Julie K. Phillips, MD, FACOG

## CURRICULUM VITAE

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| Position: |  | Assistant Professor |
|  |  | Department of Obstetrics, Gynecology, and Reproductive SciencesDivision of Maternal Fetal Medicine |
|  |  |  |
| Address: |  | Smith 411  |
|  |  | Department of Obstetrics, Gynecology, and Reproductive Sciences |
|  |  | The Robert Larner, M.D. College of Medicine |
|  |  | University of Vermont |
|  |  | Burlington, VT 05405 |
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**EDUCATION**

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| **Year** | **Instituition** | **Degree** | **Area of Degree** |
| 1996-2000 | Dartmouth College | B.A. | Biochemistry & Molecular Biology |
| 2000-2004 | The Robert Larner, MD College of Medicine (formerly Fletcher Allen Health Care) | M.D. |  |
| 2004-2008 | Johns Hopkins Hospital | Resident | Obstetrics and Gynecology |
| 2008-2011 | The Robert Larner, MD College of Medicine (formerly Fletcher Allen Health Care) | Fellow | Maternal Fetal Medicine |

**LICENSES, CERTIFICATION**

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| **Years** | **License/Certification** |
| 2008-present | Medical Licensure, Vermont |
| 2011-present | Medical Licensure, New York |
| 2012 | Diplomate of the American Board of Obstetrics and Gynecology |
| 20132014 | Fellow of the American College of Obstetrics and GynecologyDiplomate of the American Board of Obstetrics and Gynecology, Maternal Fetal Medicine |

**FACULTY POSITIONS HELD**

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| **Years** | **Institution** | **Academic Title** | **Department** |
| 2008-2011 | University of Vermont Medical Center | Clinical Instructor | OB/GYN |
| 2011-present | University of Vermont Medical Center | Assistant Professor | OB/GYN |
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**OTHER POSITIONS AND MAJOR ADMINISTRATIVE POSITIONS HELD**

**Years Location/program name Role**

Oct 2017-present Department of OB/GYN Associate fellowship director University of Vermont Medical Center Maternal Fetal Medicine

**PROFESSIONAL DEVELOPMENT**

CME COURSES ATTENDED

2012 Fetal Echocardiography Las Vegas NV

2014 Advanced Sonography Symposium Boston MA

2015 Medical Complications of Pregnancy,

 Society for Maternal Fetal Medicine San Diego, CA

2016 Advanced Ultrasound Seminar: OB/GYN Orlando, FL

OTHER COURSES ATTENDED

2013 Grant writing workshop, University of Vermont College of Medicine

2015 Writing workshop offered by the University of Vermont Neuroscience, Behavior and Health Initiative

2015-2016 UVMMG Faculty Development Course: Introduction to clinical research using existing data

2017 University of Vermont Teaching Academy, Educator Development Program

**HONORS AND AWARDS**

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| **Year** | **Name of Award** |
| 2002 | Durwood J. Smith, M.D. Memorial Award for Excellence in Pharmacology |
| 2004 | Alpha Omega Alpha Medical Honor Society |
| 2007 | PGY-3 Chief Survivor Award, Department of Gynecologic Specialties, Johns Hopkins Hospital |
| 2007 | Johns Hopkins Medical Student Excellence in Teaching Award |
| 2008 | Greater Baltimore Medical Center Outstanding Resident Award |
| 2008 | Johns Hopkins Bayview Medical Center Chief Resident Award |
| 2008 | Chao-Huang Hung, M.D. Memorial Award for Humanism in Medicine |
| 2012 | CREOG faculty award for Excellence in Resident Education, University of Vermont |
| 2012 | The Robert Larner M.D. College of Medicine teacher and student advocate award, rotation 5 |
| 2014 | The Robert Larner M.D. College of Medicine teacher and student advocate award, rotations 2 & 5 |
| 2017 | Inducted into the Teaching Academy at the Robert Larner, M.D. College of Medicine, member |

**KEYWORDS/AREAS OF INTEREST**

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| Pregnancy complications, prenatal diagnosis, obesity in pregnancy, gestational weight gain, behavior and health |

**SUMMARY OF PROFESSIONAL ACTIVITIES- OVERALL**

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| I was hired in August 2011 as an assistant professor in the division of Maternal Fetal Medicine, Department of Obstetrics, Gynecology, and Reproductive Sciences. I work 0.9 FTE which is divided as follows: I will assume the role of associate fellowship program director for Maternal Fetal Medicine in October 2017.In 2013 I was selected as one of five project directors for a mentored research opportunity funded through an NIH Centers of Biomedical Research Excellence grant through the Vermont Center on Behavior and Health. Since that time I have been leading a randomized controlled trial of a behavioral weight management intervention targeting gestational weight gain in overweight and obese pregnant women. This has resulted in multiple local and national presentations as well as the submission of an NIH R01 grant application. My research interests are in the complications associated with obesity in pregnancy, gestational weight gain, the developmental origins of childhood obesity, and the impact of behavior on health outcomes. I am also Co-investigator on an NIH R01 grant evaluating financial incentives for smoking cessation among pregnant women. I have 12 peer reviewed publications; 9 within the last 5 years and 7 as first author. 2 additional first author peer-reviewed papers have been submitted. In the last 5 years, I have given 16 invited presentations, 8 of which were regional/national including the Society for Maternal Fetal Medicine scientific forum and as a Grand Rounds speaker in Hartford Connecticut. My clinical practice encompasses all aspects of Maternal Fetal Medicine. I see high risk patients in the obstetrics clinic, manage labor and delivery including the high risk antepartum service, and staff the Fetal Diagnostic Center. As one of 7 Maternal Fetal Medicine Physicians practicing in Vermont I see patients with high risk pregnancies in consultation from across the State as well as Northern New York. I am responsible for medical student, resident, and fellow education in each of these settings and have received teaching awards from the medical students as well as the resident CREOG award. I am recognized as a core faculty member for teaching responsibility within the department. I was inducted into the Teaching Academy at the Larner College of Medicine in January 2017. I serve the Department of Obstetrics and Gynecology as well as the UVM community on important committees including the OB/GYN program evaluation committee, Faculty standards committee, and the Clinical Research Center scientific advisory committee. I serve nationally on the Fellowship Affairs committee of the Society for Maternal Fetal Medicine. I am an ad hoc reviewer for 6 journals.Finally, I strive to further my professional development and have attended multiple CME courses nationally. In addition, I was selected to participate in the UVMMG Faculty development course: introduction to clinical research using existing data and the Educator Development Program within the Teaching Academy at the Larner College of Medicine. |

**SUMMARY OF ACCOMPLISHMENTS**

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| Selected to be 1 of 5 project directors funded by the newly (at the time) formed Vermont Center on Behavior and Health by the NIH COBRE mechanism12 peer reviewed publications, 9 of which were published in the last 5 years, and 7 as first authorNational presentation at the Society for Maternal Fetal Medicine annual meeting and as an invited Grand Rounds speaker; numerous regional and local presentationsInduction into the Teaching AcademyRecognized by the OB/GYN residents as an educator with the receipt of the CREOG (national Council on Resident Education in OB/GYN) awardNational service to the Society of Maternal Fetal Medicine on the Fellowship Affairs committee as well as multiple service contibutions to the department of OB/GYN, UVMMC, and UVM |

**PROFESSIONAL SERVICE**

DEPARTMENTAL SERVICE

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| --- | --- | --- | --- |
| **Years** | **Department** | **Committee** | **Role** |
| 2011-present | OB/GYN | Residency interviews | Interviewer, 1-2 days/year |
| 2011-present | OB/GYN | Fellowship interviews | Interviewer, 3-4 days/year |
| 2011-present | OB/GYN | Telemedicine OB transport and statistics conference | Facilitator |
| 2011-present | OB/GYN | Program evaluation committee | Member |
| 2012 | OB/GYN | Urogynecology search committee | Member |
| 2014 | OB/GYN | Maternal Fetal Medicine search committee | Member |
| 2014-present | OB/GYN | Core faculty for teaching responsibility |  |
| 2014-present | OB/GYN | Resident rotation director, outpatient high risk OB |  |
| 2016-present | Pediatrics | Scholarly oversight committee for Neonatology fellow, Dr. Jacqueline Grev | Member |
| 2016 | OB/GYN | Grant review for internal research funding | Member |
| 2017-present | OB/GYN | Vascular biology of pregnancy research group | Member |

COLLEGE SERVICES

MEDICAL CENTER SERVICE

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| **Years** | **Service Committee** | **Role** |
| 2014-2015 | Clinical Integration Committee, Hiring and Retention workgroup, University of Vermont Health Network | Member |
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UNIVERSITY SERVICE

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| --- | --- | --- |
| **Years** | **Service Committee** | **Role** |
| 2014-2017 | Faculty Standards Committee | Member |
| 2015-present | Clinical Research Center Scientific Advisory Committee | Member |

STATE

**Years Service Committee Role**

2011-2013 Vermont Department of Health/ Obstetrics AAP-VT/VTAFP committee representative

GOVERNMENT

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SOCIETY MEMBERSHIPS

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| --- | --- |
| **Years** | **Society** |
| 2000-2004 | American Medical Association, student member |
| 2004-2008 | Johns Hopkins Medical and Surgical Association |
| 2004-present | American College of Obstetricians and Gynecologists |
| 2007-2011 | Society for Gynecologic Investigation |
| 2009-present | Society for Maternal Fetal Medicine |
| 2010-present | Institue of Ultrasound in Medicine |
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SERVICE to Professional Organizations

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| --- | --- | --- |
| **Years** | **Service Committee** | **Role** |
| 2016-present | Fellowship Affairs Committee, Society for Maternal Fetal Medicine | Member |

SERVICE TO PROFESSIONAL PUBLICATIONS

*Ad hoc reviewer:*

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| --- | --- |
| **Years** | **Journal/Publication/Board** |
| 2014-present | American Journal of Obstetrics and Gynecology |
| 2014-present | Obstetrics and Gynecology |
| 2014-present | Preventive Medicine |
| 2016-present | PLOS One |
| 2017-present | Nicotine and Tobacco Research |
| 2017-present | American Journal of Perinatalogy |

PUBLIC SERVICE

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Summary of Service Activities

My clinical service encompasses all aspects of Maternal Fetal Medicine. I see high risk patients in the obstetrics clinic, attend and manage labor and delivery including the high risk antepartum service, and staff the Fetal Diagnostic Center, an AIUM accredited ultrasound unit. As one of 7 Maternal Fetal Medicine Physicians practicing in Vermont I see patients with high risk pregnancies in consultation from across the State as well as Northern New York.

In addition to these responsibilities, I serve my department, the UVM medical center, and the University on important committees including the OB/GYN program evaluation committee, the Faculty standards committee, and the Clinical Research Center scientific advisory committee. I am actively involved in recruitment for our OB/GYN residency and Maternal Fetal Medicine fellowship programs. Assuming the role of Associate Program director for our fellowship program in October 2017, I will be responsible for assisting the Program Director with overseeing the fellowship. I serve nationally on the Fellowship Affairs committee of the Society for Maternal Fetal Medicine. I am an ad hoc reviewer for 6 journals.

**TEACHING**

Formal scheduled Classes *:*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | **Course Title** | **Course** **R E** | **Hours**  | **Number of Learners**  | **Learner Level** |
| 2017 | Understanding Human Pregnancy |  | x | 1.5 | 24 | UG |

CURRICULUM DEVELOPMENT

* I developed reading lists and rotation specific objectives for the OB/GYN residents on their Maternal-Fetal Medicine rotations. I meet with these residents for one-on-one teaching one hour each week to review and discuss the assigned readings and objectives.
* OBGY200, Understanding Human Pregnancy, will be offered to undergraduate students for the first time in October 2017. I will be preparing course content for one of the scheduled sessions, “Obesity in pregnancy and gestational diabetes”.

POSTGRADUATE AND OTHER COURSES

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| **Years** | **Department** | **Responsibility** |
| 2011-2014 | OB/GYN Clerkship lectures | I provided a lecture and case-based instruction to 3rd year medical students, 6 hours/ year |
| 2012-present | OB/GYN Resident Didactics | Each year I give 2-3 lectures/case-based learning activities to the OB/GYN residents on various topics |
| 2011-present | Maternal Fetal Medicine Fellows | Each year I give 2-4 lectures/case-based learning activities to fellows in Maternal Fetal Medicine on various topics |
| 2015 | OB/GYN and family medicine intern bootcamp | 1 hour didactic session with new interns on interpreting fetal heart rate tracings |
| 2016, 2017 | OB/GYN  | 3 hours each year providing instruction and active learning about OB ultrasound to 4th year medical students matched into OB/GYN residency |
| 2015, 2017 | Pediatrics | 1 hour each year didactic session with Neonatalogy fellows on various topics |

PREDOCTORAL STUDENTS SUPERVISED OR MENTORED

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| --- | --- | --- | --- | --- |
| **Dates** | **Name** | **Program School** | **Role** | **Current Position** |
| 2009-present |  | University of Vermont College of Medicine | Rotation advisor – advised 2-4 students/year as they rotate through the OB/GYN clerkship |  |
| 2015 | Amanda Vance | University of Vermont College of Medicine | Mentor for OB/GYN reading month elective | OB/GYN PGY-2 at University of Connecticut |
| 2017-present | Jennifer Tufts | University of Vermont College of Medicine | Research advisor | 4th year medical student at UVMMC |

DISSERTATION/THESIS COMMITTEE MEMBERSHIP

2016-present Scholarly oversight committee for Neonatalogy fellow, Dr. Jacqueline Grev

POSTDOCTORAL FELLOWS AND RESIDENTS DIRECTLY SUPERVISED OR MENTORED

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| --- | --- | --- | --- | --- |
| **Dates** | **Name** | **Fellow** | **Faculty Role** | **Current Position** |
| 2011-2013 | Brooke Schlappe |  | Resident advisor | Gyn Oncology Fellow, Memorial Sloan Kettering, NY |
| 2012-2013 | Michelle Yang |  | Resident advisor | Pediatrics resident |
| 2012-2015 | Laura Merrill |  | Resident research advisor | Private practice, OB/GYN, Maryland |
| 2014-present | Sarah Moses |  | Resident advisor |  |

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| INFORMALTEACHING |  |

FACULTY MENTORED

OTHER VISITING FACULTY SUPERVISED

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TEACHING AIDS

TEACHING AWARDS AND NOMINATIONS

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| **Year** | **Award** |
| 2012 | CREOG faculty award for Excellence in Resident Education, University of Vermont |
| 2012, 2014 | University of Vermont College of Medicine Teacher and Student Advocate award: selected by clerkship students over 3 rotations  |
| 2017 | Inducted into the Teaching Academy at the University of Vermont Larner College of Medicine |

*Teaching portfolio available on request*

SUMMARY OF TEACHING ACTIVITIES

My teaching responsibilities span multiple levels of learners. I have been invited to be one of many faculty participating in a new undergraduate course at the University of Vermont, OBGY200, Understanding Human Pregnancy. This will be offered for the first time in the fall 2017 semester. I am responsible for medical student, resident, and fellow education in the Obstetrics clinic, Fetal Diagnostic Center, and on Labor and Delivery. I teach through clinical interactions as well as formalized learning sessions, as noted above. I have received teaching awards from the medical students as well as the resident CREOG award. I am recognized as a core faculty member for teaching responsibility within the department. I was inducted into the Teaching Academy at the Larner College of Medicine in January 2017. I applied and was selected to complete the Educator Development Program through the Teaching Academy to understand best practices in teaching today’s learners.

**RESEARCH AND SCHOLARLY ACTIVITIES**

RESEARCH AWARDS AND GRANTS

**Ongoing Research Support**

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| --- | --- | --- |
| 1P20GM103644 | Higgins (PI) | 09/15/13-07/31/18 |
| Vermont Center on Behavior and Health: Incentives targeting gestational weight gain in overweight and obese women |
| The goal of this study is to compare an intervention of behavioral weight management and financial incentives to standard obstetrical care on total gestational weight gain and perinatal outcomes.  |
| Role: | Project director (.5 FTE) |  |
| Direct Costs Year 1: | $204,110 |  |
| Total Period: | $1,029,888 |  |
|  |  |  |

R01HD75669 Higgins (PI) 09/10/13-08/31/18

University of Vermont Tobacco Center on Regulatory Science: Financial incentives for smoking cessation among disadvantaged pregnant women

The goal of this study is to compare best practices to financial incentives contingent on smoking cessation on smoking cessation rates during pregnancy.

Role: Co-I (.05 FTE)

**Completed Research Support**

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| #03420-5930S | Phillips (PI) | 08/01/11-06/30/14 |
| Vermont Child Health Improvement Program: Obesity in Pregnancy |
| The goal of this project was to evaluate the prevalence of obesity in pregnancy in Vermont as well as its complications, and to provide education on the management of obese gravidas to community Obstetrics providers. |
| Role: | PI |  |

**Grants Submitted**

IDeA States Pediatric Clinical Trials Network (ISPCTN) Awaiting Review

Optimization of gestational weight gain to reduce maternal and child obesity

Phillips (PI)

**Selected Unfunded Grant Submissions**

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| --- | --- | --- |
| R01 HD093822 | Phillips (PI) | Submitted: 02/17 Not Reviewed |
| Optimization of gestational weight gain to reduce maternal and child obesity |
| The goal of this application was to compare a behavioral weight management and incentives intervention to usual care to improve adherence to gestational weight gain guidelines and decrease the risk of maternal postpartum weight retention and infant obesity.  |
| Role: | PI |  |

SCHOLARSHIP

**Peer Reviewed Publications**

Original Research

1. Abbud W, Habinowski S, Zhang JZ, **Kendrew J**, Elkairi FS, Kemp BE, Witters LA, Ismail-Beiji F. Stimulation of AMP-activated protein kinase (AMPK) is associated with enhancement of glut1-mediated glucose transport, Arch Biochem Biophys. 380(2):347-52, 2000. PMID: 10933890 (Impact factor 3.165)
2. **Phillips JK**, Bernstein I, Mongeon JA, Badger GJ. Seasonal variation in preeclampsia based on timing of conception. Obstet Gynecol. 104(5):1015-20, 2004. PMID: 15516394 (Impact factor 5.426)
3. **Phillips JK**, Janowiak M, Badger GJ, Bernstein IM. Evidence for distinct preterm and term phenotypes of preeclampsia. J Mat Fetal Neonat Med. 23:622-26, 2009. PMCID: PMC2885458 (Impact factor 1.826)
4. **Phillips JK**, Vance AM, Raj RS, Mandala M, Linder EA, Gokina NI. Impact of experimental diabetes on the maternal uterine vascular remodeling during rat pregnancy. Repro Sci. 19:322, 2012. PMCID: PMC3343150 (Impact factor 2.443)
5. Gokina NI, Bonev AD, **Phillips J**, Gokin AP, Veilleux K, Oppenheimer K, Goloman G. Impairment of IKCa channels contributes to uteroplacental endothelial dysfunction in rat diabetic pregnancy. Am J Physiol Heart Circ Physiol. 309(4):H592-604, 2015. PMCID: PMC4537947 (Impact factor 3.348)
6. Ji Y, Schwartz J, Hartford A, Ramsey J, **Phillips J**, Verschraegen C. Successful treatment of non-small cell lung cancer with erlotinib throughout pregnancy. JAMA Oncol. 1(6):838-40, 2015. PMID: 26181671 (Impact factor 16.56)
7. Vurbic D, Harder VS, Redner RR, Lopez AA, **Phillips JK**, Higgins ST. Co-occurring obesity and smoking among US women of reproductive age: associations with educational attainment and health biomarkers and outcomes. Prev Med. 80:60-6, 2015. PMCID: PMC4592382 (Impact factor 3.434)
8. Meyer M, **Phillips J**. Caring for pregnant opioid abusers in Vermont: a potential model for non-urban areas. Prev Med. 80:18-22, 2015. PMCID: PMC4592470 (Impact factor 3.434)
9. **Phillips J**, McBride C, Hale S, Solomon R, Badger G, Bernstein I. Examination of prepregnancy and pregnancy urinary protein levels in healthy nulliparous women. Repro Sci, Mar 24(3):407-12, 2017. PMID: 27460407 (Impact factor 2.443)
10. **Phillips JK**, Skelly JM, King SE, Bernstein IM, Higgins ST. Associations of maternal obesity and smoking status with perinatal outcomes. J Matern Fet Neonat Med. May 14:1-7, 2017. Doi:10.1080/14767058.2017.1322950. PMID: 28438062 (Impact factor 1.826)
11. **Phillips JK**, Higgins ST. Applying behavior change techniques to weight management during pregnancy: impact on perinatal outcomes. Preventive Medicine. 2017. **Accepted for publication.**
12. **Phillips JK**, McBride C, Morris E, Crocker A, Bernstein IM. Adiposity, but not obesity, is associated with arterial stiffness in young nulliparous women. Reproductive Sciences. 2017. **Accepted for publication.**

**Non-Peer Reviewed Publications**

Review Articles

1. **Phillips J**, Henderson J. The obese gravida. OBG Management. 21(2):42-54, 2009.

Books and Chapters

1. **Phillips J**, Hamod K, Giuntoli R. Vulvar Disease. In: Fortner K, Szymanski L, Fox H, Wallach E, editors. The Johns Hopkins Manual of Gynecology and Obstetrics, 3rd edition. Baltimore: Lippincott Williams & Wilkins, 2007.
2. **Phillips J**, Osol G. Maternal Adaptive Changes in Pregnancy. In: Ginosar Y, Halpern S, Reynolds F, Weiner C, editors. Anesthesia and the Fetus. Blackwell Publishing Ltd, 2013.

**Abstracts**

Phillips JK, Argani C, Richardson J, Henderson J. 2008. Obesity and pregnancy: what do patients think? Society for Gynecologic Investigation. San Diego, CA.

Phillips JK, Amburgey O, Benvenuto A, True A, Meyer M, Capeless E. 2010. The role of antenatal betamethasone and fetal lung maturity testing in late preterm cesarean deliveries. Society for Maternal Fetal Medicine. Chicago, IL.

Phillips JK, Kuzina O, Gokina NI. 2010. EDHF and uteroplacental endothelial dysfunction in a rat model of diabetic pregnancy. Society for Gynecologic Investigation. Orlando, FL.

Phillips JK, Vance A, Linder E, Gokina NI. 2011. NS309, an opener of calcium activated potassium channels, restores endothelial function of uteroplacental arteries from diabetic pregnant rats. Society for Gynecologic Investigation. Miami, FL.

Adams R, Howe A, Phillips JK. 2013. Incremental increases in prepregnancy BMI, not only BMI category, increases the risk of cesarean delivery. Society for Maternal Fetal Medicine. San Francisco, CA.

Phillips JK, Bernstein I. 2013. Obesity in pregnancy and an intervention aimed at decreasing gestational weight gain. Conference on Behavior Change, Health, and Health Disparities. Burlington, VT.

Phillips JK. 2014. Gestational weight gain as a determinant of pregnancy outcome. Society for Maternal Fetal Medicine. New Orleans, LA.

Phillips JK, McBride C, Hale S, Soloman R, Bernstein I. 2014. Examination of prepregnancy and pregnancy urinary protein levels in healthy nulligravidas. Society for Maternal Fetal Medicine. New Orleans, LA.

Phillips JK. 2014. Financial incentives plus behavioral weight management to target gestational weight gain in obese women. IDEA conference. Washington, DC.

Hammer ES, Phillips JK, King S, Skelly J, Higgins S. 2014. Influence of smoking and BMI on birthweight and preterm birth. Vermont Center on Behavior and Health 2nd annual Conference on Behavior Change, Health, and Health Disparities. Burlington, VT.

Erten MZ, Phillips J, Jones C, Kappel S, Meyer M. 2014. Price variation in obstetrical services in a rural state. International Society for Pharmacoeconomics and Outcomes Research. Amsterdam, The Netherlands.

Phillips JK, McLean K, Bernstein I. 2015. Inflammatory mediators across gestation in obese compared to normal weight women. Society for Maternal Fetal Medicine. San Diego, CA.

Phillips JK, Mann S. 2015. Weight loss in the obese gravida reduces the risk of macrosomia. Society for Maternal Fetal Medicine. San Diego, CA.

McLean K, Phillips J, Bernstein I, Hammer E, Brummel-Ziedens K. 2015. Thrombotic potential across gestation in obese compared to normal weight women. Society for Reproductive Investigation. San Francisco, CA.

Phillips JK, Roberts L, Davis C, Harvey J, Higgins S, Bernstein I. 2015. Financial incentives plus behavioral weight management to target gestational weight gain in obese women. Vermont Center on Behavior and Health 3rd annual conference on Behavior Change, Health, and Health Disparities. Burlington, VT.

Phillips JK, Dube S, Roberts L, Bernstein I, Potter A. 2016. Executive function differences in overweight and obese gravidas. Society for Maternal Fetal Medicine. Atlanta, GA.

**Patents Issued or Pending:** None

**Other Creative Activities:** None

**Quality Improvement and Patient Safety Activities:**

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| --- | --- |
| 2012 | Vermont Child Health Improvement Program webinar“Obesity and pregnancy: NNEPQIN guidelines for the care of the obese patient” |

SUMMARY OF SCHOLARLY ACTIVITIES

In 2013 I was selected as one of five project directors for a mentored research opportunity funded through an NIH Centers of Biomedical Research Excellence grant through the Vermont Center on Behavior and Health. Since that time I have been leading a randomized controlled trial of a behavioral weight management intervention targeting gestational weight gain in overweight and obese pregnant women. This has resulted in multiple local and national presentations as well as the submission of an NIH R01 grant application. My research interests are in the complications associated with obesity in pregnancy, gestational weight gain, the developmental origins of childhood obesity, and the impact of behavior on health outcomes. I am also Co-investigator on an NIH R01 grant evaluating financial incentives for smoking cessation among pregnant women. I have 12 peer reviewed publications; 9 within the last 5 years and 7 as first author. 2 additional first author peer-reviewed papers are currently under review. In the last 5 years, I have given 16 invited presentations, 8 of which were regional/national including the Society for Maternal Fetal Medicine scientific forum and as a Grand Rounds speaker in Hartford Connecticut.

INVITED PRESENTATIONS

**Regional**

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| **Years** | **Host Organization****“Title of Talk”** | **City, State** |
| 2010 | New England Perinatal Society“The role of antenatal betamethasone and fetal lung maturity testing in late preterm cesarean deliveries” | Newport, RI |
| 2011 | New England Conference on Perinatal Research“EDHF and uteroplacental endothelial dysfunction in a rat model of diabetic pregnancy” | Chatham, MA |
| 2011 | University of Vermont College of Medicine Continuing Medical Education: Women’s Health“Vaginal birth after cesarean revisited” | Burlington, VT |
| 2013 | University of Vermont College of Medicine Continuing Medical Education: Women’s Health“An update on obesity and pregnancy: management recommendations” | Burlington, VT |
| 2013 | Albany Medical Center Perinatal Outreach conference“An update on obesity and pregnancy: management recommendations” | Albany, NY |
| 2016 | University of Vermont College of Medicine Continuing Medical Education: Women’s Health“Diabetes in Pregnancy” | Burlington, VT |
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**National**

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| --- | --- | --- |
| **Years** | **Host Organization****“Title of Talk”** | **City, State** |
| 2016 | Vermont Center on Behavior and Health National Annual Conference“Right sizing weight gain in pregnancy” | Burlington, VT |
| 2017 | Society for Maternal Fetal Medicine Obesity in Pregnancy Scientific Forum“Behavioral weight management in obese gravidas: an approach to decrease childhood obesity?” | Las Vegas, NV |
| 2017 | OB/GYN Grand Rounds, Hartford Hospital“Behavioral weight management to improve adherence to gestational weight gain guidelines in obese women” | Hartford, CT |

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| --- | --- | --- |
| **International**None |  |  |

**Local**

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| --- | --- | --- |
| **Years** | **Host Organization****“Title of Talk”** | **City, State** |
| 2011 | OB/GYN Grand Rounds, University of Vermont“The role of cervical cerclage in the prevention of recurrent preterm birth” | Burlington, VT |
| 2013 | Vermont Center on Behavior and Health 1st Annual Retreat“Incentives targeting gestational weight gain in overweight and obese low income women” | Burlington, VT |
| 2013 | OB/GYN Research Retreat, University of Vermont“Incentives targeting gestational weight gain” | Burlington, VT |
| 2014 | OB/GYN Grand Rounds, University of Vermont“Obesity in pregnancy: the role of behavior on health outcomes” | Burlington, VT |
| 2014 | Vermont Center on Behavior and Health 2nd Annual Retreat“Incentives targeting gestational weight gain: project update” | Burlington, VT |
|  |  |  |
| 2015 | Vermont Center on Behavior and Health 3rd Annual Retreat“Incentives targeting gestational weight gain: project update” | Burlington, VT |
| 2015 | OB/GYN Research Retreat, University of Vermont“Behavioral weight management and financial incentives to decrease gestational weight gain” | Burlington, VT |
| 2016 | Vermont Center on Behavior and Health 4th Annual Retreat“Incentives targeting gestational weight gain: project update” | Burlington, VT |
| 2017 | OB/GYN Education Retreat, University of Vermont“Active learning strategies in resident education” | Burlington, VT |