components of their Later Abortion Initiative. I have also contributed to studies examining contraceptive counseling among women undergoing bariatric surgery and a qualitative study of adolescents’ perspectives on family planning services at an affiliated community health center. I am currently supervising an OBGYN resident in a project examining the effect of federal regulations on abortion research; this project was awarded a trainee grant from the Society of Family Planning.

I have contributed to interdepartmental collaborations with collaborators in neonatology, transfusion medicine, and gastroenterology. I have also collaborated on projects with BIDMC’s affiliated community health centers and with other hospitals. I am an author on 51 published peer-reviewed manuscripts, of which I am first author on 16 and last author on one.

In the area of teaching, I provide guidance, mentoring, and assistance in the design, conduct and analysis, and manuscript and presentation preparation for all members of my department, but particularly for medical students, residents, and fellows. One of my resident mentees successfully applied for a trainee grant from the Society of Family Planning in 2016. At HSPH, I serve on the admissions committee and as the primary academic advisor to an SM2 student. I also serve as a consultant biostatistician to the Harvard Catalyst Biostatistical Consultation Service.

I look forward to contributing further to the department by obtaining additional research grants and developing new areas of inquiry, by teaching and providing mentorships to trainees, and by increasing my collaborations within BIDMC and throughout the larger HMS community.