**M. Camille Hoffman, MD, MSCS, Associate Professor**

## OFFICE: Department of Obstetrics & Gynecology, Division of Maternal Fetal Medicine

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**STATEMENT:** My current clinical and research focus is investigating the mechanisms by which perinatal mood disorders and perinatal stress increase the risk for adverse pregnancy outcomes and impaired maternal-child physical and mental health. More broadly, I am dedicated to improving pregnancy wellness by trialing interventions that may be integrated into perinatal care to improve maternal-child mental health.

## EDUCATION & TRAINING

*August 1994-May 1998* Bachelor of Science (BS)*,* biology

University of South Carolina Honors College

Columbia, South Carolina

*August 1999-June 2003* Doctor of Medicine (MD)

Medical University of South Carolina (MUSC)

Charleston, South Carolina

*July 2003-June 2007* Residency Training

University of Miami Miller School of Medicine/Jackson Memorial Hospital

Department of Obstetrics and Gynecology

Miami, Florida

*July 2007-June 2010* Fellowshipin Maternal-Fetal Medicine (MFM)

University of Colorado Denver School of Medicine

Department of Obstetrics and Gynecology

Aurora, Colorado

*August 2013-July 2015* Masters in Clinical Sciences program (MSCS)

University of Colorado Anschutz Medical Campus Graduate School

Aurora, Colorado

*October 2010- October 2015* Women’s Reproductive Health Research (WRHR) Scholar, K12 AwardDenver Health & Hospital Authority

University of Colorado Department of Obstetrics and Gynecology

Denver, Colorado

*February 2016-present* Fellowship in Integrative Medicine

University of Arizona School of Medicine, Center for Integrative Medicine

Tucson, Arizona

**LICENSURE AND SPECIALTY BOARD CERTIFICATION**

*December 2008* Diplomate, American Board of Obstetrics and Gynecology (Obstetrics & Gynecology)

*April 2012* Diplomate, American Board of Obstetrics and Gynecology (Maternal Fetal Medicine)

Annual recertification: 2013, 2014, 2015, 2016, 2017

*June 2012* Fellow, American Congress of Obstetricians and Gynecologists

*July 2007-present* Colorado Medical license

**ACADEMIC APPOINTMENTS**

*July 2007-June 2010* **Instructor/Fellow**

Maternal Fetal Medicine

University of Colorado Anschutz Medical Campus

Aurora, CO

*August 2010-May 2017*  **Assistant Professor**

Obstetrics & Gynecology, Maternal Fetal Medicine

University of Colorado School of Medicine

Department of Obstetrics & Gynecology

*August 2014-May 2017* **Assistant Professor,** secondary appointment

University of Colorado School of Medicine

Department of Psychiatry

*June 2017-present*  **Associate Professor**

Obstetrics & Gynecology, Maternal Fetal Medicine

University of Colorado School of Medicine

Department of Obstetrics & Gynecology

*June 2017-present* **Associate Professor,** secondary appointment

University of Colorado School of Medicine

Department of Psychiatry

**HOSPITAL POSITIONS**

*August 2010-July 2016* **Medical Staff**, Obstetrics & Gynecology, Denver Health & Hospital Authority, Denver, Colorado

*November 2015-present* **Medical Director**, Lutheran Maternal Fetal Medicine clinic, Lutheran Medical Center, Wheat Ridge, Colorado

*November 2015-present* **Medical Staff**, St. Joseph Hospital Maternal Fetal Medicine, Saint Joseph Hospital, Denver, Colorado

*October 2017-present* **Medical Staff**, University of Colorado Hospital, Aurora, Colorado

## HONORS, RECOGNITION AND AWARDS

*2016* March of Dimes Colorado “Clifford J. Jack Philanthropic Leader of the Year”

*2015* Brain & Behavior Research Foundation “Sydney R. Baer, Jr.” Prize for innovative and promising schizophrenia research

*2015* Society for Maternal Fetal Medicine (SMFM) Academy for Leadership & Development graduate

*2015* Society for Maternal Fetal Medicine (SMFM), The Pregnancy Foundation “Garite Mini-Sabbatical” grant recipient

*2013-2014* Selected participant, Colorado Mentoring Training (Co-Mentor) Program

*2011-2013* March of Dimes Colorado public service announcement (PSA) spokesdoctor

*2010-present* Women’s Reproductive Health Research (WRHR)/NIH K12 Scholar

*2009* Selected participant, “Exxcellence in Faculty Development” program, Jackson Hole, WY

*2008* Selected participant, 20th Annual NICHD Conference on Maternal-Fetal-Neonatal- Reproductive Medicine, Aspen, Colorado

*2007* Distinguished Laparoscopy Award, University of Miami Department of Obstetrics and Gynecology

*2007* John Ford Award in Gynecologic surgery, University of Miami Department of Obstetrics and Gynecology

*2007* Mary Jo O’Sullivan Award in Obstetrics and Maternal Fetal Medicine, University of Miami

Department of Obstetrics and Gynecology

*2004, 05, 06* Outstanding Resident Teaching Award

*2006* American College of Obstetricians and Gynecologists 1st place oral presentation, Annual Clinical Meeting

*2004* George Paff Teaching Award, University of Miami School of Medicine

*2003* Outstanding Intern Teaching Award

*2003* Thomas M. Savage “*joie de vivre”* Memorial Award

1. Reproductive Health Externship Recipient- Medical Students for Choice

*2002* Elected into Alpha Omega Alpha Medical Honor Society

*2001* Interdisciplinary Presidential Scholar, Medical University of South Carolina (MUSC)

*2001* College of Medicine Rich Scholarship, (MUSC)

## *2001* College of Graduate Studies Summer Research Grant, (MUSC)

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### PROFESSIONAL ORGANIZATIONS

Alpha Omega Alpha (2002)

American Congress of Obstetricians and Gynecologists (ACOG) (2009)

Society for Maternal-Fetal Medicine (SMFM) (2012)

The International Marcé society for Perinatal Mental Health, executive board member and social media director (2016)

Perinatal Mental Health Society of North America, founding board member (2016), now Marcé of North America (MONA, 2017)

**NATIONAL & INTERNATIONAL SERVICE**

*2017-present* Marcé of North America (MONA), founding board member

*2017-present* ACOG Expert Working Group on Maternal Mental Health (EWGMMH) member

*2016-present* The International Marcé Society for Perinatal Mental Health, Executive Board member & Social Media Director

*2016-present* NICHD-National Child and Maternal Health Education Program (NCMHEP) Coordinating Committee Member, SMFM representative

*2016-present* Perinatal Mental Health Society of North America, founding board member

*2015-present* Council on Patient Safety in Women’s Health committee member, SMFM representative, “Maternal Mental Health: Depression and Anxiety” safety bundle

*2015-16* 2020 Mom Project, National Perinatal Mental Health policy organization, Board member

*2015-present* Society for Maternal Fetal Medicine Community Forums Perinatal Mental Health coordinator

*2015-present* peer-reviewer, Obstetrics & Gynecology, “The Green Journal”

*2015-present* peer-reviewer, American Journal of Psychiatry

*2014* Patient-Centered Outcomes Research Institute (PCORI) grant reviewer

*2013-present* peer-reviewer, American Journal of Reproductive Immunology

*2013-present* Society for Maternal Fetal Medicine “literature alert committee”

*2010-present* peer-reviewer, American Journal of Obstetrics & Gynecology, “The Gray Journal”

# STATE AND LOCAL COMMUNITY LEADERSHIP & SERVICE

*2018* Colorado Department of Public Health & Environment “Infant Mortality Summit” Steering Committee member

*2016* Rocky Mountain Public Broadcasting System (RMPBS), featured in documentary “Precious Loss” for research in racial disparities in perinatal stress, preterm birth, and African American Infant mortality

2016 Early Childhood Communication Collaborative (ECC) Colorado, Steering Committee member

2016 Colorado Department of Public Health & Environment Maternal Mental Health Workgroup

*2015-present* Colorado Department of Public Health & Environment Maternal Morbidity & Mortality Committee member

*2015-present* Denver Public Health Maternal & Infant Mental Health Advisory Board

*2015* Colorado Department of Public Health & Environment Preterm Birth Advisory Committee

*2014-2015* Colorado Department of Human Services Early Childhood Leadership Commission “Prenatal to Age 3” Committee member

*2014* Early Childhood Colorado Partnership, “Buffering Toxic Stress” research working group

*2014-2015* March of Dimes Colorado chapterDenver Mission Committee chair

*2014-2015* Colorado Multiple Institutional Review Board (COMIRB) Panel A & B consultant

*2011-2013* March of Dimes Colorado chapterDenver Program Services Committee chair

*2011-2012* March of Dimes “Healthy Babies are Worth the Wait” Colorado spokesdoctor

*2009* Medicine in Action care provider and Kilimanjaro climber, Tanzania, Africa

*2004-2007* The National Council on Strength & Fitness Corporation Board member

*2000-2003* Charleston County, South Carolina, Teen Pregnancy Prevention Council Co-founder

*2002-2003* Medical Students for Choice national secretary

*2001-2003* Medical Students for Choice national coordinator for the southeast

*2001* College of Medicine “Dean’s Preventive Care Lecture Series” Committee co-chair

*2000-2001* American Medical Women’s Association Volunteer Coordinator

*2000-2001* Students for Reproductive Health and Freedom president

*2000*  Spanish Immersion course (1 month), Quepos, Costa Rica

**REVIEW AND REFEREE WORK**

Grant review committees:

*2014-present* Patient Centered Outcomes Research Institute (PCORI) scientific reviewer

*2013, 2015, 2016, 2017* Colorado Clinical and Translational Sciences Institute (CCTSI) Child-Maternal Health Grant reviewer

*2010-present* Ad hoc reviewer forthe following journals: *Obstetrics & Gynecology, American Journal of Obstetrics & Gynecology, American Journal of Psychiatry, Psychoneuroendocrinology, Developmental Psychobiology, American Journal of Reproductive Immunology,*

*2013-present* Society for Maternal Fetal Medicine “literature alert committee”

#### INVITED INTERNATIONAL AND NATIONAL ORAL PRESENTATIONS

1. **Hoffman MC**, Jacques E, Cotter A, González-Quintero VH. Prenatal diagnosis and management of fetal hemangioma. American Institute of Ultrasound in Medicine annual meeting, Orlando FL, June 17, 2005.
2. **Hoffman MC**, Jeffers S, Carter J, Duthely L, Cotter A, González-Quintero VH. Is pregnancy after age 40 years associated with an increased risk of fetal demise? American College of Obstetrics & Gynecology annual meeting, Washington D.C. May 8, 2006. *First Prize presentation winner.*
3. **Hoffman MC**, D’Anna-Hernandez K, Ross R, Hobbins J, Laudenslager M. Fetal Adrenal Ultrasound: Non-invasive Prenatal Stress Assessment, 2012 Annual Meeting of the American Psychosomatic Society, Athens, Greece, March 2012.
4. **Hoffman MC**, Laudenslager ML, Ross RG, Hobbins JC. Maternal and Neonatal Hair Cortisol and Fetal Adrenal Ultrasound, Markers in the Pathway to Preterm Birth? 2012 Women’s Reproductive Health Research (WRHR) Symposium, University of Pennsylvania School of Medicine, Philadelphia, PA.
5. **Hoffman MC** How Maternal Hair Cortisol Relates to Gestational Age at Delivery, Perceived Stress, and Depressive and Anxious Symptoms in the Second Trimester, 2015 “MAP: Manuscripts, Abstracts and Papers” conference, Asher Center of Perinatal Psychiatry, Northwestern Feinberg School of Medicine, Chicago, IL.
6. **Hoffman MC,** Ross RG, Freedman R. Fetal Origins of Mental Illness and Wellness, 2015 Brain & Behavior Research Foundation *Sidney R. Baer, Jr.* Award for Innovative and Promising Schizophrenia Research presentation, New York, NY
7. **Hoffman MC**. An Obstetrician’s Perspective on Multigenerational Mental Health, 2015 Postpartum Support International Meeting, La Teppe, France.
8. **Hoffman MC**, Laudenslager ML, Ross RG. Gestational Age at Delivery is Mediated by Second Trimester Hair Cortisol, Maternal Stress, & Mood, 2015 2nd Annual Perinatal Mental Health meeting, Chicago, IL.
9. Danielson A., **Hoffman MC**. Creating the Link: Coordinating Inpatient & Community Resources for Patient, Family and Staff after a Severe Maternal Event, 2016 Council on Patient Safety in Women’s Health Care Safety Action Series, Washington, D.C.
10. **Hoffman MC**, Miller ES. What are the Real Risks of Antidepressant Medications in Pregnancy and the Postpartum Period? Society for Maternal Fetal Medicine 2016 Annual Meeting luncheon roundtable, Atlanta, GA.
11. **Hoffman MC.** *El origen fetal de la enfermedad mental y el bienestar*, VI Congreso Internacional de Medicina y Salud Mental del la Mujer, Medellin, Colombia, South America 2016.
12. **Hoffman MC.** *Impacto del estrés de ánimo sobre el parto pretérmino*, VI Congreso Internacional de Medicina y Salud Mental del la Mujer, Medellin, Colombia, South America 2016
13. **Hoffman MC**. Management of Mental Health in the Perinatal Setting: Tools for the Obstetrician’s Toolbox. Colorado Society of Obstetrics & Gynecology Summer meeting, Vail, CO 2016.
14. **Hoffman MC**, Miller ES. Management of Depression during Pregnancy and the Postpartum Period? Society for Maternal Fetal Medicine 2017 Annual Meeting luncheon roundtable, Las Vegas, NV.
15. **Hoffman MC**. The Impact of Perinatal Maternal Mood Disorders on Maternal-Child Health. New York Medical College Grand Rounds, Valhalla, NY, 2017
16. Kendig S, **Hoffman MC**. The Council on Patient Safety Bundle on Maternal Mental Health: Depression and anxiety. ACOG Annual Clinical Meeting, San Diego, CA 2017.
17. **Hoffman MC**. Management of Mental Health in the Perinatal Setting: Tools for the Obstetrician’s Toolbox. Air Force Obstetrics and Gynecology annual meeting, San Antonio, TX 2017.
18. **Hoffman MC**. Promoting Perinatal Wellness, Even in Complicated Pregnancies..& how clinicians need to practice their own self-care to do this. Air Force Obstetrics and Gynecology annual meeting, San Antonio, TX 2017
19. **Hoffman MC**. Management of Mental Health in the Perinatal Setting: Ob prescribing. Annual meeting of the Nurse Practioners in Women’s Health (NPWH), Seattle, WA 2017.
20. **Hoffman MC**, Hyer JS. Integrating perinatal mental health assessment and treatment into routine perinatal care, work-shop. Australasian Marcé Society for Perinatal Mental Health 2017 Conference, Brisbane, Australia.
21. **Hoffman MC**, Hyer JS. Council on patient safety in women’s health safety bundle on maternal depression and anxiety, keynote talk. Australasian Marcé Society for Perinatal Mental Health 2017 Conference, Brisbane, Australia
22. **Hoffman MC,** Miller ES, Stika K. First Annual Scientific Forum on Perinatal Mental Health, Mechanisms of Disease and Promising Interventions: HPA axis, ANS and PMADs. Society for Maternal Fetal Medicine 2018 Annual Meeting, Scientific Forum, Dallas, TX.
23. **Hoffman MC**. Maternal Mortality in Colorado: Where are the Biggest Opportunities for Improvement? St. Mary’s Hospital Grand Rounds, Grand Junction, CA 2018.

#### LOCAL ORAL PRESENTATIONS

1. **Hoffman MC**, Mathur SP. Insulin-like growth factor-II (IGF-II): a marker for cervical cancer in tissue and lymph node metastasis. Medical University of South Carolina Student Research Day, November 2001.
2. **Hoffman MC**, Owens J. A review of pregnancy prevention efforts in Charleston County. Charleston County Teen Pregnancy Prevention Council Spring Conference. Charleston, SC, May 2003.
3. **Hoffman MC**. Use of glargine in women with pregestational diabetes and neonatal outcome. William A. Little Society of Obstetrics & Gynecology Scientific Forum, Key Biscayne, FL, May 27, 2006. *First Prize presentation winner.*
4. **Hoffman MC**. Ultrasound, the cervix, and preterm birth. Advanced Obstetrical Ultrasound: *Pie in the Sky* *3D and Practical Applications.* Denver, CO, May 16, 2008
5. **Hoffman MC**. Ebstein anomaly. Prenatal Diagnosis Conference, University of Colorado Denver School of Medicine, Aurora, CO, September 2008.
6. **Hoffman MC**. Preterm labor and preterm premature rupture of membranes. Physician Assistants’ training program, University of Colorado Denver School of Medicine, Aurora, CO. November 2007, 2008, 2009.
7. **Hoffman MC**. Normal labor and delivery. Physician Assistants’ training program, University of Colorado Denver School of Medicine, Aurora, CO. November 2007, 2008, 2009.
8. **Hoffman MC**. Fetal infections. Prenatal Diagnosis Conference, University of Colorado Denver School of Medicine, Aurora, CO, December 2008.
9. **Hoffman MC**. Code white, Grand Rounds lecture, University of Colorado Denver School of Medicine, Aurora, CO, January 2009.
10. **Hoffman MC**. Maternal and placental expression of the alternative complement pathway activation fragment Bb in preeclampsia. Perinatal Research Conference, University of Colorado School of Medicine, Aurora, CO, February 2009, 2010.
11. **Hoffman MC**. Pregnancy, a stressed placenta (?) and adverse perinatal outcomes. Developmental psychiatry research group conference, University of Colorado School of Medicine, Aurora, CO, February 2010.
12. **Hoffman MC**. Postpartum Depression, Beyond the Blues, 2011 Maternal Child Conference, Denver Health and Hospital Authority, Denver, CO.
13. **Hoffman MC**. Stress in Pregnancy and its impact on Maternal Child Health, 2011 *Giving Life, Savings Lives* conference, Denver Health and Hospital Authority, Denver, CO.
14. **Hoffman MC**. Stressed out and Pregnant: Causes and Effects, 2013 Program in Reproductive Sciences (PiRS) seminar, University of Colorado School of Medicine, Aurora, CO.
15. **Hoffman MC,** Ross RG, Freedman R. Measuring Stress in Pregnancy, 2014 Conte Center retreat, University of Colorado Department of Psychiatry, Aurora, CO.
16. **Hoffman MC.** Perinatal Mental Health, 2015 Maternal Child Conference, Denver Health and Hospital Authority, Denver, CO.
17. **Hoffman MC**. Management of Mental Health in the Perinatal Setting: Tools for the Obstetrician’s Toolbox, 2016 Lutheran Hospital/SCL Grand Rounds, Wheat Ridge, CO.
18. **Hoffman MC**. What are the Real Risks of Antidepressant Medications in Pregnancy and the Postpartum Period? University of Colorado Department of Obstetrics and Gynecology Grand rounds 2016, Aurora, CO.
19. **Hoffman MC**. Perinatal Stress, Preterm Birth & Infant Mortality in Colorado. Safe Deliveries Colorado 2017 meeting, Englewood, CO.

**TEACHING EXPERIENCE**

*2016-2017* University of Colorado School of medicine “Life-cycle” instructor

*2015* George Washington high schoolsummer research project and volunteer program for international baccalaureate high school students interested in careers in medicine

*2014* University of Colorado Anschutz Medical Campus Interprofessional Education and

Development (IPED) facilitator

*2014, 2015* University of Colorado Department of Psychiatry “Summer Education and Training” (SET) Program mentor, summer research program for undergraduates interested in careers in mental health or neuroscience.

*2010-2016* Denver Health Resident obstetric ultrasound instructor, wrote resident teaching curriculum

*2010-2016* Denver Health Ob-Gyn resident lecturer

*2010, 2014* Denver Health “Giving Life, Saving Lives” annual perinatal nursing seminar speaker

*2008-2014* University of Colorado School of medicine “Life-cycle” instructor

*2007-2009* University of Colorado Physician’s Assistant (CHA-PA) program lecturer

*2005* Academic day Obstetrics pathology conference: Skeletal Dysplasias

*2004*  Academic day CREOG Lecturer

*2003-2004* Professional Patient Instructor, University of Miami School of Medicine

*2000, 2002* Saluda Campaign to Prevent Teen Pregnancy, volunteer instructor

# *1999-2001* American Medical Student Association (AMSA) STD educator

**RESEARCH SUPPORT**

**New & Ongoing Research Support**

*09/2016-08/2021* NIH/NIMH-1RO1 Prenatal Pathways for How Poverty Affects Brains from two generations

(PI: Kim, P)

Role: Co-investigator

-*Investigation of the relationships between poverty and adverse maternal mental health on maternal neuroplasticity in the postpartum period and on child neurobehavioral development.*

*07/2016- 06/2018* Colorado Health Foundation “Connecting Communities and Care”

Role: PI

-*Creating a clinical “best practice” and program evaluation of a project entitled: “Integration of Mental and Physical Healthcare in Perinatal Care: A Multigenerational Approach to Improved Health Equity and Wellness.” This grant includes a formal research component of a maternal, birth, and neonatal outcomes associated with program implementation.*

*09/2015-08/2018* Ben & Lucy Ana Walton Family Foundation

Role: PI

-*Creating a clinical “best practice” and program evaluation of a project entitled: “Expanding Perinatal Integrated Care to Promote Screening, Assessment and Treatment of Perinatal Mood Disorders in Denver, Colorado.” This grant includes a formal research component of a composite screen for perinatal mood disorders and the impact of integrated care treatment*

*11/2013-10/2016* NIH-1RO1 HD073491-01A1 Mechanisms and Effects of Prenatal Maternal Affect on Pregnancy and Infant Development (PI: Coussons-Read, ME)

Role: Co-investigator

-*Investigation of maternal mood disorders in pregnancy and impact on pregnancy outcomes as well as infant immunologic function and neurodevelopment. My role is evaluating obstetric ultrasounds and management of data on ultrasound markers of in utero stress as well as to oversee the entire protocol at Denver Health.*

*02/2015-02/2017* Colorado Clinical and Translational Sciences Institute (CCTSI) Microgrant

Role: PI

-*This microgrant funds a study to determine serum levels of choline with administration of dietary supplementation in women of childbearing age.*

*10/2012-10/2016* NIH Loan Repayment Program

Role: PI

-*Investigation of maternal-fetal stress relationships using hair cortisol as the biomarker and imaging of the fetal adrenal as the ultrasound marker.*

**Completed Research Support**

*04/2015-3/2016* Patient Centered Outcomes Research Institute (PCORI)

“Pipeline to Proposal Award, tier 2”

Role: Co-PI

*-Modifying prenatal care delivery to reduce stress and increase skill-building around maternal and child wellness. \*\*Full proposal (5 year, $4million funding) in review.*

*7/1999-08/2015* NIH-2K12HD001271-11 (PI: Santoro, N.F.) Role: Scholar

Colorado Women’s Reproductive Health Research (WRHR) Career Development Center

Mentored junior faculty award for Ob-Gyns.

-*Investigation of maternal-fetal stress relationships and allostatic load using hair cortisol as a biomarker and imaging of the fetal adrenal as an ultrasound marker.*

-*Co-investigator for Denver Health/University of Colorado in the NICHD Maternal Fetal Medicine Unit (MFMU) Network studies (2011-2016)*

*1/2013-12/2015* March of Dimes Centering Pregnancy Grant

Role: Co-PI

-*Study of group prenatal care model in gestational diabetic women compared with standard prenatal care for gestational diabetes.*

*1/2015-3/2015* The Pregnancy Foundation Society for Maternal Fetal Medicine Garite Mini-Sabbatical Grant

Role: PI

-*Funding to work on a mentored perinatal mental health research with Dr. Vivette Glover, PhD in London, UK January 2015.*

*-Funding to work on mentored perinatal mental health clinical work with Dr. Katherine Wisner, MD, at Northwestern, Chicago, IL, USA February 2015.*

*2/2014-10/2014* Patient Centered Outcomes Research Institute (PCORI)

“Pipeline to Proposal Award, tier 1”

Role: Co-PI

*-Geomapping of preterm births and sufficiency of prenatal care in the Denver metro area in order to engage potential collaborators, community stakeholders and patients in patient centered solutions to modifying prenatal care to optimize birth outcomes and minimize adverse mental health during pregnancy and the postpartum period.*

*1/2011-12/2014* Colorado Clinical & Translational Sciences Institute Child Maternal Health Pilot Award

Role: PI

-*Assessment of the correlation between maternal and neonatal hair cortisol, fetal adrenal volumes, and maternal perception of stress*

*2/2011-1/2012* Newborn Hope, Inc.

Role: Co-PI

-*Non-invasive markers of maternal and fetal stress and preterm birth antenatal fetal adrenal volumes, maternal stress surveys, and birth outcomes*

*12/2009-12/2010* Academic Enrichment Fund Grant recipient

University of Colorado Denver Department of Obstetrics & Gynecology

Role: Co-Investigator

-*An assessment of antenatal salivary cortisol levels and pregnancy outcomes.*

*7/2009-6/2010* NIH/NICHD

T32-HD07186 (PI: W.W. Hay, Jr.)

Role: Trainee

Training Grant in Perinatal medicine and biology

-*Translational research study of alternative complement levels in preeclampsia*

*4/2008-4/2010* Academic Enrichment Fund Grant recipient

University of Colorado Denver, Department of Obstetrics & Gynecology

Role: Co-Investigator

*-Alternative Complement levels in placentas of preeclamptic versus normal patients.*

# MENTORING

1. Christine Collins, UC Boulder undergraduate summer student, 2013. Abstract presented at the 2014 Society for Maternal Fetal Medicine annual meeting, manuscript in revision

2. Veronica Alaniz, MD, University of Colorado School of Medicine Obstetrics & Gynecology resident. Abstract presented at the 2014 Society for Maternal Fetal Medicine annual meeting. Completed fellowship training in adolescent gynecology and now new faculty in our department.

3. Jessica E. Smith, UC Boulder undergraduate summer student, 2014. I served as a thesis committee member, SET summer program mentor, and mentored Ms. Smith through production of an SMFM abstract presented at the 2015 SMFM meeting. Her manuscript was presented as her thesis defense in Spring 2016 and is now *in review* with theArchives Women’s Mental Health journal.

4. Lindy VanLandingham, MD, University of Colorado School of Medicine Obstetrics & Gynecology resident. Abstract presented at the 2016 Society for Maternal Fetal Medicine annual meeting, manuscript in preparation.

5. Tessa Schwering, MD, University of Colorado School of Medicine Obstetrics & Gynecology residents. Abstract accepted for presentation at the 2017 Society for Maternal Fetal Medicine annual meeting, Las Vegas, Nevada.

# PUBLICATIONS

1. Mathur SP, Landen CP, Datta SM, **Hoffman MC**, Mathur RS, Young RC. Insulin-like growth factor II in gynecological cancers: a preliminary study. Am J Repro Immunology 2003; 49:113-9
2. Key JD, **Hoffman MC**, Neal D, Hulsey TC. Teen pregnancy in South Carolina: a local needs assessment of Charleston County. Journal of the South Carolina Medical Association2003; *99:360-4*
3. de la Torre L, González-Quintero VH, Mayor-Lynn K, Smarkusky L, **Hoffman MC**, Saab A, Diro M. Significance of accidental extensions in the lower uterine segment during Cesarean delivery. American Journal of Obstetrics and Gynecology 2006; 194:e4-e6
4. Gonzalez-Quintero VH, Istwan NB, Rhea DJ, Smarkusky L, **Hoffman MC**, Stanziano GJ. Gestational age at initiation of 17-hydroxyprogesterone caproate (17P) and recurrent preterm delivery. Journal of Maternal Fetal and Neonatal Medicine 2007 Mar; 20(3): 249-52.
5. **Hoffman MC,** Jeffers S, Carter J, Duthely L, Cotter A, González-Quintero VH. Pregnancy at or beyond age 40 years is associated with an increased risk of fetal death and other adverse outcomes. American Journal of Obstetrics and Gynecology 2007 May; 196(5):e 11-3.
6. **Hoffman MC.** Postpartum Hemorrhage. Post Graduate Obstetrics and Gynecology 2009 Jan; 29(2):1-6.
7. Roca LE, **Hoffman MC**, Gaitan LF, Burkett G. Placenta percreta masquerading as an acute abdomen. Obstetrics and Gynecology 2009 Feb; 113(2):512-4.
8. **Hoffman MC**, Galan HL. Assessing the “at-risk” fetus: Doppler ultrasound. Current Opinion Obstetrics and Gynecology 2009; 21:161-166.
9. D’Anna-Hernandez KL, **Hoffman MC**, Zerbe GO, Coussons-Read M, Ross RG, Laudenslager ML. Acculturation, Maternal Cortisol, and Birth Outcomes in Women of Mexican Descent. Psychosomatic Medicine 2012: 296-304. PMID: 22366584
10. Hunter SK, Mendoza JH, D’Anna K, Zerbe GO, McCarthy L, **Hoffman C**, Freedman R, Ross RG. Antidepressants May Mitigate the Effects of Prenatal Maternal Anxiety on Infant Audiotory Sensory Gating. American Journal of Psychiatry 2012 June;169(6):616-24. doi: 10.1176/appi.ajp.2012.11091365.
11. Rumer KK, Uyenishi J, **Hoffman MC**, Fisher BM, Winn VD. Siglec-6 Expression is increased in Placentas from Pregnancies Complicated by Preterm Preeclampsia. Reproductive Science 2013; 20:646-53. PMID 23171684. PMC3676189.
12. Brumbaugh DE, Tearse P, Cree-Green M, Fenton LZ, Brown M, Scherzinger A, Reynolds R, Alston M, **Hoffman C**, Pan Z, Friedman JE, Barbour LA. Intrahepatic Fat is increased in the Neonatal Offspring of Obese Women with Gestational Diabetes. Journal of Pediatrics 2013; 162:930-6. PMID 23260099. PMCID: PMC3610780.
13. **Hoffman MC,** Rumer KK, Kramer A, Lynch A, Winn VD. Maternal and Fetal Alternative Complement Pathway Activation in Early Severe Preeclampsia. American Journal of Reproductive Immunology 2014; 71:55-60. PMID 24128411. PMCID: PMC4067768
14. **Hoffman MC,** Karban LV, Benitez P, Goodteacher A, Laudenslager ML. Chemical Processing and Shampooing Impact Cortisol Measured in Human Hair. Clinical Investigative Medicine 2014;37(4): E252. PMID 25090265. PMCID: PMC4370348
15. **Hoffman MC,** Mahony R, Foley M, Gibbs RS, Galan HL, Lynch AM. Comparison of the incidence and clinical presentation of preterm birth less than 34 weeks gestation at University Hospitals in Dublin, Ireland and Denver, Colorado, USA. Clinical Obstetrics, Gynecology and Reproductive Medicine 2015;1(3):68-71, doi:10.15761/COGRM.1000119.
16. Mazzoni SE, Hill P, Webster K, Heinrichs G, **Hoffman MC.** Group prenatal care for women with gestational diabetes. Journal of Maternal-Fetal and Neonatal Medicine 2015; 13:1-21. PMID: 26461437
17. Ross RG, Hunter SK, **Hoffman MC**, McCarthy L, Chambers BM, Law AJ, Leonard S, Zerbe GO, Freedman R. Perinatal Phosphatidylcholine Supplementation and Early Childhood Behavior Problems: Evidence for CHRNA7 Moderation. American Journal of Psychiatry 2016 May 1;173(5):509-16. PMID: 26651393
18. **Hoffman MC,** Mazzoni SE, Wagner B, Laudenslager ML, Ross RG. Measures of Maternal Stress and Mood in Relation to Preterm Birth. Obstetrics & Gynecology 2016; 127(3):545-52. PMID 26855101
19. **Hoffman MC**, D’Anna-Hernandez K, Benitez P, Ross RG, Laudenslager ML. Cortisol during human fetal life: Characterization of a method for processing small quantities of newborn hair from 26 to 42 weeks gestation.Developmental Psychobiology 2016 June 3. PMID: 27255609.
20. **Hoffman MC**. Stress, the Placenta, and Fetal Programming of Behavior: Genes’ First Encounter with the Environment. American Journal of Psychiatry 2016 Jul 1:173(7):655-7. PMID: 27363547.
21. Metz TM, Rovner P, **Hoffman MC**, Allshouse AA, Beckwith KM, Binswanger IA. Maternal Deaths from Suicide and Overdose in Colorado, 2004-2012. Obstetrics & Gynecology 2016 Nov 3*.* PMID: 27824771.
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