

# Tiffany A. Moore Simas, MD, MPH, MEd, FACOG

Department of Obstetrics and Gynecology

UMass Memorial Medical Center

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## Education

<b>M.Ed.</b> , Master of Education, Instructional Design Concentration University of Massachusetts, Boston, Massachusetts	2006 - 2008
<b>M.P.H.</b> , Master of Public Health, Clinical Effectiveness Concentration Harvard School of Public Health, Boston, Massachusetts	2004 - 2006
<b>Internship and Residency</b> , Obstetrics & Gynecology University of Massachusetts Medical School, Worcester, Massachusetts	2000 - 2004
<b>M.D.</b> , Doctor of Medicine University of Massachusetts Medical School, Worcester, Massachusetts <i>Honors: Alpha Omega Alpha – Delta Chapter</i>	1996 - 2000
<b>B.A.</b> , Bachelor of Arts, Biochemistry and Molecular Biology Clark University, Worcester, Massachusetts <i>Honors: Summa Cum Laude, Phi Beta Kappa, Gryphon &amp; Pleiades, High Honors</i>	1992 - 1996

## Appointments

### Academic

<b>Associate Professor of Obstetrics &amp; Gynecology and Pediatrics</b> Department of Obstetrics & Gynecology and Pediatrics University of Massachusetts Medical School Worcester, Massachusetts	2012 - Present
<b>Adjunct Faculty, Graduate School of Biomedical Sciences Clinical and Population Health Research</b> University of Massachusetts Medical School Worcester, Massachusetts	2009 - Present
<b>Assistant Professor of Pediatrics (Secondary Appointment)</b> Department of Pediatrics University of Massachusetts Medical School Worcester, Massachusetts	2008 - 2012
<b>Assistant Professor of Obstetrics &amp; Gynecology (Primary Appointment)</b> Department of Obstetrics & Gynecology University of Massachusetts Medical School Worcester, Massachusetts	2005 - 2012

### Administrative

**Director of Obstetrics & Gynecology Research Division** 2009 - Present  
 Department of Obstetrics & Gynecology  
 University of Massachusetts Medical School  
 Worcester, Massachusetts

**Associate Obstetrics & Gynecology Residency Program Director** 2006 - Present  
 Department of Obstetrics & Gynecology  
 University of Massachusetts Medical School  
 Worcester, Massachusetts

**Director, Obstetrics & Gynecology Resident Research** 2004 - Present  
 Department of Obstetrics & Gynecology  
 University of Massachusetts Medical School  
 Worcester, Massachusetts

**Administrative Obstetrics & Gynecology Chief Resident** 2003 - 2004  
 Department of Obstetrics & Gynecology  
 University of Massachusetts Medical School  
 Worcester, Massachusetts

### Hospital

Obstetrics & Gynecology Consultant 2010 - 2012  
 Family Health of Central Worcester, Worcester, Massachusetts 2005 - 2007

Full-time Faculty Attending of General Obstetrics & Gynecology 2004 - Present  
 UMass Memorial Health Care (UMMHC)  
 Worcester, Massachusetts

Resident Physician 2000 - 2004  
 Department of Obstetrics & Gynecology  
 University of Massachusetts Medical School (UMMS)  
 Worcester, Massachusetts

### Certification and Licensure

Diplomate, American Board of Obstetrics & Gynecology (ABOG) 2006 - Present

Commonwealth of Massachusetts State Medical License (active) 2004 - Present

Federal DEA License (active) 2004 - Present

Massachusetts DEA License (active) 2004 - Present

American Heart Association, Healthcare Provider Basic Life Support Certification (active) 1993 - Present

### Honors and Awards

Blackstone-Millville Regional High School Alumni Hall of Fame Inductee 2012

William N.P. Herbert, MD, Promising Educator Award Nominee (APGO) 2011

UMMS Physician Leadership Development Program 2011 - 2012

UMMS Women's Faculty Outstanding Community Service Award 2011

Provost's Award Honorable Mention (Worcester Polytechnic Institute) Major Qualifying Project 'Mom O'Meter' – SmartPhone application to optimize pregnancy weight gain (Advisor to Evan Duderwicz, Tom Jenkins, Brendan Harris, Ken Miyauchi, Michael Ng, Undergraduate Class of 2011)	2011
Annual Clinical Meeting First Place Abstract Presentation (ACOG) (Advisor to Erica Holland, MS3)	2011
Best Resident & Fellow Research Presentation Award (MA ACOG) (Advisor to Dr. Monica Lucero OB/Gyn PGY4)	2010
Paul F. Briscoli Award for Faculty-Resident Academic Collaboration (University of Massachusetts Medical School, Department of Psychiatry)	2010
William N.P. Herbert, MD, Promising Educator Award Nominee (APGO)	2009
Golden Apple for Outstanding & Dedicated Teaching of Medical Students (University of Massachusetts Medical School, Department of Ob/Gyn)	2009
Book Award for Academic Excellence in Education Master's Program in Instructional Design (University of Massachusetts Boston)	2009
3 <sup>rd</sup> Place Winner of the John M. Thorp, Jr., MD Resident and Fellow Research Awards (ACOG District I) (Advisor to Dr. Kristy Whitman OB/Gyn PGY4)	2009
Best Resident & Fellow Research Presentation Award (MA ACOG) (Advisor to Dr. Kristy Whitman OB/Gyn PGY4)	2009
Golden Apple for Outstanding & Dedicated Teaching of Medical Students (University of Massachusetts Medical School, Department of Ob/Gyn)	2008
Academic Scholars and Leadership Program (APGO)	2007 - 2009
Chief Resident Full-Time Faculty Teaching Award (University of Massachusetts Medical School, Department of Ob/Gyn)	2007
Golden Apple for Outstanding & Dedicated Teaching of Medical Students (University of Massachusetts Medical School, Department of Ob/Gyn)	2007
Golden Apple for Outstanding & Dedicated Teaching of Medical Students (University of Massachusetts Medical School, Department of Ob/Gyn)	2006
United States President's Volunteer Call to Service Award from the President's Council on Service and Civic Participation; USA Freedom Corp	2005
Dr. Bahy Louca Award for Humanitarianism in Medicine (University of Massachusetts Medical School, Department of Ob/Gyn)	2004
Golden Apple for Outstanding & Dedicated Teaching of Medical Students (University of Massachusetts Medical School, Department of Ob/Gyn)	2004
Highest Departmental Score (Council on Residency Education in OB/Gyn Exam (University of Massachusetts Medical School, Department of Ob/Gyn)	2003
Ortho-McNeil Optimistic Futures Program	2003
Alpha Omega Alpha – Delta Chapter	2000

University of Massachusetts Medical School)	
Janet M. Glasgow Achievement Citation (American Medical Women's Association)	2000
Award for Academic Achievement (Merck & Co., Inc.)	2000
Summa Cum Laude (Clark University)	1996
High Departmental Honors, Biochemistry & Molecular Biology (Clark University)	1996
American Institute of Chemists' Foundation Student Award in Biochemistry (Clark University)	1996
New England Institute of Chemists' Student Award in Biochemistry (Clark University)	1996
Gryphon and Pleiades Honor Society (Clark University)	1996
Fiat Lux Honor Society (Clark University)	1996
Commencement Speaker (Clark University)	1996
Phi Beta Kappa (Clark University)	1995
National Dean's List, 4 years	1992 to 1996
Dean's List, 8 semesters, (Clark University)	1992 to 1996
Worcester County Alumni Scholarship Recipient (Clark University)	1992
Scholarship Recipient, Blackstone-Millville Regional Junior Senior High School (Blackstone Ambulance Association)	1992
Good Citizens Award, Blackstone-Millville Regional Junior Senior High School (Daughters of the American Revolution)	1992
Joseph Struzik Student-Athlete Award, Blackstone-Millville Regional Jr Sr High School	1992

### **Professional Memberships and Activities**

Fellow, American College of Obstetricians and Gynecologists (ACOG)	2007 to Present
Association of Professor of Gynecology and Obstetrics (APGO)	2004 to Present
American Medical Association (AMA)	1999-2001, 2003-2006, 2010 to Present
Massachusetts Medical Society (MMS)	2003 to Present
Worcester District Medical Society (WDMS)	2003 to Present

### **Editorial Responsibilities**

<i>Maternal and Child Health Journal</i> , Ad Hoc Reviewer	2012
<i>Journal of Women's Health</i> , Ad Hoc Reviewer	2010-2011
<i>Journal of Medical Case Reports</i> , Ad Hoc Reviewer	2010
APGO/CREOG Annual Meeting, Abstract Reviewer (March 2011)	2010
APGO/CREOG Annual Meeting (March 2010)	2009
NIH Challenge Go Grants, Grant Reviewer	2009
<i>Reproductive Biology and Endocrinology</i> , Ad Hoc (registered) Reviewer	2009
<i>Hypertension in Pregnancy</i> , Ad Hoc Reviewer	2009
<i>Reproductive Sciences</i> , Ad Hoc Reviewer	2007
<i>American Journal of Obstetrics &amp; Gynecology</i> , Ad Hoc Reviewer	2006, 2011

## Educational Activities

### Teaching Activities

#### Undergraduate Medical Education

Medical Student Year 2 Integrated Clinical Experience (ICE) Cases, Lecturer, UMass Medical School, (15 students, 1 case/year)	2012 to Present
Medical Student Year 3 Perioperative and Maternal Care Journal Club, UMass Medical School, (15 students, 3 times/year)	2011 to 2012
Medical Student Year 4 Clinical Anatomy Elective, Lecturer, UMass Medical School, (1 student/year)	2010 to 2011
-Yearly lecture coordinated with medical student focusing on clinical topics that highlights anatomy and culminates in cadaver dissection	
Katherine Callaghan	Class of 2010
Ruth Perlmutter Levesque	Class of 2011
Medical Student Year 3 Ob/Gyn Clerkship Surgical Skills Lab, Facilitator, UMass Medical School (~15 students/quarter)	2009 to 2011
- Quarterly skills lab regarding knot tying, instrument handling, perineal repair, cervical exams and others	
Obstetrics & Gynecology Medical Student 3 Clerkship Out-Patient, Preceptor, UMass Medical School	2004 to 2009
- Host third year medical students in my out-patient clinical practice. Assigned students spend two half-day clinic sessions per week under my preceptorship. Skills on which we focus are history taking, breast and pelvic exams, synthesis of information with appropriate differential diagnoses, assessments and treatment plans. (On average, six-ten students per academic year)	
Medical Student Year 3 Ob/Gyn Medical Student Clerkship, Lecturer, UMass Medical School (~15 students/clerkship)	2003 to Present
- <i>Contraception</i>	
- <i>Pelvic Pain</i>	
- <i>Abnormal Uterine Bleeding</i>	
- <i>Menstrual Disorders</i>	
- <i>High-Risk Obstetrics</i>	
- <i>End of Clerkship Comprehensive Review</i>	
'Worcester: The Bigger Picture' Elective, Lecturer, UMass Medical School (~15 students/year)	2007 to 2010
- Annual lecture on Infant Mortality in Worcester County	
End of the Third Year Assessment (EOTYA), Evaluator, UMass Medical School (~10 students/year)	2011 to Present 2006 to 2009

Medical Student Year 2 Physical Diagnosis Course, <i>Breast and Pelvic Exam</i> , Lecturer, UMass Medical School, (100 students/year)	2005 to Present
Medical Student Year 2, Biology of Disease Course, <i>Female Reproductive System</i> , Discussion Leader, UMass Medical School, (~30 students/year)	2006 to Present
Medical Student Years 1 and 2 Longitudinal Preceptor Program, Preceptor, UMass Medical School (1-2 students/year)	2005 to Present
Community Health Clerkship, <i>Optimizing Perinatal Outcomes through Women's Health Service</i> , Co-Director, UMass Medical School, (~6 students/year) Medical Student Year 1: - 2 weeks clerkship for first year medical & nursing students - Lecturer, Preterm Birth in Ghanaian Born immigrants	2006 to 2009
Physical Diagnosis Course, Instructor, UMass Medical School, (4 students)	2000

### Graduate Medical Education

<i>Obstetrics in the ED</i> , Emergency Department Grand Rounds, Lecturer, UMass Medical School, (36 residents)	2008
<i>Postpartum Hemorrhage</i> , Curriculum Developer, UMass Medical School, (20 residents/year) - Developed multi-modality blended learning curriculum to postpartum hemorrhage where learners complete and master on-line baseline content prior to hands-on task trainers and high-fidelity simulation immersion.	2007 to 2010
Obstetric & Gynecology Journal Club, Facilitator, UMass Medical School, (20 residents/year, 610 sessions/year) - Select journal articles on weekly basis. Attend journal club gathering to facilitate discussion, bring out salient points and teach basic and advanced concepts in epidemiology, biostatistics and clinical care.	2007 to Present
Ob/Gyn Resident Research, Curriculum Developer, UMass Medical School, (20 residents/year) - Developed structured timeline and support system for obstetric and gynecologic resident required research projects. Instituted goal for project completion by end of post-graduate year 3 - culminating in presentation at meeting and manuscript submission.	2004 to Present

### Combined Undergraduate and Graduate Medical Education

Obstetrics & Gynecology Resident & Medical Student Core Curriculum, Lecturer, UMass Medical School, (20 residents and ~15 students/session) - <i>Gestational Trophoblastic Disease</i> - <i>First Trimester Vaginal Bleeding</i> - <i>Preeclampsia</i> - <i>Fetal Monitoring and Assessment</i> - <i>Morale-Boosting. . . Team-Building. . . Motivating. . . Intro to the FISH Philosophy</i> - <i>Primer on Study Design, Epidemiology &amp; Basic Statistics</i> - <i>Confounding, Stratified Analysis, Longitudinal/Linear Regression</i> - <i>Abnormal Uterine Bleeding</i> - <i>Chronic Pelvic Pain</i> - <i>Antepartum &amp; Intrapartum Fetal Surveillance</i>	2003 to Present
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**Departmental Medical Education**

Research Primer, Curriculum Developer, UMass Medical School, (~20 residents-fellows-faculty/session)	2009 to Present
Obstetrics & Gynecology Grand Rounds, Lecturer, UMass Medical School, (~50 students-residents-fellows-faculty/session)	2003 to Present
<i>Migration patterns in gestational weight gain</i>	May 2011
<i>Intractable vaginal bleeding in an adolescent – case of questions</i>	February 2009
<i>The National Children's Study</i>	January 2008
<i>Maternal Mortality in Peru</i>	February 2007
<i>Role of Ob/Gyns in Humanitarian Assistance &amp; Disaster Relief</i>	May 2005
<i>Domestic Violence in Pregnancy</i>	February 2004
<i>Disseminated Intravascular Coagulation in Pregnancy</i>	May 2003
Perinatal Student, Resident and Attending Conference, Lecturer, UMass Medical School, (~20 students-residents-faculty/session)	1999 to Present
<i>Pregnancy and Postpartum Weight Gain and Retention</i>	May 2011
<i>Smoking Cessation in Pregnancy</i>	December 2009
<i>Disseminated Intravascular Coagulation in Pregnancy</i>	May 2006
<i>Domestic Violence in Pregnancy</i>	April 2005
<i>Twin to Twin Transfusion</i>	November 2003
<i>Isoimmunization</i>	November 2003
<i>Cervical Cerclage</i>	October 2003
<i>Diabetic Ketoacidosis in Pregnancy</i>	November 2002
<i>Tocolytics</i>	September 1999

**Para-Medical Education**

Obstetrics 'In the Field', Annual Lecturer, Massachusetts Emergency Care Training Association (MECTA), (~20 Emergency Medical Technician students)	2009 to Present
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**Advising and Supervision****Thesis Advisory Committees:**

Dawn Fraga, MEd Lesley University, Doctor of Philosophy in Educational Studies	Class of 2012
Emily Weber LeBrun, MD UMMS, Master's of Science in Clinical Investigation	Class of 2010

**Mentor to Fellows:**

Diego Illanes, MD, Fellow UMMS, Urogynecology, Female Pelvic Med & Reconstructive Surgery	Class of 2011
Emily Weber LeBrun, MD, Fellow UMMS, Urogynecology, Female Pelvic Med & Reconstructive Surgery	Class of 2010

**Advisor to UMMS Ob/Gyn Resident Research Projects:**

<u>Name</u>	<u>Project Title</u>	<u>Class</u>
Crina Boeras, MD	Pregnancy & Postpartum Observational Dietary Study (PPODS)	2014
Katherine Callaghan, MD	Gestational Weight Gain Prior to the Glucose Tolerance Test and	2014

	the Risk of Gestational Diabetes Mellitus and Pregnancy-Induced Hypertension	
Kristen Kelly, MD	Preterm Delivery: Assessment of Differential Risk Factors, Etiologies and Community Risk/Geography by Race/Ethnicity	2014
Leah Wilson, MD	The Effect of Bariatric Surgery on Pregnancy and Neonatal Outcomes	2014
Christopher Conlan, MD	Preterm Delivery: Assessment of Differential Risk Factors, Etiologies and Community Risk/Geography by Race/Ethnicity	2013
Amy Podolski, MD	Physical Activity and Pregnancy	2013
Revital Yehezkel, MD	Obstetric Interventions: Assessment of Differential Practices by Race/Ethnicity	2013
Elizabeth Pelkofski, MD	The Role of CA-125 in Recurrent Ovarian & 1 <sup>o</sup> Peritoneal Cancer	2012
AeuMuro Lake, MD	Subjective and Objective Outcomes of Extended Perineorrhaphy and Colpocleisis over a 10 year Period	2012
Anne Garrison, MD	Growth Affected Neonates – Association with BMI and Adherence to Gestational Weight Gain	2011
Anna Pilzek, MD	Obstetrical Perineal Lacerations: Incidence and Risk Factors at UMass Memorial 2006-2010	2011
Tara Kumaraswami, MD	Postpartum Depression: Impact of an Educational Intervention on Help-Seeking Behaviors	2010
Jennifer Scanlon, MD	On-line Survey of Ob/Gyn Resident Knowledge regarding Emergency Contraception	2010
Erin Barlow, MD	Gestational Weight gain and postpartum weight retention in Adolescent Pregnancy	2009
Kenneth Barron, MD	The Giving Birth Study – Prospective Survey of Patient Preferences on Mode of Delivery	2009
Teresa Robb, MD	Survey of Patient Knowledge, Attitudes and Beliefs of Potentially Teratogenic Medications in Pregnancy	2009
Kristy Whitman, MD	Prospective observational study of obstetric interventions and outcomes in pregnancies following loop electrosurgical excision procedure (LEEP), previously performed for cervical dysplasia	2009
Jaimee DeMone, MD	Prospective observational study of obstetric interventions and outcomes in pregnancies following loop electrosurgical excision procedure (LEEP), previously performed for cervical dysplasia	2008
Shaliz Dolan, MD	Laboratory panel for disseminated intravascular coagulation (DIC) screening in pregnancy	2008
Melissa Moffitt, MD	Obesity in pregnancy & adherence to IOM weight gain guidelines	2008



Neelam Thacker, MD	Perinatal depression & suicidality	2008
Sara Frost, MD	Prediction of Preeclampsia Study (PoPS)	2007
Michelle Sinopoli, MD	Prospective evaluation of epidural effect on obstetric laceration trauma	2007
Stacy Hunt-Okolo, MD	Domestic violence screening in pregnancy – the Women’s Abuse Screening tool (WAST)	2007
Chanel Tyler, MD	Laboratory panel for disseminated intravascular coagulation (DIC) screening in pregnancy	2006
Cherie Quesenberry, MD	Retrospective evaluation of racial differences in obstetric laceration trauma	2006
Uchechi Wosu, MD	Prediction model of urinary retention following TVT	2006
Sameena Rahman, MD	Domestic violence screening in pregnancy – the Women’s Abuse Screening tool (WAST)	2005

**Kelley House Ob/Gyn Specialty Advisor to UMMS Medical Students**

2012 to current

**Research Mentor to UMMS Community and Public Health Research PhD Program, UMass Worcester:**

2013 to current

Aimee Kroll

**Advisor to UMMS Medical Student Clinical Pathway Scholar Research Projects in Graduate School of Biomedical Sciences (GSBS), UMass Worcester:**

Karen Tenner Understanding Untreated Perinatal Mental Illness and the Role of Mental Health Providers	Class of 2015
Inna Baran Physical Activity and Pregnancy – Survey of patients	Class of 2013
Erin Habecker Racial and Ethnic Differences in Etiologies and Risk Factors of Preterm Birth	Class of 2012

**Advisor to UMMS Medical Student Senior Scholar Research Projects:**

Elizabeth Scannell Recall versus measured pre-pregnancy weight compared to first prenatal Visit weight	Class of 2013
Mary Lavoie Gestational weight gain and pregnancy outcomes following bariatric surgery	Class of 2012
Erin Habecker Preterm Delivery: Assessment of Differential Risk Factors, Etiologies and Community Risk/Geography by Race/Ethnicity	Class of 2012

Anna Buabud Gestational Weight Gain Prior to the Glucose Tolerance Test and the Risk of Gestational Diabetes Mellitus and Pregnancy-Induced Hypertension	Class of 2012
Gina Tassone Survey of providers' knowledge of gestational weight gain guidelines in pregnancy – a preparedness assessment based on 2009 Institute of Medicine recommendations	Class of 2010
Katharine Barnes Gestational Weight Gain: Patient Survey of Attitudes, Modifiable Behaviors, and Provider Advice	Class of 2010
Darrah Doyle Evaluation of Ob/Gyn provider advice regarding gestational weight gain in comparison to patient recall and adherence	Class of 2009
Erin Eppsteiner Survey of postpartum weight in women with gestational diabetes	Class of 2009
Megan Reynolds Role of education in women's knowledge and acceptance of adjunct HPV testing for cervical cancer screening	Class of 2007

**UMMS Obstetrics and Gynecology Specialty-Specific Mentor:**

<u>Student</u>	<u>Residency Site</u>	
Elizabeth Scannell		Class of 2013
Daniel Terk		Class of 2013
Erin Habecker, MD	University of Colorado, Denver, CO	Class of 2012
Erica Holland, MD	Boston University, Boston, MA	Class of 2012
Ruth Perlmutter-Levesque	University of Mass., Worcester, MA	Class of 2011
Diana Robillard, MD	Maine Medical Center	Class of 2011
Gina Tassone, MD	New York University, NY	Class of 2010
Ryan Callery, MD	Einstein Hospital, NY	Class of 2010
Caroline Kaufman, MD	University of Texas, Austin, TX	Class of 2009
Darrah Doyle, MD	Yale University, New Haven, CT	Class of 2009
Gregory Woo, MD	University of Honolulu, HI	Class of 2007
Anne Garrison, MD	University of Mass., Worcester, MA	Class of 2007
Brittany Webber, MD	Baystate, Springfield, MA	Class of 2006
Caitlin Saint Aubin, MD	University of Connecticut, Farmington, CT	Class of 2006

**Medical Student Longitudinal Preceptor:**

<u>Student</u>	
Gianna Wilkie	Class of 2016
Katherine Marino	Class of 2014
Alexandra Cerutti	Class of 2012
Madeline McCarthy	Class of 2012
Caitlin Hurley	Class of 2010
Rebecca Pike	Class of 2007

**Medical Student Advisor:**

<u>Student</u>	
Ruth Permatter	Class of 2010
Julia Randall	Class of 2009
Stephanie Chen	Class of 2009
Michelle St. Fleur	Class of 2009

Caroline Kaufman

Class of 2009

**College of the Holy Cross, Academic Internship Program:****Student**

Laura Dillon

Class of 2011

Megan McCloat

Class of 2012

**Grants****Current**

Agency: National Institute of Health

2011 - 2016

Grant Number: R01

PI: Paul Clapham, PhD

Title: HIV-1 R5 envelope determinants and properties that affect transmission

Description: This research proposal investigates which type of HIV-1 envelope is transmitted using ectocervical explants cultures as a model for male-to-female transmission. The main aim to identify the properties and 1 envelopes that determinants of HIV-confer efficient infection of these explants.

Total costs: \$2,070,848 / 5 years

Role: Significant Contributor (2.5%, in kind)

Agency: National Institute of Health/NIDDK

4/1/12 – 3/31/17

Grant Number: R01 DK064902

PI: Lisa Chasan Taber, PhD (UMass Amherst)

Title: A Randomized Trial of a Postpartum Diabetes Prevention Program for Hispanic Women

Description: The goal of the proposed research is to test the effects of a culturally and linguistically modified, individually tailored lifestyle intervention among Hispanic women diagnosed with abnormal glucose tolerance in pregnancy.

Total costs: \$3,804,719 / 5 years

Role: Site Co-Principal Investigator (4%, years 1-5)

Agency: UMMS CTSA Life Sciences Moment Fund

8/1/12 – 7/31/14

PI: Ling Shi, PhD (UMass Boston)

Title: Soy Protein and Isoflavone Supplementation for Improved Glucose Metabolism And Lipid Profiles in Pregnant Women at High Risk for Gestational Diabetes Mellitus

Description: Randomized control trial of 25 g isolated milk protein (IMP) or 25 g isolated soy protein with 75 mg isoflavones (ISP+ISO) from the 16<sup>th</sup> Gestational week to birth for gestational diabetes prevention in high Risk women

Total costs: \$145,259 / 2 years

Role: Co-Investigator (\$2,000/year with remainder of 5% in kind)

**Pending**

Agency: March of Dimes

2013 – 2016

PI: Mary Lee, MD

Title: Mapping intrauterine factors that determine postnatal growth patterns

Description: The goal of this proposed research is to understand how perfluorinated compounds Are linked to in utero fetal growth as evidenced by birth weight and subsequent infant and early toddler growth trajectory, and with later obesity and diabetes.

Description: The goal of this proposed research is to understand the determine cytokine profiles in

## pregnancy and their role in preterm birth

Agency: American Diabetes Association 2013 – 2016

Grant Number: 1-13-TS-10

PI: Tiffany A. Moore Simas, MD, MPH, MEd

Title: Gestational Diabetes Mellitus and Adipose Tissue Function (GEDMAT)

Description: The goal of this proposed research is to test the hypothesis that insufficient subcutaneous adipose tissue expansion underlies GDM risk.

Agency: NIH-NIDDK 2013 – 2018

Grant Number: 1R01DK0988607-01

PI: Tiffany A. Moore Simas, MD, MPH, MEd

Title: Gestational Diabetes Mellitus and Adipose Tissue Function (GEDMAT)

Description: The goal of this proposed research is to test the hypothesis that insufficient subcutaneous adipose tissue expansion underlies GDM risk.

Agency: National Institute of Health 2012 - 2017

Grant Number: 1 R01 DK097228-01

PI: Milagros Rosal, PhD

Title: Txt4U&BBY: Text Message Intervention for Healthy Pregnancy and Postpartum Weight

Description: The overall goal of this randomized controlled trial is to assist normal Weight, overweight and obese women with optimization of weight gain and weight loss in the pregnancy and postpartum period.

Total costs: \$4,008,0058

Role: Co-Investigator (30% year 1, 10% years 2-4, 25% year 5)

Agency: National Institute of Health 2013 – 2018

Grant Number: R01

PI: Maureen Perry Jenkins, PhD

Title: Preventing Perinatal Stress and Depression and Infant Biobehavioral Dysregulation

Description: The goal of this randomized controlled trial is to investigate the effectiveness of a randomized intervention on mother's perinatal depression, cortisol dysregulation and sensitivity to the infant in a prospective cohort of 240 new mothers and their designated primary support person.

Total costs:

Role: Co-Investigator (5% years 1-5)

Agency: National Institute of Health 2013 – 2016

Grant Number: R15

PI: Brian Whitcomb, PhD

Title: Profiles of inflammatory biomarkers in women at high risk of preterm birth

Description: The goal of this study is to quantify inflammatory markers in women at high risk of preterm birth in those that are and are not utilizing progesterone (either IM or vaginal).

Total costs:

Role: Co-Investigator (5% years 1-4)

Agency: UMass CCTS 2013 – 2015

PI: Molly Waring, PhD

Title: Impulsivity and Weight Gain during Pregnancy: the Roles of Excess Energy Intake, Food Reward Sensitivity, and the Food Environment

Description: The goal of this study is to better understand the interplay between food reward sensitivity, women's food environments, impulsivity and gestational weight gain during pregnancy to inform the development of interventions to help women achieve healthy weight gain during pregnancy.

Total costs:

Role: Co-Investigator

Agency: Boston Nutrition Obesity Research Center (BNORC) 2013 – 2015  
 PI: Molly Waring, PhD  
 Title: Disordered sleep during pregnancy and gestational weight gain: exploring a pathway towards Impaired glucose metabolism and gestational diabetes  
 Description: The goals of this study are to examine the association between disordered sleep during pregnancy (interrupted sleep, short sleep duration, excessive daytime sleepiness, poor sleep quality, snoring) and gestational weight gain, and to examine the associations between disordered sleep and (1) higher energy intake, (2) greater caloric intake from snacks and refined carbohydrates.  
 Total costs:  
 Role: Co-Investigator

## Completed

Agency: UMMS Center for Clinical and Translational Science (CCTS) 1/1/11 – 12/31/12  
 Grant Number: NA  
 PI: Milagros Rosal, PhD and Tiffany A. Moore Simas, MD (7.5%, in kind)  
 Title: Percent Dietary Saturated Fat Composition in Pregnancy and Postpartum Weight Loss – PPODS (Pregnancy and Postpartum Observational Dietary Study)  
 Description: The overall goal of this translational research project is to evaluate whether associations among dietary consumption of saturated fat, fat deposition and weight loss observed in mice, can be observed in human subjects during periods of weight gain and loss in human pregnancy and the postpartum period, respectively.  
 Total costs: \$147,790 / 2 years

Agency: UMMS Faculty Scholars Award 2011 - 2012  
 Grant Number: NA  
 PI: Tiffany Moore Simas, MD, MPH, MEd (10%, in kind)  
 Title: Pregnancy & Postpartum Observational Dietary Study (PPODS)  
 Description: The overall goal of this award is to provide support during a time of increased family responsibility such that scholarly activity can continue. Specifically, the PPOD study will be supported along with further growth research of the division and its assistance to other research projects.  
 Total costs: \$30,000 / 1 year  
 Role: Principal Investigator

Agency: UMMS Faculty Scholars Award 2011 - 2012  
 Grant Number: NA  
 PI: Nancy Byatt, DO, MBA  
 Title: Perinatal Mental Illness: How can Barriers to Treatment be Overcome?  
 Description: The primary aim is to identify self-perceived barriers perinatal women experience in accessing and following through with mental health and treatment potential solutions.  
 Total costs: \$30,000 / 1 year  
 Role: Co-Investigator (2.5%, in kind)

Agency: Meyers Primary Care Institute and Rosalie Wolf Interdisciplinary Geriatric Health Care Research 2010 - 2011  
 Grant Number: NA  
 PI: Nancy Byatt, DO, MBA  
 Title: Perinatal Mental Illness: The perspective of Ob/Gyn Providers and Staff for Optimization of Treatment  
 Description: The primary aim is to elicit ways in which barriers to the treatment of perinatal mental illness can be overcome to facilitate the engagement

and participation of women in mental health treatment.

Total costs: \$15,000 / 1 year

Role: Co-Investigator (5%, in kind)

Agency: University of Massachusetts Medical School Risk Management 2010 - 2011

Grant Number: NA

PI: Anita KostECKi, MD/Tiffany A. Moore Simas, MD, MPH, MEd

Title: Quality Improvement in Family Physicians' Management of Obstetrical Emergencies

Description: The overall goal of the project is improvement of Family Physicians' responses to emergent OB situations. There will be an emphasis on simulation and team practice for relatively infrequent events and improvement of communication with OB consultants during such events.

Total costs: \$14,475 / 1 year

Role: Multi-Principal Investigator (2%, in kind)

Agency: Center for Clinical and Translational Sciences (CCTS) 2008 - 2010

Pilot Project Program (PPP)

University of Massachusetts Medical School

Grant Number: NA

PI: Tiffany A. Moore Simas, MD, MPH, MEd

Title: Angiogenic Biomarkers for the Prediction of Preeclampsia

Description: The overall goals of this study are to elucidate risk-specific angiogenic biomarker profiles so as to determine unique pathophysiologic mechanisms as contrasted with healthy controls and to validate the predictive value of serum angiogenic factor levels for the prediction of preeclampsia.

Total costs: \$150,000 / 2 years

Role: Principal Investigator (7.5% years 1-2)

Agency: Sloan Foundation, University of Massachusetts 2007 - 2008

Grant Number: NA

Multi-PI: Susan J. Pasquale, PhD, MT-BC, NMT; Lyn Riza, MS; Tiffany A. Moore Simas, MD, MPH, MEd; Susan

Title: Intra-Operative Postpartum Hemorrhage Simulation & Blended Learning Curriculum

Description: This project proposes to develop a comprehensive blended learning instructional program for training health care professionals in the effective management of intra-operative obstetrical hemorrhage (IOH).

Total costs: \$35,000

Role: Multi-Principal Investigator (10%, in kind)

## Contracts

### Current

Agency: NIH-NICHD-NCS-2012-16

10/1/12 – 9/0/13

Contract Number: HHSN275201200028C

PI: Marianne E. Felice, MD

Title: National Children's Study, Worcester County

Description: Contract renewal with UMass Medical School as study center for National Children's Study. Focus of this year is formative research regarding 'Provider Based Recruitment' Strategy for subject identification and enrollment.

Total costs: \$3,614,836

Role: Co-Investigator (10%)

Agency: Brown University/Women & Infant's Hospital 10/23/12 – 10/22/13  
 Site PI: Tiffany A. Moore Simas, MD, MPH, MEd  
 Title: Satellite site to Brown University/Women & Infant's Hospital for Maternal Fetal Medicine Units Network  
 Description: Satellite site to Brown University, PI Dr.Dwight Rouse, as one of 14 academic medical centers nationwide carrying out protocols related to clinical care in pregnancy and child birth. MFMU grant term for Brown is 4/1/11-03/31/16 with application ID 2U10HD040500-12 and award document number UHD040500C. Current protocols include:  
 (1) ALPS (Antenatal Late Preterm Steroids)  
 (2) CMV (Randomized Trial to Prevent Congenital Cytomegalovirus Infection)  
 Total costs: Capitated per enrollment per protocol.

Agency: Abbott 2012 - 2014  
 Site PI: Tiffany A. Moore Simas, MD, MPH, MEd  
 Title: A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Elagolix in Subjects with Moderate to Severe Endometriosis-Associated Pain  
 Description: RCT (double-blind, placebo-controlled) study to evaluate the efficacy Of elgalox in subjects with moderate to severe endometriosis-related Pain  
 Total costs: Capitated per enrollment (contract being negotiated)

## Completed

Agency: NIH-NICHD-NCS-07-11 10/1/07 – 9/30/13  
 Contract Number: HHSN267200700024C  
 PI: Marianne E. Felice, MD  
 Title: National Children's Study, Massachusetts Child Health in Life Determinants (MassCHILD) Worcester County  
 Description: The goal of this project is to establish the University of Massachusetts Medical School (UMMS) as a key member of the National Children's Study (NCS) network. UMMS aims to be the NCS study center for central and northern New England while carrying out the complex NCS protocol that broadly aims to investigate environmental exposures on the health of children.  
 Total costs: \$5,588,287  
 Role: Co-Investigator and Hospital Engagement Liaison  
 (year 1 26.5%, years 2-4 15%, year 5 10%)

Agency: Artemis-Verinata Health, Inc./Quintiles 2010 - 2011  
 Contract Number: Protocol ART-0006  
 Site PI: Tiffany A. Moore Simas, MD, MPH, MEd  
 Title: MELISSA trial (MatErnal BLood IS Source for Accurately diagnosing fetal aneuploidy)  
 Description: A prospective, multi-center observational study with blinded, nested case:control analyses to evaluate the performance of the Artemis-Verinata Health Prenatal Aneuploidy Diagnostic task. Overall study goal is to validate an investigational prenatal blood test that could be made available to all pregnant women to accurately diagnose an abnormal number of chromosomes in the fetus.  
 Total costs: \$17,500  
 Role: Site Investigator (% time is capitated per subject enrollment)

Agency: Agency for Healthcare Research and Quality (AHRQ) 2009 - 2010  
 Contract Number: HMORN CERT DEcIDE (, HHS290-2005-0033-I -TO3-WA2  
 Developing Evidence to Inform Decisions about Effectiveness

(DEcIDE), Task  
Order 19-PS, Work Assignment #2

PI: Richard Platt, M.D., M.Sc.

Title: Developing validated algorithms to Ascertain Medical Procedures Used During Pregnancy

Description: A multi-site study was conducted to evaluate the validity of health plan administrative and claims data to identify pre-gestational and gestational diabetes, obesity, and ultrasounds among pregnant women.

Total costs: \$255,000

Role: Co-Investigator (7%)

Agency: Ortho Clinical Diagnostics (OCD), Johnson & Johnson Company

2007 - 2009

Contract Number: NA

Site PI: Tiffany A. Moore Simas, MD, MPH, MEd

Title: Preeclampsia Study Protocol 06-007

Description: The purpose of the study is to collect data to support an in vitro diagnostic device, IVDD that can accurately predict preeclampsia prior to onset of signs and symptoms in pregnant women and aid in the diagnosis of preeclampsia.

Total costs: \$162,083

Role: Site-Investigator (% time is capitated per subject enrollment)

## Publications

### Peer-reviewed publications (\* denotes mentee)

1. Young S, **Moore Simas T**, McKinnon M, Aronson M, Morse A, and Howard A. Extended colpoperineorrhaphy for severe prolapse in elderly or at risk acoital women. *J Pelvic Med Surg* 2004;10:9-13.
2. **Moore Simas TA**, Crawford SL, Solitro MJ, Frost S\*, Meyer BA, Maynard SE. Angiogenic factors for the prediction of preeclampsia in high risk women. *Am J Obstet Gynecol* 2007 Sept;197(3):244.e1-244.e8.
3. Maynard SE, **Moore Simas TA**, Solitro MJ, Rajan A, Crawford S, Soderland P, Meyer B. Circulating angiogenic factors in singleton vs. multiple-gestation pregnancies. *Am J Obstet Gynecol* 2008 Feb;198(2):200.e1-200.e7.
4. Papa D,\* **Moore Simas TA**, Reynolds M\*, Melnitsky H. Assessing the Role of Education in Women's Knowledge and Acceptance of Adjunct High Risk Human Papillomavirus Testing for Cervical Cancer Screening. *J Lower Genital Tract Dis* 2009 Apr;13(2):66-71.
5. **Moore Simas TA**, Doyle Curiale D, Hardy J, Jackson S, Liao X, Zhang Y. Efforts Needed to Provide Institute of Medicine Recommended Guidelines for Gestational Weight Gain. *Obstet Gynecol* 2010 Apr;115(4):777-83.
6. Maynard SE, **Moore Simas TA**, Bur L, Crawford SL, Solitro MJ, Meyer BA. Soluble Endoglin for the Prediction of Preeclampsia in a High Risk Cohort. *Hypertension in Pregnancy* 2010 July;29:330-341.
7. **Moore Simas TA**, Riza L, Pasquale S, Berry R, Manning J. Fluid Resuscitation & Blood Product Replacement in Postpartum Hemorrhage. *MedEdPORTAL*; 2010. Available from: <http://services.aamc.org/30/mededportal/servlet/s/segment/mededportal/?subid=7919>
8. Tasillo D, **Moore Simas T**, Riza L, Pasquale S, Berry R, Manning M, Pharmacologic Interventions in Postpartum Hemorrhage. *MedEdPORTAL*; 2010. Available from: <http://services.aamc.org/30/mededportal/servlet/s/segment/mededportal/?subid=8024>



9. Manning M, **Moore Simas TA**, Berry R, Riza L, Pasquale S, Tasillo D. Vaginal Approaches to Postpartum Hemorrhage Management. *MedEdPORTAL*; 2010. Available from: <http://services.aamc.org/30/mededportal/servlet/s/segment/mededportal/?subid=8023>
10. **Moore Simas TA**, Liao X, Garrison A\*, Tassone GM\*, Howard AE, Hardy JR. Impact of Updated Institute of Medicine Guidelines on Prepregnancy Body Mass Index Categorization, Gestational Weight Gain Recommendations and Needed Counseling. *J Women's Health* June 2011, 20(6):837-844.
11. **Moore Simas TA**, Byatt N, Deligiannidis KM. Clinical Round Up – How do you treat Premenstrual Syndrome in your practice? – Evidence for Vitamins and Minerals. *Alternative and Complementary Therapies* August 2011, 17(4):237.
12. Spring L\*, Robillard D\*, Gehlbach L, **Moore Simas TA**. Impact of pass/fail grading on medical students' well-being and academic outcomes. *Medical Educ* Sept 2011, 45(9):867-77. (Published commentary p. 860-862).
13. Andrade SE, **Moore Simas TA**, Boudreau D, Raebel MA, Toh S, Syat B, Dashevsky I, Platt R. Validation of Algorithms to Ascertain Clinical Conditions and Medical Procedures Used During Pregnancy. *Pharmacoepidemiology and Drug Safety* 2011 Nov;20(11):1168-76.
14. **Moore Simas TA**, Waring M, Liao X, Garrison A\*, Sullivan GM\*, Howard AE, Hardy JR. Prepregnancy weight, gestational weight gain, and risk of growth affected neonates. *J Women's Health* (Larchmt). 2012 April; 21(4):410-7. E pub 2011 Dec 14.
15. Waring ME, **Moore Simas TA**, Liao X. Adherence to gestational weight gain recommendations in consecutive pregnancies. *Midwifery* In press – <http://www.sciencedirect.com/science/article/pii/S026661381200068X>
16. Moore AG, Young H, Keller JM, Ojo LR, Yan J, **Moore Simas TA**, Maynard SE. Angiogenic biomarkers for prediction of maternal and neonatal complications in suspected preeclampsia. *Journal of Maternal-Fetal and Neonatal Medicine* Accepted July 2012.
17. Byatt N, Biebel K, Debourdes-Jackson G, Lundquist R, **Moore Simas T**, Weinreb L, Ziedonis D. Community Mental Health Provider Reluctance to Provide Pharmacotherapy May Be a Barrier to Addressing Perinatal Depression: A Preliminary Study. *Psychiatric Quarterly*. 2012. DOI: 10.1007/s11126-012-9236-0
18. Byatt N, **Moore Simas T**, Lundquist R, Johnson J, Ziedonis D. Strategies for Improving Perinatal Depression Treatment in North American Outpatient Obstetric Settings. *Journal of Psychosomatic Obstetrics & Gynecology* 2012;33(4): 143-161.
19. Holland E\*, **Moore Simas TA**, Doyle Curiale DK, Liao X, Waring ME. Self-reported pre-pregnancy weight versus weight measured at first prenatal visit: effects on categorization of pre-pregnancy body mass index. *Maternal and Child Health Journal*. Accepted December 2012.
20. Byatt N, Biebel K, Lundquist R, **Moore Simas T**, Debourdes-Jackson G, Allison J, Ziedonis D. Patient, Provider and System-level Barriers and Facilitators to Addressing Perinatal Depression. *Journal of Reproductive and Infant Psychology*. DOI:10.1080/02646838.2012.743000

### Peer-reviewed Publications as part of Network or Study Group

1. Bianchi DW, Platt LD, Goldberg JD, Abuhamad AZ, Sehnert AJ, Rava RP; Maternal Blood IS Source to Accurately diagnose fetal aneuploidy (MELISSA) Study Group. Genome-wide fetal

aneuploidy detection by maternal plasma DNA sequencing. *Obstet Gynecol* 2012 May; 119(5):890-901 (Collaborator, Study Site Principal Investigator).

### Peer-Reviewed Manuscripts – Submitted for Review (\*denotes mentee)

1. **Moore Simas TA**, Waring ME, Sullivan GMT, Liao X, Rosal M, Hardy JR, Berry RE. IOM 2009 Gestational Weight Gain Guidelines Knowledge: US Ob/Gyn and Family Medicine Resident Survey. *Obstet Gynecol*. Submitted April 2012. Revision in Process.
2. Waring ME, **Moore Simas TA**, Barnes K, Terk D, Baran I, Liao X, Pagoto, SL, Rosal MC. Recalled provider gestational weight gain advice versus 2009 Institute of Medicine recommendations. *Obstet Gynecol*. Submitted May 2012.
3. Rosal MC, **Moore Simas TA**, Bodenlos JS, Crawford SL, Leung K, Sankey H. Gestational weight gain among White and Latina women and association with prematurity and birth weight. *Obstet Gynecol*. Submitted August 2012.
4. Edmonds JK, Yehezkel R, Liao X, **Moore Simas TA**. Racial and Ethnic Differences in Primary, Unscheduled Cesarean Deliveries Among Low-Risk Primiparous Women at One Academic Medical Center. *Birth*. Submitted Nov 2012.
5. Waring M, **Moore Simas TA**, Lombardini LM, Allison JJ, Rosal MC, Pagoto SL. Internet Access and Online Information-Seeking during Pregnancy. *J Midwifery Women's Health*. Submitted Nov 2012.
6. **Moore Simas TA**, Crawford SL, Bathgate S, Yan J, Robidoux L, Moore M, Maynard SE. Angiogenic Biomarkers for Prediction of Early Preeclampsia Onset in High-Risk Women. *Am J Obstet Gynecol*. Submitted November 2012.
7. SE Maynard, Crawford SL, Bathgate S, Yan J, Robidoux L, Moore M, **Moore Simas TA**. Angiogenic biomarkers patterns in high-risk preeclampsia groups. *Am J Obstet Gynecol*. Submitted November 2012.
8. **Moore Simas TA**, Terk D, Manning MJ, Tasillo DS, Eppsteiner E, Pasquale SJ, Riza L, Taylor M, Liao X, Berry RE. Needs Assessment and Complete Comprehensive Curriculum for the Management of Postpartum Hemorrhage. *J Simulation*. Submitted October 2012.
9. **Moore Simas TA**, Szegda K, Liao X, Pekow P, Markenson G, Chasan Taber L. Cigarette smoking and risk of gestational diabetes mellitus in a cohort of Hispanic women. *Diabetes Care*. Submitted January 2012.

### Books & Chapters (\* denotes mentee)

1. Lucero M\*, **Moore Simas TA**. 'Herpes (Pemphigoid) Gestationis' In: The 5-Minute Clinical Consult 2010, 18<sup>th</sup> Edition. Ed: Domino FJ, Baldor RA, Golding J, Grimes JA, Scott Taylor J. Lippincott Williams & Wilkins, Philadelphia, PA, 2009.
2. Lucero M\*, **Moore Simas TA**. 'Herpes (Pemphigoid) Gestationis' In: The 5-Minute Clinical Consult 2011, 19<sup>th</sup> Edition. Ed: Domino FJ, Baldor RA, Golding J, Grimes JA, Scott Taylor J. Lippincott Williams & Wilkins, Philadelphia, PA, 2010.
3. Yu-hsuan Chen S\*, **Moore Simas TA**. 'Vaginismus' In: The 5-Minute Clinical Consult 2012, 20<sup>th</sup> Edition (p. 1394-1395). Ed: Domino FJ, Baldor RA, Golding J, Grimes JA,

Scott Taylor J. Lippincott Williams & Wilkins, Philadelphia, PA, 2011.

4. **Moore Simas TA.** 'Pemphigoid (Herpes) Gestationis' In: The 5-Minute Clinical Consult 2012, 20<sup>th</sup> Edition (p. 970-971). Ed: Domino FJ, Baldor RA, Golding J, Grimes JA, Scott Taylor J. Lippincott Williams & Wilkins, Philadelphia, PA, 2011.
5. **Moore Simas TA.** 'Pemphigoid (Herpes) Gestationis' In: The 5-Minute Clinical Consult 2013, 21<sup>st</sup> Edition (p. TBD). Ed: Domino FJ, Baldor RA, Golding J, Grimes JA, Scott Taylor J. Lippincott Williams & Wilkins, Philadelphia, PA, 2012.
6. Chute T\*, **Moore Simas TA.** 'Sheehan's Syndrome' In: The 5-Minute Clinical Consult 2013, 21<sup>st</sup> Edition (p. TBD). Ed: Domino FJ, Baldor RA, Golding J, Grimes JA, Scott Taylor J. Lippincott Williams & Wilkins, Philadelphia, PA, 2012.
7. Chute T\*, **Moore Simas TA.** 'Pemphigoid (Herpes) Gestationis' In: The 5-Minute Clinical Consult 2013, 22<sup>nd</sup> Edition (p. TBD). Ed: Domino FJ, Baldor RA, Golding J, Grimes JA, Scott Taylor J. Lippincott Williams & Wilkins, Philadelphia, PA, To be published 2013.
8. Chute T\*, **Moore Simas TA.** 'Sheehan's Syndrome' In: The 5-Minute Clinical Consult 2013, 22<sup>nd</sup> Edition (p. TBD). Ed: Domino FJ, Baldor RA, Golding J, Grimes JA, Scott Taylor J. Lippincott Williams & Wilkins, Philadelphia, PA, To be published 2013.

### Non-peer reviewed publications

- a. Physicians for Human Rights. (2007). *Deadly Delays – Maternal Mortality in Peru – A Rights-Based Approach to Safe Motherhood*. United States: Physicians for Human Rights. (Contributing Author).
- b. **Moore Simas TA**, Ockene JK. *Leadership Development for Enhancement of Recruitment and Retention—The University of Massachusetts Medical School (UMMS) Leadership Speaker Series*. AAMC GWIMS Watch Quarterly Newsletter (Summer 2012).
- c. **Moore Simas TA**, Lundquist R, Martin E. *Recognizing and Awarding the Accomplishments of Women Faculty at the University of Massachusetts Medical School* AAMC GWIMS Watch Quarterly Newsletter (Fall 2012).

### Presentations & Abstracts (\*denotes mentee)

#### Published Abstracts

1. Nadkarni S, **Moore Simas T**, Solitro M, Frost S\*, Crawford S, Maynard SE. Circulating placental growth factor (PIGF) is increased in pregnant smokers as compared with pregnant nonsmokers. *J Am Soc Nephrol* 17 (2006), 216A.
2. Solitro M, **Moore Simas T**, Frost S\*, Nadkarni S, Crawford S, Maynard SE. Circulating soluble FMS-Like Tyrosine Kinase (sFlt1) is increased in twin versus singleton pregnancies. *J Am Soc Nephrol* 17 (2006), 428A.
3. Frost S\*, **Moore Simas T**, Solitro M, Crawford S, Maynard SE. Circulating Soluble FMS-like Tyrosine Kinase 1 (sFlt1) is Increased in Primiparas versus Multiparas. *Am J Obstet Gynecol* 195 (2006), S131.

4. **Moore Simas T**, Solitro M, Frost S\*, Nadkarni S, Meyer B, Maynard SE. Circulating Soluble FMS-like Tyrosine Kinase 1 (sFlt1) is Increased in High-Risk Women who Develop Preeclampsia. *Am J Obstet Gynecol* 195 (2006), S128.
5. **Moore Simas T**, Rahman S\*, Hunt-Okolo S\*, Meyer B. Women's Abuse Screening Tool (Short) improves Intimate Partner Violence detection during Pregnancy. *Obstet Gynecol* 109(4) (2007), 62S.
6. **Moore Simas T**, Quesenberry Marfori C\*, Meyer B. Racial/ethnic differences in perineal lacerations at time of vaginal delivery in nulliparas. *Obstet Gynecol* 109(4) (2007), 85S.
7. Hardy JR, Crawford SL, **Moore Simas TA**, Pagoto S. Discontinuation of antidepressant medications in pregnancy and postpartum suicide risk: A population-based cohort of 81,975 women {Results}. *Pharmacoepidemiol Drug Saf*, 2007: Vol 16 Supp 2 (S74).
8. Papa D\*, Reynolds M\*, **Moore Simas TA**. Assessing the Role of Education in Women's Knowledge and Acceptance of Adjunct High Risk Human Papillomavirus Testing for Cervical Cancer screening. *J Lower Genital Tract Disease* 12(2) (2008), 174.
9. Hardy J, **Moore Simas TA**, Thacker N\*, Pagoto S, Crawford S. Population based prevalence of maternal depression in prepregnancy, pregnancy & postpartum periods. *Obstet Gynecol* 111(4) (2008).
10. Dolan S\*, **Moore Simas T**, Tyler C\*, Delpapa E, Pechet L. Screening Tests for Disseminated Intravascular Coagulation (DIC): Clinical vs. Laboratory Diagnosis. *Obstet Gynecol* 111(4) (2008), 102S.
11. Moffitt M\*, Hardy J, **Moore Simas T**, Rosal M, Bodenlos J, Crawford S. Evaluation of Adherence to Institute of Medicine (IOM) Weight Gain in Pregnancy Guidelines by BMI. *Obstet Gynecol* 111(4) (2008), 97S.
12. Hardy JR, Zhang Y, **Moore Simas TA**. Sex ratio changes and increasing maternal obesity. *Birth Defects Research – Part A* 82(5) (2008), 368.
13. **Moore Simas TA**, Hardy JR, Zhang Y. Association Between Maternal Pre-Pregnancy BMI, Gestational Weight Gain And Growth Affected Neonates. *Birth Defects Research – Part A* 82(5) (2008), 367.
15. Garrison A\*, **Moore Simas TA**, Liao X, Howard A, Hardy J. Changes in Guidelines – Migration Patterns in BMI and Gestational Weight Gain Adherence and Associations with Growth Affected Neonates. *Reproductive Sciences* March 2011: Vol 18 No 3 (Supplement), O-073.
16. **Moore Simas TA**, Maynard S, Liao X. BMI, Gestational Weight Gain & Angiogenic Biomarker Profiles for Preeclampsia Risk. *Reproductive Sciences* March 2011: Vol 18 No 3 (Supplement), T-019.
21. Maynard S, Crawford S, Bathgate S, Yang J, Robidoux L, Moore M, **Moore Simas T**. Mid-gestation Angiogenic Biomarker Levels are Increased in Women at High Risk for Preeclampsia. *Reproductive Sciences* March 2012: Vol 19, No 3 (Supplement), T-326.
22. **Moore Simas T**, Crawford S, Bathgate S, Yang J, Robidoux L, Moore M, Maynard S. Angiogenic Biomarkers are Altered prior to Preeclampsia Onset in High Risk Women. *Reproductive Sciences* March 2012: Vol 19, No 3 (Supplement), T-327.
23. Callaghan K,\* BuAbbud A,\* Liao X, **Moore Simas TA**. Gestational Weight Gain prior to Glucola and Risk of Gestational Diabetes Mellitus. *Reproductive Sciences* March 2012: Vol 19, No 3 (Supplement), F-256.

24. **Moore Simas TA**, Gealakman O, Zhang N, Rosal M, Lee M, Corvera S. Adipose tissue architecture and gestational weight gain in normoglycemic pregnancies. *Reproductive Sciences* March 2013: xx.

## Invited Presentations

### Oral Presentations

- Antenatal Corticosteroids in the Late Preterm Period*, Grand Rounds December 2012  
Lecturer, Department of Obstetrics and Gynecology,  
Saint Vincent's Hospital, Worcester Medical Center, Worcester, MA (50 attendees)
- New Gestational Weight Gain Guidelines: BMI and GWG Migration Patterns and Providers' Role in Optimization*, Lecturer, UMMS May 2011  
Symposium on Predicting, Altering & Optimizing the Cardio-metabolic Health  
And Weight of Mothers & Children – Pregnancy as a Crystal Ball, Worcester, MA  
(40 attendees)
- Pregnancy Planning – Optimizing Pregnancy Outcomes*, Lecturer, African April 2011  
Women's Health Fair, Worcester, MA (110 attendees)
- Weight Gain in Pregnancy: New Guidelines & Outcomes*, Grand Rounds March 2011  
Lecturer, Department of Family Medicine, UMass Medical School/UMass  
Memorial Health Care, Worcester, MA (40 attendees)
- Smoking Cessation in Pregnancy – a Hot Topic*, Grand Rounds September 2009  
Lecturer, Heywood Hospital, Gardner, MA (22 attendees)
- Factors within Worcester's African Community that Contribute to Pregnancy Outcomes and Infant Mortality*, Lecturer, Celebration of Women's History Month March 2009  
Diversity Program Event, UMass Medical School/UMass Memorial Health Care,  
Worcester, MA (40 attendees)
- Creating Awareness to Reduce the Infant Mortality Rate in Worcester*, Lecturer. October 2006  
The Nigerian American Organization of Worcester, Inc, Worcester, MA  
(40 attendees)
- Update in Contraception*, Grand Rounds Lecturer, Heywood Hospital, October 2006  
Gardner, MA (25 attendees)
- Pregnancy Planning in the 20's, 30's and 40's*, Lecturer, Informed Women June 2006  
Healthy Women, Westborough, MA (50 attendees)

## National/International Meetings

### Oral Presentations

- Illanes DS, Howard AE, Otto N, Grasman J, Young S, Matessich, September 15-17  
**Moore Simas TA**, Gaudette GR, Greiner D, Pins GD. *New Method for 2011*  
*Delivering Human Mesenchymal Stem Cells Utilizing Bipolymer Microthreads in SCID Mice*. American Urogynecologic Society 32<sup>nd</sup> Annual Meeting,  
Providence, RI
- Holland E\*, Liao X, **Moore Simas TA**. *Association between maternal* April 30-May 4

- prepregnancy BMI, gestational weight gain adherence and race/ethnicity.* 2011  
American College of Obstetrician Gynecologists (ACOG) 59<sup>th</sup> Annual Clinical Meeting, Washington, DC.
- Illanes DS, Otto NA, Grasman JM, Howard AE, Young SB, **Moore Simas TA**, Greiner DL, Pins GD. *Delivery of Stem Cells with Biopolymer Microthreads to Promote Pelvic Floor Regeneration in Mice.* 37<sup>th</sup> Annual Meeting of the Society of Gynecologic Surgeon's scientific meeting, San Antonio, TX. April 11-13 2011
- Andrade S, Boudreau D, Raebel, **Moore Simas TA**, Toh D, Syat, B, Dashevsky I, Platt, R. *Developing Validated Algorithms to Ascertain Medical Procedures Used during Pregnancy and Related Clinical Conditions.* 17<sup>th</sup> Annual Health Maintenance Organization Research Network (HMORN) Conference, Boston, MA. March 23-25 2011
- Garrison A\*, **Moore Simas TA**, Liao X, Howard A, Hardy J. *Changes in Guidelines – Migration Patterns in BMI and Gestational Weight Gain Adherence and Associations with Growth Affected Neonates.* Society for Gynecologic Investigation (SGI) 58<sup>th</sup> Annual Scientific Meeting, Miami Beach, FL. March 16-29 2011
- Moore Simas TA**, Anderson GM, Best KA. *When using the SmartPhone Becomes a Dumb Idea: Professionalism in the Technology Age.* Council on Resident Education in Obstetrics and Gynecology (CREOG) and Association of Professors of Obstetrics and Gynecology (APGO) Annual Meeting, Breakout presentation. San Antonio Hill, TX. March 9-12 2011
- Addis I, Lydic ML, **Moore Simas TA**. *Developing and Implementing a Resident Research Curriculum.* Council on Resident Education in Obstetrics and Gynecology (CREOG) and Association of Professors of Obstetrics and Gynecology (APGO) Annual Meeting, Breakout presentation. San Antonio Hill, TX. March 9-12 2011
- Berry RE, **Moore Simas TA**. *The Secrets of Group Mentoring - What You Don't Know Can't Help You.* Association of Professors of Obstetrics and Gynecology (APGO), 27<sup>th</sup> Faculty Development Seminar, Breakout presentation Amelia Island, FL. January 8-11 2011
- Moore Simas TA**. *Collaborations & Funding for Teaching PPH with On-line Modules & Simulation-Based Training.* Association of Professors of Obstetrics and Gynecology (APGO), 27<sup>th</sup> Faculty Development Seminar, Round table discussion. Amelia Island, FL. January 8-11 2011
- Moore Simas TA**, Berry R, Manning M. *Leveling the Learner: Improving the Learning in a Simulation Experience.* Council on Resident Education in Obstetrics and Gynecology (CREOG) and Association of Professors of Obstetrics and Gynecology (APGO) Annual Meeting, Orlando, FL. March 3-6 2010
- Moore Simas T**, Berry R, Riza L. *The Leveled Learner Simulation System.* Association of Professors of Obstetrics and Gynecology (APGO), 26<sup>th</sup> annual Faculty Development Seminar, Round table discussion, Manalapan, FL. January 10-13 2009
- Moore Simas T**, Fraga T, Berry R. *The Way Things Are vs. The Way They Should Be: Using Needs Assessment to Create Your Ideal Educational Environment.* Round table discussion. Association of Professors of Obstetrics and Gynecology (APGO), 25<sup>th</sup> Annual Faculty Development Seminar, Maui, HI. January 19-22 2008
- Hardy JR, Crawford SL, **Moore Simas TA**, Pagoto S. *Discontinuation of antidepressant medications in pregnancy and postpartum suicide risk: A* August 2007

*population- based cohort of 81,975 women {Results}. 23<sup>rd</sup> International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Quebec City, Canada.*

**Moore Simas T**, Theroux R, Caggiano M, Klar R. *Women as health care leaders: From grass roots to policy change.* Medical Women's International Association (MWIA), 27<sup>th</sup> MWIA Congress, Accra, Ghana. July 2007

**Moore Simas T**, Theroux R, Caggiano M, Klar R. *Community perceptions of cultural factors and practices impacting perinatal outcomes among African Immigrants in Worcester, MA, USA.* Medical Women's International Association (MWIA), 27<sup>th</sup> MWIA Congress, Accra, Ghana. July 2007

Hardy JR, Crawford SL, **Moore Simas TA**, Pagoto S. *Discontinuation of Antidepressant Medications in pregnancy and postpartum suicide risk: A population-based cohort of 81,975 women.* 40<sup>th</sup> Annual Society of Epidemiologic Research (SER) meeting, Boston, MA. June 2007

**Moore Simas TA.** *The role of Ob/Gyn in Humanitarian Assistance & Disaster Relief Missions.* Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN) Annual National Meeting, Salt Lake City, UT. June 2005

#### Poster Presentations (\* denotes mentee)

Hicks-Courant K,\* Davidson A,\* Levesque R,\* Zarella G, **Moore Simas TA**, Byatt N. *Depression, anxiety and quality of life in hospitalized high risk obstetrical patients.* American College of Obstetrics and Gynecology (ACOG) Annual clinical Meeting, New Orleans, LA. May 4-8, 2013

**Moore Simas TA**, Gealakman O, Zhang N, Rosal M, Lee M, Corvera S. *Adipose tissue architecture and gestational weight gain in normoglycemic pregnancies.* Society for Gynecologic Investigation (SGI) 60<sup>th</sup> Annual Scientific Meeting, Orlando, FL. March 20-23, 2013

**Moore Simas TA**, Byatt N, Muehlschlegel S, Zitzewitz J, Deligiannidis KM, Adhami S, Socolovsky M, Ockene JK, Thorndyke LE. *The UMMS Faculty Scholars Award: Reach for the Sky – Supporting & Advancing Faculty Growth During Time of Increased Family Care Responsibilities.* American Association of Medical Colleges (AAMC) Annual Meeting, San Francisco, CA. November 2-7, 2012

Byatt N, Biebel K, **Moore Simas T**, Lundquist R, Debourdes-Jackson G, Ziedonis D. *Perinatal Depression Treatment: OB/Gyn Providers' Perspectives On How Barriers Can Be Overcome.* North American Society for Psychosocial Obstetrics & Gynecology, Providence, RI. April 22-25 2012

Peters P, Clapham P, Derdeyn C, Gonzalez-Perez M, Musich t, Shattock R, **Moore Simas T.** *Non-macrophage-tropic HIV-1 R5 envelopes from acute or late stage Disease confer efficient infection of CD4+ T-cells and ectocervical explants but do not Infect DCs.* Frontiers in HIV Pathogenesis, Therapy and Eradication (x8), Keystone Symposia Global Health Series, Whistler, British Columbia. March 26-31 2012

Maynard S, Crawford S, Bathgate S, Yang J, Robidoux L, Moore M, **Moore Simas T.** *Mid-gestation Angiogenic Biomarker Levels are Increased in Women at High Risk for Preeclampsia.* Society for Gynecologic Investigation (SGI) 59<sup>th</sup> Annual Scientific Meeting, San Diego, CA. March 21-24, 2012

- Moore Simas T**, Crawford S, Bathgate S, Yang J, Robidoux L, Moore M, Maynard S. *Angiogenic Biomarkers are Altered prior to Preeclampsia Onset in High Risk Women.* Society for Gynecologic Investigation (SGI) 59<sup>th</sup> Annual Scientific Meeting, San Diego, CA. March 21-24, 2012
- Callaghan K,\* BuAbbud A,\* Liao X, **Moore Simas TA.** *Gestational Weight Gain Prior to Glucola and Risk of Gestational Diabetes Mellitus.* Society for Gynecologic Investigation (SGI) 59<sup>th</sup> Annual Scientific Meeting, San Diego, CA. March 21-24 2012
- Moore AG, Young H, Keller JM, Ojo LR, Yan J, **Moore Simas TA**, Maynard SE. *Angiogenic Biomarkers for Prediction of Maternal and Neonatal Complications in Suspected Preeclampsia.* Society of Maternal Fetal Medicine 32<sup>nd</sup> Annual Meeting, Dallas, TX. February 6-11 2012
- Byatt N, Biebel K, **Moore Simas T**, Lundquist R, Debourdes-Jackson G, Ziedonis D. *Perinatal Mental Health Treatment: OB/Gyn's Perspective on How Barriers Can Be Overcome.* Academy of Psychosomatic Medicine Annual Meeting, Phoenix, AZ. November 16-19 2011
- Ng M,\* Duderewicz E,\* Harris B,\* Jenkins T,\* Miyauchi,\* Tulu B, Agu E, **Moore Simas TA**, Rosal M. *Mom-O-Meter: A self-help pregnancy Android Application.* American Medical Informatics Association (AMIA) Annual Symposium on Biomedical and Health Informatics, Washington, DC. October 22-26 2011
- Pilzek A\*, Liao X, Howard AE, Weber LeBrun EE, **Moore Simas TA.** *Obstetrical Perineal Lacerations: Incidence and Risk Factors at UMass Memorial 2006-2010.* American Urogynecologic Society 32<sup>nd</sup> Annual Meeting, Providence, RI. September 15-17 2011
- Lake A,\* Howard A, Liao X, Illanes D, **Moore Simas T**, Young S. *Objective Outcomes of Extended Perineorrhaphy and Modified LeFort Colpocleisis Performed between 1999 and 2010.* American Urogynecologic Society 32<sup>nd</sup> Annual Meeting, Providence, RI. September 15-17 2011
- Felice ME, McLaughlin T, Aupont O, **Moore Simas T**, Adams J, Churchill L, Tsiminetzky M, Sepavich D, Ogneva-Himmelberger Y, Downs T, Goble R. *Framework for selecting a representative sample of providers in implementing Provider-Based Sampling and Recruitment for the NCS in Worcester County.* National Institute of Health's National Children's Study Research Day, Washington, DC. August 24 2011
- Ogneva-Himmelberger Y, Downs TJ, Goble R, Taylor O, Aupont O, **MooreSimas T** Adams J, Churchill L, Sepavich D, McLaughlin T, Felice ME. *Vulnerability- Based stratified random sample of 100% of Providers/Catchments/Eligible Women Patients in Worcester County.* National Institute of Health's National Children's Study Research Day, Washington, DC. August 24, 2011
- Moore Simas TA**, Szegda K, Liao X, Markenson G, Chasan-Taber L. *Cigarette smoking and risk of gestational diabetes mellitus in a cohort of Hispanic women.* 24<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER), Montreal, Quebec, Canada. June 20-21, 2011
- Moore Simas TA**, Szegda K, Liao X, Markenson G, Chasan-Taber L. *Cigarette smoking and risk of gestational diabetes mellitus in a cohort of Hispanic women.* 3<sup>rd</sup> annual North American Congress of Epidemiology, June 21-24, 2011



Montreal, Quebec, Canada.

- Holland E\*, Liao X, Doyle Curiale D\*, **Moore Simas TA**. *Prepregnancy BMI vs. BMI at First Prenatal Visit – Effect on Gestational Weight Gain Advice*. American College of Obstetrician Gynecologists (ACOG) 59<sup>th</sup> Annual Clinical Meeting, Washington, DC. April 30 - May 4 2011
- Moore Simas TA**, Maynard S, Liao X. *BMI, Gestational Weight Gain & Angiogenic Biomarker Profiles for Preeclampsia Risk*. Society for Gynecologic Investigation (SGI) 58<sup>th</sup> Annual Scientific Meeting, Miami Beach, FL. March 16 - 29 2011
- Lucero ML, Liao X, **Moore Simas TA**, Howard AE, Young SB, Shah AD. *Symptom Distress and Life Impact Following Posterior Repair*. American Urogynecologic Society (AUGS) 31<sup>st</sup> Annual Scientific Meeting, Long Beach, CA. September-October 2010
- Barron K\*, **Moore Simas TA**, Hardy J, Liao X, Habecker E. *Vaginal versus Cesarean Delivery: Changes in Patient Preference Before and After Delivery*. American College of Obstetrics and Gynecology (ACOG) 58<sup>th</sup> Annual Clinical Meeting, San Francisco, CA. May 2010
- Kumaraswami T\*, Hardy J, Lundquist R, **Moore Simas TA**, Burpee S, Howe A, Seligowski A. *RCT of the Impact of an Educational Intervention on Help-seeking Behaviors for Postpartum Depression*. American College of Obstetrics and Gynecology (ACOG) 58<sup>th</sup> Annual Clinical Meeting, San Francisco, CA. May 2010
- Tassone G\*, **Moore Simas TA**, Berry R, Hardy J. *Gestational Weight Gain – How to ‘Institute’ New Guidelines*. American College of Obstetrics and Gynecology (ACOG) 58<sup>th</sup> Annual Clinical Meeting, San Francisco, CA. May 2010
- Pasquale S, Riza L, McGee S, **Moore Simas T**, Berry R. *Teaching Technical Procedures: A Blueprint for Designing and Implementing a Blended Learning Curriculum*. Association of American Medical Colleges (AAMC) Annual Meeting, Boston, MA. November 6-11 2009
- Barron KI\*, **Moore Simas TA**, Hardy JR, Zhang Y. *Vaginal versus Cesarean: Obstetric Patients’ Preferences Regarding Mode of Delivery*. American College of Obstetrics and Gynecology (ACOG) 57<sup>th</sup> Annual Clinical Meeting, Chicago, IL. May 2-6 2009
- Barlow E\*, **Moore Simas TA**, Hardy JR, Zhang Y, Jackson S. *Predictors of Postpartum Weight Retention in Adolescent Pregnancy*. American College of Obstetrics and Gynecology (ACOG) 57<sup>th</sup> Annual Clinical Meeting, Chicago, IL. May 2-6 2009
- Doyle D\*, **Moore Simas TA**, Hardy JR, Zhang Y, Jackson S. *Gestational weight gain advice: are we providing IOM and ACOG recommended guidelines?* American College of Obstetrics and Gynecology (ACOG) 57<sup>th</sup> Annual Clinical Meeting, Chicago, IL. May 2-6 2009
- Whitman K\*, Demone J\*, Meyer B, **Moore Simas TA**. *Obstetric Interventions and Outcomes in Pregnancies Following Loop Electrosurgical Excision Procedure (LEEP)*. American College of Obstetrics and Gynecology (ACOG) 57<sup>th</sup> Annual Clinical Meeting, Chicago, IL. May 2-6 2009
- Moore Simas TA**, Berry R, Manning MJ, Riza L, Pasquale SJ. *A Comprehensive Blended Learning Curriculum for Teaching the Management of Postpartum Hemorrhage*. Association of Professors of Gynecology and Obstetrics (APGO) Council on Residency Education in Obstetrics and Gynecology (CREOG) Annual Meeting. March 1-14 2009

Meeting, San Diego, CA.

- Bur L, **Moore Simas T**, Crawford S, Solitro M, Meyer B, Maynard SE. *Soluble endoglin for the prediction of preeclampsia in high-risk women*. American Society of Nephrology 41<sup>st</sup> Annual Meeting, Philadelphia, PA (F-PO1198). November 7 2008
- Hardy JR, Zhang Y, **Moore Simas TA**. *Association Between Maternal Pre-Pregnancy BMI, Gestational Weight Gain And Growth Affected Neonates*. Teratology Society 48<sup>th</sup> Annual Meeting and Scientific Sessions, Monterey, CA. June 30 2008
- Moore Simas T**, Hardy JR, Zhang Y. *Sex ratio changes and increasing maternal obesity*. Teratology Society 48<sup>th</sup> Annual Meeting and Scientific Sessions, Monterey, CA. June 30, 2008
- Moore Simas T**, Hardy J, Thacker N, Pagoto S, Crawford S. *Population-Based Prevalence of Maternal Depression in Pre-pregnancy, Pregnancy & Postpartum Periods*. American College of Obstetrics and Gynecology (ACOG) 56th Annual Clinical Meeting, New Orleans, LA. May 3-7 2008
- Moffitt M\*, Hardy J, **Moore Simas T**, Rosal M, Bodenlos J, Crawford S. *Evaluation of Adherence to Institute of Medicine (IOM) Weight Gain in Pregnancy Guidelines by BMI*. American College of Obstetrics and Gynecology (ACOG) 56th Annual Clinical Meeting, New Orleans, LA. May 3-7 2008
- Dolan S\*, **Moore Simas T**, Tyler C\*, Delpapa E, Pechet L. *Screening Tests for Disseminated Intravascular Coagulation (DIC): Clinical vs. Laboratory Diagnosis*. American College of Obstetrics and Gynecology (ACOG) 56th Annual Clinical Meeting, New Orleans, LA. May 3-7 2008
- Hardy J, **Moore Simas TA**, Thacker N\*, Pagoto S, Crawford S. *Population based prevalence of maternal depression in prepregnancy, pregnancy & postpartum periods*. American College of Obstetrics and Gynecology (ACOG) 56th Annual Clinical Meeting, New Orleans, LA. May 3-7 2008
- Rosal MC, Bodenlos J, Crawford S, Leung K, **Moore Simas T**, Sankey H. *Depression and gestational weight gain among low-income Hispanic and White non-Hispanic women*. Society of Behavioral Medicine's 29<sup>th</sup> Annual Meeting and Scientific Sessions, San Diego, CA. March 26-29 2008
- Papa D\*, Reynolds M\*, **Moore Simas TA**. *Assessing the Role of Education in Women's Knowledge and Acceptance of Adjunct High Risk Human Papillomavirus Testing for Cervical Cancer screening*. 2008 Biennial American Society of Colposcopists and Cervical Pathologists (ASCCP) Meeting, Orlando, FL. March 2008
- Berry R, **Moore Simas T**, Fraga T. *Reading and Residents: Taking Accountability for What We Know vs. What Have We Assumed*. CREOG/APGO Annual Meeting, Lake Buena Vista, FL. March 3-8 2008
- Moore Simas T**, Quesenberry Marfori C\*, Meyer B. *Racial/ethnic differences in perineal lacerations at time of vaginal delivery in nulliparas*. American College of Obstetrics and Gynecology (ACOG) 2007 Annual Clinical Meeting, San Diego, CA. May 5-9 2007
- Moore Simas T**, Rahman S\*, Hunt-Okolo S\*, Meyer B. *Women's Abuse Screening Tool (Short) improves Intimate Partner Violence detection during Pregnancy*. American College of Obstetrics and Gynecology (ACOG) 2007 Annual Clinical Meeting, San Diego, CA. May 5-9 2007

- Moore Simas T**, Solitro M, Frost S\*, Nadkarni S, Meyer B, Maynard SE. February 5-10  
*Circulating Soluble FMS-like Tyrosine Kinase 1 (sFlt1) is Increased in High-Risk*  
*Women who Develop Preeclampsia.* Society Maternal Fetal Medicine (SMFM)  
 27<sup>th</sup> Scientific Meeting, San Francisco, CA. 2007
- Frost S\*, **Moore Simas T**, Solitro M, Crawford S, Maynard SE. February 5-10  
*Circulating Soluble FMS-like Tyrosine Kinase 1 (sFlt1) is Increased in Primiparas versus*  
*Multipara.* Society Maternal Fetal Medicine (SMFM) 27th Scientific Meeting,  
 San Francisco, CA. 2007
- Solitro M, **Moore Simas T**, Frost S\*, Nadkarni S, Crawford S, Maynard SE. November 14-19  
*Circulating soluble FMS-Like Tyrosine Kinase (sFlt1) is increased in twin*  
*versus singleton pregnancies.* American Society of Nephrology (ASN)  
 Renal Week, San Diego, CA. 2006
- Nadkarni S, **Moore Simas T**, Solitro M, Frost S\*, Crawford S, Maynard SE. November 14-19  
*Circulating placental growth factor (PlGF) is increased in pregnant smokers*  
*as compared with pregnant nonsmokers.* American Society of Nephrology  
 (ASN) Renal Week, San Diego, CA. 2006
- Maynard SE, **Moore Simas T**, Solitro M, et al. 2005  
*Circulating soluble FMS-like*  
*tyrosine kinase-1 (sFlt1) is increased in twin versus singleton pregnancies –*  
*preliminary data.* Annual Meeting of the National Society for the Study of  
 Hypertension in Pregnancy; Wheeling, WV.
- Moore T** and Young S. October 6-9  
*Extended Perineorrhaphy for Severe Prolapse in*  
*Elderly Women.* American College of Obstetrics and Gynecology (ACOG)  
 District I Annual Meeting, Bermuda. 2002

## Local/Regional Meetings

### Oral Presentations

- Moore Simas TA.** PPODS: *Pregnancy & Postpartum Observational Dietary Study.* May 20, 2011  
 University of Massachusetts Medical School 2<sup>nd</sup> Annual Clinical and Translational  
 Science Research Retreat, Shrewsbury, MA.  
[http://escholarship.umassmed.edu/cts\\_retreat/2011/presentations/7](http://escholarship.umassmed.edu/cts_retreat/2011/presentations/7)
- Illanes DS, Howard AE, Otto NA, Grasman JM, Young SB, **Moore Simas TA**,  
 Gaudette GR, Greiner DL, Pins GD. May 13, 2011  
*Surgical Methods for Delivering hMSCs*  
*utilizing Biopolymer Microthreads in SCID Mice.* New England Surgical Society's  
 18<sup>th</sup> Annual Surgical Resident and Fellow Research Presentation Day, Boston,  
 MA.
- Garrison A\*, **Moore Simas TA**, Liao X, Tassone G, Howard AE, Hardy JR. October 2010  
*Changes*  
*In Institute of Medicine Guidelines – Migration patterns in Maternal Pre-Pregnancy*  
*BMI Gestational Weight Gain Adherence and Associations with Growth Affected*  
*Neonates.* New England Conference Perinatal Research, Chatham, MA.
- Lucero ML\*, Liao X, **Moore Simas TA**, Howard AE, Young SB, Shah AD. July 15, 2010  
*Symptom Distress and Life Impact Following Posterior Repair.* Massachusetts  
 section of American Congress of Obstetrics and Gynecology (MA-ACOG) –  
 Annual Meeting and Education Program, Waltham, MA.
- Garrison A\*, **Moore Simas TA**, Liao X, Tassone GM, Howard AE, Hardy JR. July 15, 2010  
*Changes in Institute of Medicine Guidelines – Migration Patterns in Maternal*

*Pre-pregnancy BMI and Gestational Weight Gain Adherence and Associations with Growth Affected Neonates.* Massachusetts section of American Congress of Obstetrics and Gynecology (MA-ACOG) – Annual Meeting and Education Program, Waltham, MA.

Whitman K\*, Demone J\*, Meyer B, **Moore Simas TA.** *Obstetric Interventions and Outcomes in Pregnancies Following Loop Electrosurgical Excision Procedure (LEEP)* Massachusetts section of American College of Obstetrics and Gynecology (MA-ACOG) – Annual Meeting and Education Program, Waltham, MA. July 8, 2009

Hardy JR, Crawford SL, **Moore Simas TA,** Pagoto S. *Discontinuation of antidepressant medications in pregnancy and postpartum suicide risk: A population-based cohort of 81,975 women.* 40<sup>th</sup> annual Society of Epidemiologic Research (SER) meeting, Boston MA. June 2007

#### Poster Presentations (\* denotes mentee)

**Moore Simas TA,** Maynard SE, Liao X. *BMI, Gestational Weight Gain and Angiogenic Biomarker Profiles for Preeclampsia Risk.* University of Massachusetts Medical School 2<sup>nd</sup> Annual Clinical and Translational Science Research Retreat, Shrewsbury, MA. [http://escholarship.umassmed.edu/cts\\_retreat/2011/posters/11](http://escholarship.umassmed.edu/cts_retreat/2011/posters/11) May 20, 2011

**Moore Simas TA,** Garrison A, Liao X, Tassone G, Howard AE, Hardy JR. *Changes in Institute of medicine Guidelines – Migrations Patterns in Maternal Pre-Pregnancy BMI and Gestational Weight Gain Adherence and Associations With Growth Affected Neonates.* University of Massachusetts Medical School 1st Annual Clinical and Translational Science Research Retreat, Shrewsbury, MA. May 2010

**Moore Simas TA,** Solitro M, Frost S, Nadkarni, Crawford S, Meyer B, Maynard SE. *Circulating Soluble FMS-Like Tyrosine Kinase 1 (sFlt1) is Increased in High-Risk Women Who Develop Preeclampsia.* University of Massachusetts Medical School 1st Annual Clinical and Translational Science Research Retreat, Shrewsbury, MA. May 2010

Tassone G\*, **Moore Simas TA,** Berry R, Liao X. *Gestational Weight Gain – How to 'Institute' New Guidelines.* University of Massachusetts Medical School Senior Scholars Program, Worcester, MA. <http://escholarship.umassmed.edu/ssp/110/> May 2010

Barnes KC\*, **Moore Simas TA,** Liao X. *Gestational Weight Gain: Patients' Attitudes, Behaviors and Recalled Provider Advice.* University of Massachusetts Medical School Senior Scholars Program, Worcester, MA. May 2010

Whitman K\*, Demone J\*, Meyer B, **Moore Simas TA.** *Obstetric Interventions and Outcomes in Pregnancies Following Loop Electrosurgical Excision Procedure (LEEP).* Massachusetts Medical Society, 4<sup>th</sup> Annual Research Poster Symposium, Waltham, MA. April 25, 2009

Barron KI\*, **Moore Simas TA,** Hardy JR, Zhang Y. *Vaginal versus Cesarean: Obstetric Patients' Preferences Regarding Mode of Delivery.* American College of Obstetrics and Gynecology (ACOG) District I Annual Meeting, Waltham, MA. July 7, 2009

Seligowski A\*, Burpee S\*, Kumaraswami T\*, Howe A, Jackson S, **Moore Simas T,** Lundquist R, Hardy J. *Does an Educational Intervention in the Immediate Postpartum Period Increase Postpartum Depression Help-Seeking Behaviors?* University of Massachusetts Medical School, Psychiatry Department Research Conference, Worcester, MA. October 2008

Reynolds M*, Papa D*, Melnitsky H, <b>Moore Simas T.</b> <i>Assessing the Role of Education in Women's Knowledge and Acceptance of Adjunct HPV Testing for Cervical Cancer Screening.</i> University of Massachusetts Medical School Senior Scholars Program, Worcester, MA.	April 2007
<b>Moore Simas T,</b> Theroux R, Caggiano M, Klar R. <i>Community Perceptions of Cultural Factors and Practices Impacting Perinatal Outcomes among African Immigrants in Worcester, MA, USA.</i> University of Massachusetts Medical School Global Health Symposium, Worcester, MA.	June 2007
<b>Moore T,</b> Orr R. <i>Breast Cancer and Hormone Replacement Therapy.</i> University of Massachusetts Medical School Summer Research Program, Worcester, MA.	September 1997
<b>Moore T.</b> <i>Teenage Pregnancy in Lawrence, MA.</i> University of Massachusetts Medical School Community Clerkship Program, Worcester, MA.	October 1996

## Committee Assignments and Administrative Service

### National

Communications Subcommittee, Group on Women in Medicine in Science (Member), Association of American Medical Colleges (AAMC)	2012 - Present
Group on Women in Medicine in Science (Member), Association of American Medical Colleges (AAMC)	2012 - Present

### Regional

District I Advisory Council (Young Physician, Fellow at Large), American College of Obstetrician and Gynecologists (ACOG)	2012 - Present
MA Governor Deval Patrick's Specially Commissioned Task Force on Postpartum Depression, established in Chapter 313 of Acts of 2010, (MA ACOG Representative)	2011 - Present
Committee on Maternal and Perinatal Welfare (Vice-Chairman), Massachusetts Medical Society	2009 - 2012
Committee on Maternal and Perinatal Welfare, Public Health Committee (Representative) Massachusetts Medical Society	2008 - 2012
Data Subcommittee of Perinatal Advisory Committee (Member), Mass DPH	2006 - 2012
Perinatal Advisory Committee (MMS Representative), Mass DPH	2006 - 2012
Worcester Infant Mortality Reduction Task Force (Ob/Gyn Representative)	2005 - 2012
Committee on Maternal and Perinatal Welfare (Member), Massachusetts Medical Society	2003 - 2009
American College of Obstetrics & Gynecology (Secretary/Treasurer), Junior Fellow District I	2003 - 2004

### Institutional

Sloan/ACE Foundation Faculty Flexibility Task Force (Junior Faculty Representative), UMMS	2012
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Executive & Leadership Council, (Faculty Council Secretary Representative), UMMS	2011 - Present
Faculty Council Rules Committee, (Faculty Council Secretary Representative), UMMS	2011 - Present
Faculty Council, (Secretary), UMMS	2011 - Present
LCME Accreditation Institutional Self-Study Task Force, Faculty Governance Subcommittee, (Member), UMMS	2011 - 2012
Obstetric Pre-Op Anesthesia Task Force, (Ob/Gyn Representative), UMMS	2011 - 2012
1 <sup>st</sup> Community of Scholars Symposium, (Event Organizer), UMMS CCTS, <i>Predicting, Altering &amp; Optimizing the Cardio-metabolic Helath and Weight of Mothers &amp; Children – Pregnancy as a Crystal Ball</i>	2010 - 2011
Educational Policy Committee, (Elected Faculty Member at Large), UMMS	2010 - Present
Faculty Council, (Ob/Gyn Representative), UMMS	2009 - Present
Ob/Gyn Website Design Committee, (Member), UMMS	2009 - 2012
Faculty Flex Program, (Member), UMMS	2009 - 2011
Committee on Assessment Research and Evaluation (CARE), (Member), Sub-group for LInC (Learner-centered INtegrated Curriculum)	2009 - 2012
Basic Scientist Search Committee, ( <b>Chairman</b> ), Dept Ob/Gyn, UMMS	2009 - 2010
Surgical Site Infection Committee, Dept Ob/Gyn, (Member), UMMS	2009 - 2010
Curriculum Sub-group for the Learning Communities Design Team LInC (Learner-centered INtegrated Curriculum), (Member), UMMS	2009
Search Committee for the Vice Provost of Faculty Affairs (VPFA), (Member), UMMS	2008 - 2009
Women's Faculty Committee, (Ob/Gyn Representative), UMMS	2012 - Present 2008 – 2009
Research Committee, ( <b>Chairman</b> ), Dept Ob/Gyn, UMMS	2007 - Present
Public Service Working Group, (Member), UMMS/UMMHC	2007 - 2008
Scientific Council, (Ob/Gyn Representative), UMMS	2006 - 2012
Hemostasis and Thrombosis Task Force, (Ob/Gyn Representative), UMMS	2005 - 2007
Research Committee, (Member), Dept Ob/Gyn, UMMS	2005 - 2007
International Women's Health Committee, ( <b>Chairman</b> ), Dept Ob/Gyn, UMMS	2005 - 2007
Community Women's Care Committee, (Member), Dept Ob/Gyn, UMMS	2005 - 2007
Medical Education Committee, (Member), Dept Ob/Gyn, UMMS	2003 - Present
Residency Curriculum and 80-Hour Work Week, (Class Representative), UMMS	2002 - 2004

Graduate Medical Education Committee, (Ob/Gyn Representative), UMMS	2002 - 2003
Ob/Gyn Medical Student Interest Group, (Co-Coordinator/Resident Liaison), UMMS UMMS	2001 - 2003
Class of 2000 Professional Oath Committee, (Member), UMMS	Fall 1997

## Community Service

### International /National

Worcester Infant Mortality Task Force, (Representative), Educational and Fact-finding mission to inform disparities in infant mortality rates to African-immigrants of Worcester, Accra, Ghana	July 2010
International Ministries Earthquake Disaster Relief and Humanitarian Assistance Mission, (Obstetrics & Gynecology Volunteer), Port-au-Prince, Haiti	February 2010
American Friends of Kenya (AFK), Women's Health Humanitarian Mission, (Obstetrics & Gynecology Volunteer), Nairobi, Kenya	August 2009
Physician's for Human Rights (PHR) Maternal Mortality Investigation, (Obstetrics & Gynecology Consultant), Huancavelica, Peru	January 2007
Pumwani Maternity Hospital, (Medical Consultant), Nairobi, Kenya	April 2006
Project HOPE & US Navy Tsunami & Earthquake Disaster Relief and Humanitarian Assistance Mission USNS Mercy, (Volunteer Obstetrician-Gynecologist), Nias Island, Indonesia	April 2005

### Regional/Local

Akwaaba Community Free Health Clinic, Worcester, Massachusetts, (Gynecologist)	2008 - 2010
Dept Ob/Gyn Medical Text Book Drive Distributed by International Medical Equipment Collaborative (IMEC), (Coordinator)	2005 - 2006
University of Massachusetts Outreach Program, (Visiting Scientist)	1999 - 2002
Albanian Refugee Relief Collection for Balkan Missions Outreach Program, (Co-Coordinator)	1999
Serving the Underserved, UMMS, (Volunteer)	1996 - 2000
Green Island Community Center Free Health Care Clinic, Worcester, MA, (Co-Coordinator)	1996 - 1998
Epworth Church Free Medical Clinic, Worcester, MA, (Volunteer)	1996 - 1998
Mustard Seed Soup Kitchen, Worcester, MA, (Volunteer/Donor)	1996 - 2000
American Heart Association, (Cardiopulmonary Resuscitation Instructor)	1995 - 1998
Clark Outreach Unified Neighborhood Team (COUNT), (Tutor)	1995 - 1996
Health Services Advisory Board, Clark University, (Student Representative)	1995 - 1996

Emergency Medical Services Squad, Clark University, (President)	1992 - 1996
Blackstone Recycles, (Co-Coordinator)	1992 - 1996
Blackstone-Milville Food Pantry, (Co-Coordinator)	1992 - 1996