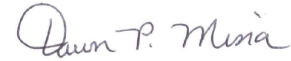


**Date of Preparation:**

**August 10, 2023**



Signature

**Dawn P. Misra, PhD**

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**EDUCATION**

<b>BA</b> , Social and Behavioral Sciences/Public Health, Johns Hopkins University School of Arts and Sciences, Baltimore, MD	1988
<b>MHS</b> , Maternal and Child Health, Johns Hopkins University School of Hygiene & Public Health, Baltimore, MD	1989
<b>MPhil</b> , Epidemiology, Columbia University Graduate School of Arts and Sciences, New York, NY	1992
<b>PhD</b> , Epidemiology, Columbia University Graduate School of Arts and Sciences, New York, NY	1993

**FACULTY APPOINTMENTS**

Chair of Epidemiology and Biostatistics	2020 – present
Professor of Epidemiology and Biostatistics <i>Michigan State University College of Human Medicine, E. Lansing, MI</i>	2020 – present
Professor of Family Medicine & Public Health Sciences	2013-2019
Associate Professor of Family Medicine & Public Health Sciences (Tenured 2010)	2008-2013
Associate Chair for Research	2010-2018
Director, Division of Health Equity	2016-2019
Director of Epidemiology, Biostatistics, Epidemiology Research Design (BERD)	2017-2019
Core Faculty Genetic Counseling Program <i>Wayne State University School of Medicine, Detroit, MI</i>	2014-2019
Associate Professor of Health Behavior and Health Education	2001-2008
Director, Reproductive & Women’s Health Interdepartmental Curriculum Concentration	2003-2007 2005-2008
Faculty Associate, Center for Social Epidemiology and Population Health <i>University of Michigan School of Public Health, Ann Arbor, MI</i>	
Assistant Professor of Population and Family Health Sciences	1995-2001
Assistant Professor of Epidemiology (joint)	1995-2001
Population Center Associate Faculty	1998-2001
Faculty, Women’s and Children’s Health Policy Center <i>Johns Hopkins University School of Hygiene and Public Health, Baltimore, MD</i>	1997-2001

Visiting Assistant Professor of Community Health & Social Medicine <i>City University of New York Medical School, New York, NY</i>	1993-1994
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**MAJOR PROFESSIONAL SOCIETIES**

Society for Pediatric and Perinatal Epidemiologic Research (SPER) Member	1995-present
Secretary	2004-2007
Society for Epidemiologic Research (SER)	2020- present
Improving Pregnancy Outcomes Committee Maternal and Child Health Section, American Public Health Association	1996-1998

**HONORS/AWARDS:**

Big Ten Academic Leadership Program Fellow	2021-22
Excellence in PostDoc Mentorship Award, Graduate School, Wayne State University	2019
Best Reviewer of the Year (one of ten), American Journal of Epidemiology	2017
Charles H. Gershenson Distinguished Faculty Fellow, Wayne State University	2013-2015
Michigan Family Medicine Research Day XXXII, Best Family Medicine Presentation by a Teacher/Faculty	2009
Rackham Interdisciplinary Institute Faculty Scholar, University of Michigan	2002

**SERVICE**

Michigan State University

*Department*

Member, Recruitment Ad Hoc Committee	2020-2021
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*College*

Chair, 5-Year Review Translational Neurosciences Department Self Study Committee	2022-2023
Member and Affirmative Action Advocate, Dean Search Committee	2021-2022
Chair, Pharmacology & Toxicology Department Chair Search Committee	2021-2022

Wayne State University

*Departmental/Divisional*

Chair, Environmental Health Search Committee	2016-17
Member, Epidemiology Search Committee (Sociology)	2016-17
Member, Health Equity Search Committee	2017
Mentoring Advisory Committee	2011-2013
Chair, Biostatistics Faculty Search Committee	2011-2012
Member, Epidemiology Faculty Search Committee	2012-2013
Mentoring Working Group	2010-2011
MPH Admissions Committee	2010-2011
MPH Curriculum Committee	2008-2018
Leadership Committee	2008-2018
Salary Committee	2008-2015
Member, Promotion & Tenure Committee	2010-15, 2019
Chair, Promotion & Tenure Committee	2013-2014

<i>School of Medicine</i>	
Chair, Research Development Committee	2017-2018
Member, Research Development Committee	2010-2018
“Closing the Salary Gap” presentation (co-leader), Women in Medicine & Science	2013
Lifetime Research Achievement Award selection committee	2012, 2013
Search Committee, Department of Pediatrics Chair Search	2012-2013
"How to Run a Departmental Mock Study Section" panelist, WSU Professional Academic Development Seminar Series	2012
Medical Student Summer Grant Fellowship Selection Committee	2011-2014
Medical Student Distinction in Biomedical Research Awards Selection Committee	2014-2019
Strategic Planning Translational Medicine Workgroup	2011-2012
Strategic Planning Program Project Workgroup	2011-2012
Co-Director Research Design, Biostatistics, Epidemiology Unit, CTSA (MACTS)	2010-2013
Michigan Public Health Week committee member	2009-2014

<i>University</i>	
Director, Biostatistics, Epidemiology and Research Design (BERD), WSU Clinical Research Service Center.	2017-2019
Member, Workforce on Strategic Funding, Responsibility Centered Budget Model Committee	2017-19
Chair, Committee Mayor’s Summit on Health Equity in Detroit	2015-2018
Research on Urban Biobehavioral Health in Urban Settings Today (RoBUST)	2015-2016
Steering Committee Member	
Multidisciplinary Research Building workgroup	2011-2012
Distinguished Faculty Fellowship selection committee member	2013

University of Michigan

<i>Division and/or Department</i>	
Chair, Job and Field Placement Committee	2004-2006
Chair, Preliminary Examination Committee for Age, Stage, Development	2003-2005
Preliminary Examination Committee for Stress, Social Support/Social Network Coping	2005
Doctoral Committee	2001-2004
<i>School of Public Health</i>	
Director, Reproductive and Women’s Health Interdepartmental Concentration	2003-2007
Public Health Genetics Interdepartmental Concentration Executive Committee	2002-2006
<i>University</i>	
Admissions interviewer, Robert Wood Johnson Health and Society Scholars	2005

Johns Hopkins University

<i>Division and/or Department</i>	
Honors and Awards Committee	2000-2001
MHS Committee	1999-2000
Admissions Committee	1995-1999
Co-Chair, Admissions Committee	1997-1998
Curriculum Committee	1995-1996
Strategic Planning Writing Team	1996-1997
Self Study Team	1996-1997

Johns Hopkins University

*School of Public Health*

Affirmative Action Committee	1999-2001
Ad-hoc Student Environment Subcommittee, Strategic Planning	2000
Faculty Selection Committee Minority Predoctoral Fellowship	1996-1999
Honors and Awards Committee	1996-1999
Faculty Senate	1996-1998

*University*

Chair, Subcommittee on Inventory of Databases, Women's Health Initiative, Research Committee	1998
Creation of Maternal-Fetal-Infant Health Journal Club	1995-2000

**Professional**

Maternal Outcomes Matter Shower (M.O.M.S) Tour Detroit, U.S. DHHS, Executive Planning Committee	2023
SPER Equity Advisory Board	2022-present
SPER, Outreach Committee	2020-2021
Ascension Providence Hospital, research on outcomes of COVID admissions	2020-present
MDHHHS Provider COVID testing hotline	2020
Board of Directors, Michigan Public Health Institute	2011-2014
Judge, Society for Pediatric and Perinatal Epidemiologic Research (SPER) posters	2011-12, 16-17
Moderator, SPER panel session	2011, 2012
Judge, St. John/Providence Health System Resident Research Day	2011
Reviewer, N. American Congress on Epidemiology abstracts	2011
Stakeholder participant for AHRQ (Future Research Needs for Outcomes of Weight Gain in Pregnancy. AHRQ Publication No. 11-EHC004-EF)	2010
Reviewer, SPER Student Prize Paper Award submissions	2010 - present
Reviewer, SPER Abstracts Annual Meeting	2015, 2017-present

**Consulting**

Institute for Population Health/Healthy Start, Detroit, MI	2018 – present
Member, Advisory Board for Tulane's Center for Gulf Coast Environmental Health Research, Leadership and Strategic Initiatives	2015 – 2020
Member, Workgroup on Achieving Healthy Equity in Preterm Birth, March of Dimes	2012
Co-Chair, Psychosocial Factors Workgroup, Office of the U.S. Surgeon General, Conference on Preterm Birth	2008
Nebraska State Department of Health	2008
Office of Children's Health Protection, U.S. EPA, literature review	2007-2008
Virginia Department of Health, implementation of perinatal framework	2006-2007
Chair, External Scientific Advisory Board for the Central Pennsylvania Center of Excellence for Research on Pregnancy Outcomes	2004-2008
National March of Dimes Prematurity Campaign.	2002
Midmark Corporation, Ohio, women's health	2002
Black Infants/Better Survival, New Jersey Department of Health & Human Services	1999

## Scholarly Service

### Grant Review Committees

#### *National/International*

NIH Maternal Health Research Centers of Excellence (U54), ad hoc.	2023
NIH Environmental influences on Child Health Outcomes (ECHO) Pregnancy Cohort Study Sites (UG3/UH3), ad hoc	2023
NIH Organization and Delivery of Health Services, ad hoc	2022
NIH National Center for Complementary and Integrated Health, special emphasis panel	2021
NIH Social Science and Population Studies (SSPB) study section, ad hoc	2020, 2021
NCCIH Training and Education study section, ad hoc	2021
NIEHS Pregnancy as a Vulnerable Time Period for Women's Health, ad hoc	2020
NIH Special Emphasis Panel, IRAP study section, ad hoc	2020
NIH Social Science and Population Studies (SSPA) study section, ad hoc	2019
UK Medical Research Council fellowship application, online	2019
NIH Director's Early Independence Award, mail, Stage 1	2018
NIH CSR Social Solutions International Anonymization Study, mail	2018-2019
Netherlands Organisation for Health Research and Development (ZonMw), ad hoc ZonMw works on improving prevention, healthcare and health by encouraging and funding research, development and implementation.	2018
NIH Neurological, Aging, and Musculoskeletal Epidemiology (NAME) study section, ad hoc	2016
Patient Centered Outcomes Research Institute (PCORI) workgroup member to develop funding opportunities in perinatal health and disparities	2013
National Institute for Health Research (United Kingdom), ad hoc	2013
AXE Research Fund (Europe), ad hoc The AXA Research Fund has been created in order to encourage research in Europe in different disciplines tackling risks, challenges and major transformations that affect our rapidly changing world. ( <a href="http://www.axa-research.org/home">http://www.axa-research.org/home</a> )	2012
NIH Infectious Disease, Reproductive Health, Asthma, and Pulmonary Epidemiology (IRAP) study section, regular member	2011-2015
NIH Director's Early Independence Award, mail, Stage 1	2011

NIH Director's Opportunity Special Emphasis Panel, mail, Stage 1	2010
NIH Selected Topics in Epidemiology Special Emphasis Panel, ad hoc	2010
NIH Challenge Grants, ad hoc	2009
United Kingdom Department of Health, Policy Research Programme, Maternal Health and Care Policy Research Unit Proposal Reviews, ad hoc	2009
The Department of Health is a State department in England, and the Policy Research Programme commissions research for government policy makers. The DH Policy Research Programme has invited applications to deliver a 5-year programme of high quality research in ten priority areas, each of which will constitute a Policy Research Unit. One of these priority areas is "Maternal Health and Care". Budgets are approximately 3 to 5 million pounds total.	
March of Dimes, Advisory Committee, regular	2008-2011
NICHD PEDS study section, ad hoc	2008-2010
CDC Special Emphasis Panel, China-US Collaborative, Population Based Surveillance & Research Program Maternal-Child and Family Health, telephone	2007
Michael Smith Foundation for Health Research (Canada), Career Investigator Award, mail	2006
NIH Infectious Disease, Reproductive Health, Asthma, and Pulmonary Epidemiology (IRAP) study section, ad hoc	2005-2006, 2009, 2010
Title V HRSA Block Grants (Indiana, 2002; Virginia, 1999, 2000)	1999, 2000, 2002
Data Utilization and Enhancement Grants, HRSA, regular	2000
NIDDK institute study section, ad hoc	1998
<i>Regional/Local</i>	
Henry Ford Health Systems Internal Funding Program, regular	2010
City University of New York Research Foundation, electronic	2006
<b>Other Service</b>	
Perinatal to Pediatric Transitions Think Tank	2013-2015
Michigan Maternal Mortality Surveillance Injury Committee	2011-present
Baltimore City Fetal and Infant Mortality Review Committee	1997-2001
Maryland Infant Mortality Community Incentive Grants, regular	2000

## Service for Peer-Reviewed Journals

### *Editorial Board Membership*

Paediatric and Perinatal Epidemiology	2005-2021
Family Practice	2010-14

### *Review of Manuscripts*

American Journal of Epidemiology	2003-present
Reviewer of the Year (one of 10)	2017
American Journal of Obstetrics and Gynecology	2003-present
American Journal of Preventive Medicine	2014 - present
American Journal of Public Health	1992 – 2019
Family Practice	2010 – present
Fertility & Sterility	2010
Journal of Adolescent Health	2015 - present
Journal of the American Medical Association	1997 - present
Maternal and Child Health Journal	2004 - 2010
New England Journal of Medicine	2004 - 2012
Obstetrics and Gynecology	2003 - 2014
Pediatric and Perinatal Epidemiology	1997 – present
Pediatrics	2000 – present
Placenta	2000 – present
Women’s Health Issues	2006, 2009, 2016 - present

### *Other Scholarly Service*

Co-Chair, Telomere Research Network Health Disparities Subcommittee	2020-present
Member, Advisory Board for the GROWH project, Tulane University Center for Gulf Coast Environmental Health Research, Leadership and Strategic Initiatives.	2015-2018
Reviewer, U.S. EPA Indicators and Proposed Statistical Methodology for America’s Children and the Environment	2011
Reviewer, Institute of Medicine Committee to “Reexamine Institute of Medicine Pregnancy Weight Gain Guidelines.”	2009
Reviewer, Donovan, E, Iams, J, Rose, B. “What we know about preterm birth.” Child Policy Research Center. Policy Brief. Volume 1, Issue 2. October 2008.	2008
Reviewer, “Smoking, Smoking Cessation, and Pregnancy: A Global Perspective” in proceedings of the WHO International Conference on Tobacco and Health.	2000
Reviewer, “Understanding Your Risks” in <i>Johns Hopkins Women’s Health Book</i> (Editors, K.J. Blakemore, D.M. Strobino, and J.K. Allen), New York: Harper Collins.	2000
Reviewer, “Taking Charge of Your Health Care” in <i>Johns Hopkins Women’s Health Book</i> (Editors, K.J. Blakemore, D.M. Strobino, and J.K. Allen), New York: Harper Collins.	2000

## **TEACHING**

### Michigan State University 2020 - present

#### *Graduate Students*

Epidemiology 816 (Perinatal Epidemiology), Course Director  
Epidemiology 829 (Methods), Co-Course Director  
Journal Club, Lead Faculty

Spring 2022  
Spring 2021  
Fall 2020

#### *Undergraduate Students*

Epidemiology 200, guest lectures  
Epidemiology 200, Co-Course Director

Fall 2020, 2022  
Fall 2021

### Wayne State University 2008-2019

#### *Graduate Students*

MPH Project Course 8990, Co-Course Director

Winter,  
Spring/Summer,  
Fall  
2015 – 2019

MPH Project Course 8991, Course Director

Winter 2019,  
Fall 2019

Applied Epidemiology, Course Director

Winter 2014-  
2018

Applied Research Methods for Health Professionals, Course Director

Fall 2013  
Spring 2013  
Spring 2012  
Sp/Sumer 2011  
Fall 2011

#### *Residents/Fellows*

Neonatology fellows, lecture, 3 hours  
Southeast Michigan Center for Medical Education, lectures  
Pulmonary and Critical Care fellows, lectures  
Family Medicine and Transition Year Residents, lecture

2008  
2009-2011  
2010, 2011  
2011

### University of Michigan School of Public Health, 2001-2008

#### *Graduate Students*

Foundations in Maternal and Child Health, Course Director

Fall 2001-2007

Reproductive and Women's Health Seminar, Course Director

Winter 2002-7  
Fall 2002-6



Johns Hopkins University School of Hygiene & Public Health  
Graduate Students

Reproductive and Perinatal Epidemiology, Co-Course Director	Spring 1996-2001
Research Issues in Maternal and Child Health, Course Director	Spring, 1996-2000
Epidemiology 2, Lab Instructor	Spring 1996-2001
Prevention of Infant Mortality, Course Director	Fall 2000
Graduate Summer Program in Perinatal Epidemiology, Lecturer	Summer 1999, 2001
Advanced Seminar in Perinatal Health, Co-Course Director	Fall, 1996-1998
Doctoral Research Seminar, Course Director	Fall 1996
Introduction to Maternal and Child Health, Course Director	Fall 1995

City College of New York Medical School

Epidemiology 1, Course Director	Fall 1993
Community Health Assessment, Co-Course Director	Spring 1997

*Mentorship*

Jasmine Parker, undergraduate, EQ-BEST intern, MSU	2022- present
Christabelle Tosso, undergraduate, CUPS IMHOTEP	2022
Camryne Adams, undergraduate, MSU SROP, Bennett College	2022
Nylani Powell, undergraduate, MSU SROP, Temple University	2022
Rachael Weisbrod, PhD Epidemiology, advisor, MSU	2022- 2023
Florence Kizza, PhD Epidemiology, advisor, MSU	2021 - present
Jessica Worley, PhD Epidemiology, advisor, MSU	2022 - present
Rosemary Adaji, PhD Epidemiology, thesis chair, MSU	2021 – 2023
Norman Chamusah, PhD Epidemiology, T32 trainee, advisor, MSU	2021 - present
Katie Patterson, MS Epidemiology, advisor, MSU	2020 – present
Cate Rukat, MS Epidemiology, advisor, thesis mentor, MSU	2020 - 2022
Jazib Gohar, PhD Epidemiology, MSU	2020 – present
Maquela Noel, undergraduate student, MSU SROP, Baylor University	2020 – 2021
Eve Njoko-Shells, undergraduate student, MSU REPID, Michigan State University	2020 – 2022
Sarah Vaughan, postdoctoral fellow, MSU; MPH student, WSU	2018 - present
Nadia Saadat, postdoctoral fellow	2018 – 2022
Emily Dove-Medows, postdoctoral fellow, UM; doctoral student, WSU College of Nursing	2018 – present
Donna Manlongat, doctoral student and RWJ fellow, WSU College of Nursing	2018 – 2020
Martina Caldwell, Health Disparities Research Collaborative Scholar, Henry Ford Health, physician, mentor on training grant	2016 – 2020
DeAnnah Byrd, postdoctoral co-mentor	2017 – 2019

Harmanjit Kaur, MPH advisor	2015 – 2019
Jacqueline Keen, MPH advisor	2015 – 2018
Shachi Pradhan Lisa Lukose,, MPH advisor	2014 – 2019
Maliha Ahmed, MPH advisor	2016 – 2018
Sahil Bhatia, MPH advisor	2016 – 2018
Sana Khan, Jessie Ding, MPH project advisor	2018 – 2019
Talan Zhang, Daniel Sweeney, Dixy Rajkumar, MPH project advisor	2018
Emily Yagihashi, Inara Ismilova, medical students, WSU	2018 – 2021
Sarah McNally, Initiative for Maximizing Student Development, undergraduate, WSU	2018 – 2021
Taylor Bays, ReBUILD scholar, University Detroit Mercy undergraduate	2018 – 2021
Michaila Paulateer, ReBUILD scholar/Wayne State University undergraduate	2018 – 2021
Leigha Thomas, ReBUILD scholar/Wayne State University undergraduate	2017 – 2019
Meghan Dwaihy, MPH project advisor	2016 – 2018
Monica Meyer, MPH project advisor	2017
Jaime Slaughter, mentor Drexel University Career Development Award	2016-2017
Nema Kebbeh, ReBUILD scholar/University Detroit Mercy undergraduate student	2017-2018
Relicious Eboh, ReBUILD scholar/University Detroit Mercy undergraduate student	2016-2019
Leena Abbas, ReBUILD scholar/WSU undergraduate student	2015-2019
Bin Liu, MPH project advisor	2017
Kavan Desai, MPH project advisor	2016 – 17
Josipa Carkarun, MPH project advisor	2016
Arun Mallapareddi, MPH research project advisor	2015
Elizabeth Hacker, MPH advisor	2013 – 2016
Torrie Hill, advisor, undergraduate, Initiative for Maximizing Student Development	2012 - 2014
Prasitha Padmanabhan, MPH advisor	2011 – 2014
Gayle Shipp, public health graduate certificate advisor	2011 – 2015
Umme Suhrawardy, MPH advisor	2009 - 2013
Zeinab Mezael, MPH advisor	2010 - 2012
Kristy Hegner, Rashmi Bairoliya, MPH research project advisor	2010 - 2011
Olayinka Warritay, MPH research project advisor	2012 - 2013
Olayinka Warritay, medical student, research experience	2009 - 2010
Vickie Collins, MPH advisor	2009 - 2011
Dawn Kingston, PhD Student (McMaster University), doctoral thesis review	2009
Amanda Bramham, Gena Harrison, Angela Robinson, Lawrence Wilson, Brittany Thomas, Kelita Fox, medical students, research experience	2009

Essays/Theses/Dissertations

Student	Level	Role	Status
Rosemary Adaji	PhD	Chair committee	PhD awarded 2023
Emily Dove-Medows	PhD Nursing	Faculty committee member	PhD awarded 2020
Trang Dang	PhD Epidemiology	Faculty committee member	PhD awarded 2012
Natalie Thiex	PhD Environmental Health Sciences	Faculty committee member	PhD awarded 2008
Ly Nguyen	MPH Epidemiology	Faculty committee co-chair	MPH awarded 2007
Kristin Mawk	MPH Epidemiology	Faculty committee co-chair	MPH awarded 2006
Debbie Barrington	PhD Epidemiology	Faculty committee member	PhD awarded 2005
Laura Wasek	MPH Epidemiology	Faculty committee co-chair	MPH awarded 2007
Marla Shu	MPH Epidemiology	Faculty committee co-chair	MPH awarded 2006
Jillian Henderson PhD	PhD Health Mgt. & Policy	Faculty committee member	PhD awarded 2003
Michelle Barry	MPH HBHE	Faculty committee chair	MPH awarded 2003
Shannon Hanson PhD	PhD HMP	Faculty committee member	PhD awarded 2001
Joanna Zieger	PhD Epidemiology	Faculty committee member	PhD awarded 2001
Mildred Maisonette	PhD Epidemiology	Faculty committee member	PhD awarded 2000
Nhan Truong	PhD Intl Hlth	Faculty committee member	PhD awarded 1999

Course or Curriculum Development

Distance learning course, Prevention of Infant Mortality (Web based), Johns Hopkins University.  
Foundations in Maternal and Child Health

## **GRANTS, CONTRACTS, AND OTHER FUNDING:**

### *Active National/International Grants and Contracts*

Co-Investigator, 10-20% Years 1-5 (MPI: C Giurgescu, J Ohm) Epigenetic aging, social factors, and preterm birth among Black women National Institute of Minority Health and Health Disparities (NIMHD) Costs: \$731,899 (direct Year 1) \$90,244 (indirect Year 1)	3/18/23- 11/30/28
Co-Investigator, 15-20% Years 1-5 (PI: C Salafia) Contribution of maternal immune activation, viral infection and epigenetics to autism—a community-based control study National Institute of Child Health and Human Development (NICHD)	5/3/23-4/30/28
Co-Investigator, 15-20% Years 1-5 (PI: J Slaughter-Acey) Looking Back to Look Forward: Social Environment Across the Life Course, Epigenetics, and Birth Outcomes in Black Families National Institute of Aging (NIA) Costs: \$2,584,615 (directs) \$417,842 (indirects)	9/30/21-5/31/26
Principal Investigator, 20-25% Years 1-4 Paternal Role in Adverse Birth Outcomes in Black Families National Institute of Nursing Research Total Direct Costs: \$1,371,384	09/18-07/23
Co-investigator, 5% (PI: G Daniels) Healthy Start Detroit HRSA Total Direct Costs: \$53,309	4/22-03/24
<i>Active Other Grants and Contracts</i>	
Co-Investigator, 3-10% (PI: S. Milberger) COVID-19 Vaccination for Underserved Population Michigan Department of Health and Human Services (MDHHS) Total Direct Costs: \$150,000	01/22-9/30/24
<i>Previously Funded Grants and Contracts</i>	
Co-Investigator, 10-15% (PI: C Giurgescu) Social Stressors and Inflammation: A Mixed Methods Approach to Preterm Birth National Institute on Minority Health and Health Disparities Total Direct Costs: \$3,768,947	5/17-4/23
Consultant (PI: D Khalil) Family Stress, Coparenting, and Infant Development among Immigrant Arab-American Families NICHD	12/20-11/23

<p>Co-Investigator, 10% (PI: C Giurgescu)  Social Stressors and Inflammation: A Mixed Methods Approach to Preterm Birth  National Institute on Minority Health and Health Disparities  COVID 19 Supplement  Total Direct Costs: \$205,826</p>	<p>08/20-4/21</p>
<p>Co-Investigator, 10% (PI: C Giurgescu)  Social Stressors and Inflammation: A Mixed Methods Approach to Preterm Birth  National Institute on Minority Health and Health Disparities  Maternal Morbidity and Mortality Supplement  Total Direct Costs: \$140,070</p>	<p>09/20-4/21</p>
<p>PI, 10%  Michigan COVID-19 Mortality Review  Michigan Department of Health and Human Services (MDHHS)  Total Direct Costs: \$147,287</p>	<p>01/21-9/30/22</p>
<p>PI, 30%  Data-Driven Public Health Strategies and Policies to Mitigate COVID-19 Disparities  Total Direct Costs: \$319,239</p>	<p>10/20-12/20</p>
<p>Co-PI, 5%  Michigan COVID-19 Mortality Review  Michigan Department of Health and Human Services (MDHHS)  Total Direct Costs: \$73,644</p>	<p>08/20-12/30/20</p>
<p>Co-Investigator, 0% (PI: D Khalil)  Neighborhood Disorder and Epigenetic Regulation of Stress Pathways in Preterm Birth  Association of Women’s Health, Obstetric, and Neonatal Nurses (AWHONN)  Total Direct Costs: \$10,000</p>	<p>08/19-07/20</p>
<p>Co-Investigator, 5% (PI: G Daniels)  Healthy Start Detroit  HRSA  Total Direct Costs: \$160,492</p>	<p>04/19-01/20</p>
<p>Co-Investigator, 3% (PI: D Walker)  Chronic Stress, Lipidome Profiles, and Preterm Birth in African American Women  National Institute on Minority Health and Health Disparities  Total Direct Costs: \$300,000</p>	<p>06/17-01/20</p>
<p>Co-Investigator, 0%  Effects of Maternal Psychological Distress on Infant Telomere Length and  Development Among Syrian And Iraqi Refugees  American Nursing Foundation, International Association of Forensic Nurses  Total Direct Costs: \$10,000</p>	<p>09/18-08/19</p>

Co-Mentor, 0% Graduate Research Assistant Competition (Emily Dove-Medows, PhD student) Wayne State University Graduate School	08/18-08/20
Co-Investigator, 5-10% (PI: D Tsilimingras) Postdischarge Adverse Events among NICU Neonates National Institute for Child Health and Human Development Total Direct Costs: \$785,366	9/16-6/2019
Principal Investigator, 6% year 1, 3% year 2 Walking for me and my baby: Pilot testing an intervention for pregnant Black women Blue Cross/Blue Shield of Michigan Total Direct Costs: \$62,425	01/17-06/18
Co-Investigator, 0% NIH P30 ES 020957 (PI: M Runge-Morris) Center for Urban Responses to Environmental Stressors (CURES) Chronic stressors, proteome profiles, and preterm birth in African American women Stress and proteome in pregnant African American women (PIs Giurgescu & Stemmer) Total Direct Costs: \$150,000	04/14-03/17
Co-Investigator, 1% Year 2 (PI: Salafia) Placental Identification and Immune Quantitation of Prenatal Acute and/or Chronic Inflammation in Children Diagnosed with Autism in Univ & Community Hospitals Department of Defense, PILOT mechanism Total Direct Costs: \$100,000	2014-2016
Principal Investigator, 25% Impact of Racism on Risk of Preterm Birth in Black Women National Institute for Child Health and Human Development Total Direct Costs: \$1,792,206	2008-2014
Principal Investigator, 0% Epigenetic Mediators of the Obese Intrauterine Environment Michigan Diabetes Research and Training Center Total Direct Costs: \$54,000	2014
Principal Investigator, 0% Infection as a Biologic Pathway to Preterm Birth in Black Women WSU Research Enhancement Program in Urban and Public Health	2010-2012
Co-Investigator, 5% Placental Vascular Tree as a Biomarker of Autism/ASD Risk Department of Defense Total Direct Costs: \$483,029 (total, not direct)	2010-2012

Principal Investigator, 0% The Contribution of Fathers to Birth Outcomes Michigan Interdisciplinary Center on Social Inequalities, Mind and Body (NIH) Total Direct Costs: \$45,000	2006-2008
Principal Investigator, 0% Who Profits? Changes in Household Dynamics after Women's Participation in a Poverty-Lending Program in Rural Haiti Sisters Fund, Institute for Research on Women and Gender, University of Michigan Total Direct Costs: \$6,600	2007-2008
Co-Investigator, 0% (PI: S. Ransom) Health Disparities: Leaders, Providers, and Patients National Institute for Child Health and Human Development Total Direct Costs: \$1,119,157	2004-2005
Principal Investigator, 25-40% How Social Factors Influence the Risk of Preterm Delivery National Institute for Child Health and Human Development Total Direct Costs: \$1,167,490	2000-2006
Principal Investigator, 0% Graduate Student Minority Supplement to R01 National Institute for Child Health and Human Development Total Direct Costs: \$50,000	2002-2004
Co-Investigator (PI: M. Zimmerman) Prevention Research Center – Flint Centers for Disease Control and Prevention Total Direct Costs: \$3,366,584	2004-2009
Co-Principal Investigator (co-PIs D. Strobino & H. Grason) Consultant Fetal and Infant Mortality Review Evaluation DHHS/HRSA MCH Bureau Total Costs: \$1,400,000	1998-2001 2002-2003
Principal Investigator Maternal and Child Health Epidemiology Doctoral Student Training Program DHHS/HRSA MCH Bureau Total Direct Costs: \$25,000	2000-2001
Principal Investigator Women's Health Data Book Jacobs Institute for Women's Health Total Direct Costs: \$60,000	1999-2000

<p>Co-Investigator (PI: B. Guyer)  Project to Advance Education and Public Policy Development for Women's Health and Perinatal Concerns  DHHS/HRSA MCH Bureau  Total Direct Costs: \$3,148,145</p>	<p>1996-2001</p>
<p>Co-Investigator (PI: B. Guyer)  Training Program in Maternal and Child Health  DHHS/HRSA MCH Bureau  Total Direct Costs: \$2,008,932</p>	<p>1994-2000</p>
<p>Co-Investigator (PI: D. Strobino)  Evaluation of the Intermediate Effects of the Perinatal Regionalization Project in Maryland  Department of Health and Mental Hygiene, State of Maryland  Total Direct Costs: \$75,000</p>	<p>1996</p>
<p>Co-Investigator (PI: P. O'Campo)  Healthy Start  Baltimore City Health Department  Total Direct Costs: \$100,000</p>	<p>1996-1997</p>
<p>Principal Investigator  Diesel Exhaust Exposure among Children in West Harlem  Columbia University Division of Environmental Sciences  Total Direct Costs: \$25,000</p>	<p>1995-1996</p>



## **PUBLICATIONS:**

\*Graduate student/postdoctoral student authors mentored.

### Peer-Reviewed Publications *Reports of Original Work*

1. Hawkins M, Mallapareddi A, **Misra DP** (2023). Social Mobility and Perinatal Depression in Black Women. *Frontiers in Health Services*, section Health Policy and Management
2. \*Judge J, **Misra DP**, Davis J, Giurgescu C. (2023) Neighborhood Factors and Physical Activity During the COVID-19 Pandemic for Black Pregnant Individuals. *HPHR Journal*. 52. <https://doi.org/10.54111/0001/ZZ4>
3. \*Nowak AL, Anderson CM, Zhao Y, Ford JL, Mackos A, Ohm J, Tan A, Saadat N, **Misra, D**, Giurgescu C. (in press). Epigenetic implications of neighborhood disorder and psychological distress among pregnant Black women. *Western Journal of Nursing Research*.
4. **Misra DP**, Giurgescu C. Caldwell C. Song P, \*Hu M, \*Adaji R, \*Vaughan S. (2023) Fathers Matter: Black fathers participating in pregnancy research. *MCN, The American Journal of Maternal Child Nursing*.
5. \*Vaughan SE, **Misra DP**, \*Gohar J, \*Hyer S, Price M, Giurgescu C. (2023) The associations of objective and perceived neighborhood disadvantage with stress among pregnant Black women. *Public Health Nursing*.
6. \*Hyer S, \*Vaughan S, Davis JW, Rui X, **Misra D**, Giurgescu C. (in press). The association of avoidance coping in gestational weight gain among pregnant Black women. *Western Journal of Nursing Research*.
7. Khalil D, Giurgescu C, **Misra D**, Templin T, Jenuwine E, Drury S. (2022) Psychosocial Factors and Telomere Length among Parents and Infants of Immigrant Arab American Families. *Biological Research in Nursing*.
8. Khalil D, Giurgescu C, **Misra DP**, Templin T, Jenuwine E. (2022). Associations with Maternal and Paternal Psychosocial Stress and Infant Hair Cortisol among Arab American Immigrants: A Pilot Study. *Developmental Psychobiology*
9. \*Dove-Medows E, **Misra DP**, Bankert R, Giurgescu C. (2022). A Qualitative Approach to the Dimensions of Segregation Among Pregnant Black Women. *Journal of Urban Health*. <https://doi.org/10.1007/s11524-022-00661-3>
10. \*Nowak AL, Anderson CM, Ford LL, Mackos A, Ohm J, Saadat N, Tan A, Zhao Y, **Misra D**, Giurgescu C. (2022) DNA methylation patterns of glucocorticoid pathway genes in preterm birth among Black women. *Biological Research for Nursing*.
11. Saadat N, Zhang L, Hyer S, Padmanabhan V, Woo J, Engeland CG, **Misra DP**, Giurgescu C. (2022) Psychosocial and behavioral Factors Affecting Inflammation among Pregnant African American Women. *Brain, Behavior, & Immunity - Health*

12. \*Dove-Medows E, McCracken L, **Misra DP**, Giurgescu C. (2022) Racial Residential Segregation, Neighborhood Disorder and Racial Discrimination Among Black Pregnant Women. *Public Health Nursing*.
13. Davis JW, Hyer S, Xie R, Martinez VC, Wheeler JM, **Misra DP**, Giurgescu C. (2022) Physical Activity Changes Among Non-Hispanic Black Pregnant Women. *Public Health Nursing*.
14. Khalil, D, Giurgescu, C, & **Misra, DP**, Templin, T, Javanbakht, A, Jenuwine, E. (2022). Acculturative Stress and Postpartum Depressive Symptoms among Immigrant Arab American Couples. *MCN, The American Journal of Maternal Child Nursing*.
15. Kehm RD, **Misra DP**, Slaughter-Acey JC, Osypuk TL. Measuring the Effect of Neighborhood Racial Segregation on Fetal Growth. *West J Nurs Res*. 2022 Jan;44(1):5-14. doi: 10.1177/01939459211037060. Epub 2021 Aug 11. PMID: 34378455; PMCID: PMC9867910.
16. Zakaria A, Piper M, Douda L, Jackson NM, Flynn JC, **Misra D**, Gardiner J, Sankari A. (2021). Determinants of all-cause in-hospital mortality among patients who presented with COVID-19 to a community teaching hospital in Michigan. *Heliyon*.
17. \*Dove-Medows, E, Davis, J, McCracken, L, Lebo, L, **Misra, D.**, Giurgescu, C, Kavanaugh, K. (2021) A Mixed Methods Study of Experiences During Pregnancy Among Black Women During the COVID-19 Pandemic, *Journal of Perinatal and Neonatal Nursing*,
18. Dailey R, \*Peoples A, Zhang L, \*Dove-Medows E, Price M, **Misra D**, Giurgescu, C. (2021). Assessing Perception of Prenatal Care Quality Among Black Women in the United States. *J Midwifery & Women's Health*.
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49. Slaughter-Acey JC, Talley LM, Stevenson HC, **Misra DP**. (2018.) Personal versus group experiences of racism and risk of delivering a small-for-gestational age infant in African American women, a life course perspective. *Journal of Urban Health*. July 19.
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*Review Articles*

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2. **Misra, DP**, Slaughter-Acey, J, Giurgescu, C, Sealy-Jefferson, S, Nowak, A. (2017). Why do Black women experience higher rates of preterm birth? *Current Epidemiology Reports*. 4(2)83-97.
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Editorials/Commentaries

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2. Bovbjerg, M, **Misra, DP**, Snowden, J. (2020) You're From... Where, Again? A Critical Assessment of Institutional Diversity in the Society for Epidemiologic Research. *American Journal of Epidemiology*.
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## Abstracts

1. Dailey, R, Peoples, A, Rengers, B, Wong, ZC, Daughters, K, Price, M, Vaughan, S, Dove-Medows, E, Nowak, A, Zhang, L, Levy, PD, **Misra, D**, Giurgescu, C. Abstract 15788: Hypertensive Disorders of Pregnancy in Urban Black Women: The Biosocial Impact on Black Births (BIBB) Study. *Circulation*. 2020;142(Suppl\_3):A15788-A15788.
2. Slaughter-Acey, JC, Brown, TN, Keith, VM, **Misra, DP**. (November 2019). A Tale of Two Generations: Maternal Skin Color and Preterm Delivery in African American Women. American Public Health Association (APHA), Philadelphia, PA.
3. Sealy-Jefferson, S, Dailey, R, **Misra, DP**. (September 2019). Marital/cohabiting status, Neighborhood Evictions, and Preeclampsia among African American women: a Multi-level Analysis. CityMatCH Leadership Conference, Providence, RI.
4. **Misra, D**, Zhang, L, Dailey, R, Price, M, Giurgescu, C. (June 2019) Family Prenatal Involvement and Psychological Health in Pregnant Black Women in the Biosocial Impacts on Black Births (BIBB) Study. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Minneapolis, MN.
5. Zhang, L, Dailey, R, Price, M, **Misra, D**, Giurgescu, C. (June 2019) Intimate Partner Violence and Psychological Health in Pregnant Black Women in the Biosocial Impacts on Black Births (BIBB) Study. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Minneapolis, MN.
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9. Eboh R, Giurgescu C, **Misra D**. *Relationship with the Father of the Baby and Perceived Stress Among Black Women*. 23<sup>rd</sup> Annual Posters on the Hill. (April 2019, Washington, DC) (Over 350 submissions and just 60 posters accepted to be presented on Capitol Hill.)
10. Giurgescu C, Zhang L, Price M, Dailey R, **Misra D**. Substance Use Mediates the Association of Experiences of Racial Discrimination with Depressive Symptoms Among Pregnant African American Women. Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN). (June 2019, Atlanta, GA).

11. Saadat N, Lydic T, **Misra D**, Giurgescu C. Lipidomics Profiles are Related to Preterm Birth and Depressive Symptoms in Pregnant African American Women. FASEB, Experimental Biology. (April 2019, Orlando, FL).
12. Saadat N, Stemmer P, **Misra D**, Giurgescu C. Integrative approach to investigate depressive symptoms, social factors and proteomic profiles in African American pregnant women. Contemporary Issues in Urban Health: Building Healthier Communities through Nursing Science. (Wayne State University College of Nursing, April 2019).
13. Saadat, N, Lydic T, **Misra, D**, Giurgescu C. Lipidomics Profiles are Related to Preterm Birth and Depressive Symptoms in Pregnant African American Women. Wayne State University Graduate and Postdoctoral Research Symposium. (March 2019, Wayne State University, Detroit, MI). 3<sup>rd</sup> Place Poster Presentation Award.
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15. Saadat, N, Stemmer, P, **Misra, D**, Giurgescu, C. Depressive Symptoms Are Associated with Proteomics Profiles Among Pregnant African American Women. The Midwest Nursing Research Society (MNRS) 43rd Annual Research Conference. (March 2019, Kansas City, MO). (Awarded with Abstract of Distinction.)
16. Slaughter-Acey J, Sneed D, Lee N, **Misra DP**. Racial Microaggressions And Receipt of Prenatal care in African American Women: Does Skin Tone Influence the Relationships? Annual Meeting of the Society for Epidemiologic Research (June 2018, Baltimore, MD).
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18. Sealy-Jefferson S, **Misra DP**. Neighborhood Tax Foreclosures and Preterm Birth among Urban Black Women: Effect Modification by Educational Attainment. Annual Meeting of the Society for Epidemiologic Research (June 2018, Baltimore, MD)
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20. Saadat, N, Stemmer, P, **Misra, D**, Giurgescu, C. Changes in Proteomic profiles of the African American Pregnant Women with Depression and Identification of the Biomarkers of Preterm Birth. RoBUST Symposium. (September 2018, Wayne State University, Detroit, MI).
21. Sealy-Jefferson S, Edmonds M, **Misra DP**. Joint effect of perceptions of early-life neighborhood stressors and current stress on preterm delivery among urban African American women. Annual Meeting of the Society for Epidemiologic Research (June 2017, Seattle, WA)

22. Giurgescu, C., Zenk, S.N., Templin, T.N., Engeland, C.G., Kavanaugh, K. & **Misra, D.P.** (2016, September). The impact of neighborhood conditions and psychological distress on preterm birth in African American women. Paper presented at the Council for the Advancement of Nursing Science *Determinants of Health State of the Science Congress on Nursing Research* (awarded with Abstract of Distinction).
23. Slaughter-Acey, JC, Abeysekara, P, Giurgescu, C, Caldwell, CH, and **Misra, DP.** Depressive Symptomology and the Rate of Adverse Birth Outcomes: Do coping efforts modify the relationship? Epidemiology Congress of the Americas 2016, Miami, FL June 2016.
24. Abeysekara, P, Slaughter-Acey, JC, Kern, J and **Misra, DP.** Examining the Link between Physical Activity and Preterm Birth in the Presence of Depressive Symptoms. 2016 CityMatCH Leadership and MCH Epidemiology Conference, Philadelphia, PA, September 2016.
25. Sealy-Jefferson, S., Messer, L., Slaughter-Acey, J., **Misra, D.P.** Multi-level Associations between Objective and Subjective Reports of the Residential Environment among African American Women. Annual Meeting of the Society for Epidemiologic Research. (June 2016, Miami, FL)
26. Sealy-Jefferson, S., Giurgescu, C., Slaughter-Acey, J., Caldwell, C.H., **Misra, D.P.** Neighborhood Quality and Preterm Delivery among African American Women: The Mediating Role of Mental Health. Annual Meeting of the Society for Epidemiologic Research. (June 2016, Miami, FL)
27. Sealy-Jefferson, S., Slaughter-Acey, J., Caldwell, C.H., **Misra, D.P.** Does Religious Coping Moderate the Association between Neighborhood Disadvantage and Preterm Delivery in Urban African Americans? Annual Meeting of the Society for Epidemiologic Research. (June 2016, Miami, FL).
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30. Slaughter, JC, Ekshyyan, L, Caldwell, CH, and **Misra, D.** Depressive Symptomology, Physical Health, and Preterm Birth among Black Women: The Life-course Influences on Fetal Environments (LIFE) Study. American Women. Society for Pediatric and Perinatal Epidemiology 2015 Annual Meeting, Denver, CO, June 2015.
31. Ekshyyan, L, Slaughter, JC, Caldwell, CH, and **Misra, D.** Characteristics Associated with Severe Psychological Distress (SPD) in a Cohort of African American (AA) Pregnant Women. American Public Health Association 2015 Annual Meeting, Chicago, Illinois, November 2015.

32. Osypuk, T, Slaughter, J, Kehm, R, **Misra, D.** (2015) Is social mobility across the life-course associated with birth outcomes? The Life-course Influences on Fetal Environment (LIFE) Study. Population Association of America. San Diego, CA
33. Salafia, C, **Misra, D,** (2015). Mode bifurcation angles in placental chorionic plate vasculature closely follow hydrodynamic laws. *Society for Reproductive Sciences.*
34. Salafia, C, **Misra, D,** (2015) Chorionic plate surface vessel works and Murray's Law: Relationship of vessel numbers and calibers. *Society for Reproductive Sciences.*
35. Salafia, C, **Misra, D.** (2015) Validation of tracing protocol and automated feature extraction of placental chorionic surface vessel networks. *Society for Reproductive Sciences.*
36. **Misra, DP,** \*Vickers, J. (2014) Place of Worship Relationship Satisfaction and Pregnancy Weight Gain in African-American Women. *American Public Health Association.* Graduate Student Poster Session. New Orleans, LA.
37. Miller, RK, Stodgell, CJ, Katzman, P, Friedman, A, Friedman, M, Salafia, C, Chen, J, Schadt, EE, Hao, K, Lambertini, L, Littman, L, Sheffield, P, Landrigan, P, Walker, C, Darrah, T, Li, A, Dassayake, S, Szabo, S, Aagaard, A, Hobbs, C, Clark, EB, Varner, M, Dole, N, Culhane, J, Swanson, J, Thiex, N, Murray, J, Busch, T, **Misra, D,** Moye, J, Kasten, C, O'Brien, B and the National Children's Study Placenta Consortium. (2014) Human Placental Study of Genetics/Genomics, Environmental Contaminant and Morphology Assessments from 12 US Counties – Methods and Results from the US National Children's Study (NCS). *International Federation of Placenta Associations (IFPA), Paris, France. Placenta 35: A2.*
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39. **Misra, DP,** \*Vickers, J. (2014) Place of Worship Relationship Satisfaction and Pregnancy Weight Gain in African-American Women. *Michigan Epidemiology Conference.* E. Lansing, MI.
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42. \*Straughen, JK, Caldwell, CH, Osypuk, TL, \*Sealy-Jefferson, S, \*Slaughter, JC, Helmkamp, L, Dailey, R, **Misra, DP.** (2013) Life course body weight and risk of small for gestational age and large for gestational age. *Society for Pediatric and Perinatal Epidemiology (SPER), Boston, MA.*
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49. Osypuk, TL, \*Sealy-Jefferson, S, \*Slaughter, JC, \*Straughen, JK, Helmkamp, L, **Misra, DP.** (2013). Creating valid and reliable retrospective measures of childhood neighborhood context for reproductive health studies. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
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51. Salafia, C, **Misra, D,** Stodgell, C, Katzman, P, Ruffolo, L, Culhane, J, Wadlinger, S, Wapner, R, Torres, C, Landrigan, P, Littman, L, Sheffield, P, Leuthner, S, Szabo, S, Thieux, N, Specker, B, Swanson, J, Miller, RK, Moye, J, Durkin, M. (2013). The majority of variance in birthweight relative to placental weight (as  $\beta = \ln(Pw)/\ln(BW)$ ) is accounted for by detailed novel placental exposures: Implications for fetal origins work. *IFPA*, Whistler, Canada. *Placenta 34*: A14.
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53. Salafia, CS, Platt, C, Golding, J, Ring, S, **Misra, DP.** (2012). Characterization of Placental Growth as a Biomarker of Autism/ASD Risk. *IFPA*, Hiroshima, Japan. *Placenta 33*: A16.
54. **Misra DP,** Salafia CS, Getruer P, Yinying L, Miller RK (2012). Cost-Effective, Reproducible, and Reliable Automated Diagnosis of Intraamniotic Infection for Population Based Research from Placentae in the National Children's Study. *IFPA*, Hiroshima, Japan. *Placenta 33*: A22.

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63. Salafia, CM, **Misra, DP**, Charles, AK, Miller, RK. (2010) Advanced parental ages and placental thickness associated with IQ at age 7 years. *IFPA*, Santiago, Chile.
64. Osypuk, TL, Misra, D. (2010) "Measurement of Early Life Neighborhood Context & Associations with Adulthood Mental Health Among Postpartum Black Women." *American Journal of Epidemiology*, 171(11 Suppl): S451.
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67. Payne, F, Porter, H, Charles, A, **Misra, D**, Salafia, C. (2010). Distribution of placental lesions in a birth cohort: Incidence and associations of placental infarcts. *Reproductive Sciences* 17 (3 Suppl): 230A.

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69. Salafia, C, **Misra, D**, Troxler, L, Mandel, D, Yampolsky, M. (2010). Thickness as a predictor of  $\beta$ , the allometric scaling coefficient relating birth and placental weight. *Reproductive Sciences* 17 (3 Suppl): 230A.
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71. Vahratian, A, Misra, VK, **Misra, DP**. (2009). Pre-pregnancy body mass index and time-dependent changes in lipid levels during pregnancy. *SPER*, Anaheim, CA.
72. Caldwell, C, **Misra, DP**, Young, A, \*Johnson, J. (2009). "Fathers Matter": Depressive Symptoms Among Black Fathers in the Perinatal Period. *Michigan Family Medicine Research Day*.
73. Salafia, CM, Chadha, K, **Misra, DP**, Charles, AK, Miller, RK. (2009). Birthweights smaller or larger than the placenta predict BMI at age 7 years in the Collaborative Perinatal Project. *Society for Pediatric Pathology (SPP)*, Boston, MA.
74. Salafia, CM, **Misra, DP**, Charles, AK, Miller, RK (2009). Birthweights smaller or larger than the placenta predict diastolic blood pressure at age 7 years: An Analysis of the Collaborative Perinatal Project (CPP). *SPP*, Boston, MA.
75. Salafia, CM, **Misra, DP**, Charles, AK, Miller, RK (2009). Advanced paternal age affects birth weight and placental thickness of female but not male infants: An Analysis of the Collaborative Perinatal Project. *SPP*, Boston, MA.
76. O'Campo, P, Ahmad, F, Strobino, D, **Misra, D**. (2008). Partner abuse and adverse outcomes of pregnancy: A cohort study. *SPER*, Chicago, IL.
77. **Misra, D**, Grason, H. (2007). Strategies and systems for preconception risk communication regarding environmental hazards for maternal and infant health. *Second National Summit on Preconception Health and Health Care*, Oakland, CA.
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81. **Misra, D**, \*Trabert, B, \*Atherly-Trim, S. (2005). Variation and predictors of vaginal douching. *SPER*, Toronto, Canada.
82. **Misra, D**, \*Trabert, B. (2005). Influence of vaginal douching on perinatal outcomes. Annual *SPER*, Toronto, Canada
83. Astone, NM, **Misra, DP**, \*Johnson, CD. (2003). The effect of grandmaternal and maternal health and socioeconomic factors on birth weight. *Population Association of America*, Minneapolis, Minnesota.
84. \*Boskey, ER, O'Campo, PJ, Strobino, DM, **Misra, DP**. (2002). The acceptability and quality of self-sampled vaginal smears in a pregnant urban minority population. Annual meeting of the American Association of Reproductive Health Research, Denver, Colorado.
85. \*Atherly-Trim, SA, \*Boskey, ER, Strobino, DM, O'Campo, P, **Misra, DP**. (2002). Douching habits in African-American pregnant women. *SPER*, Palm Springs, California.
86. **Misra, DP**. (2001). Effect of maternal age on the risk of infant mortality among twins. *SPER*, Toronto.
87. Ananth CV, **Misra DP**, Demissie K, Smulian JC. (2001) Preterm delivery among black and white women in the United States over two decades: An age, period, and cohort analysis. *American Journal of Epidemiology* 2001;154:657.
88. **Misra, DP**, O'Campo, P, Strobino, DM. (1998). A sociomedical model for preterm delivery. *SPER*, Chicago, IL.
89. Ananth CV, **Misra DP**, Smulian JC. (1998) Epidemiology of small for gestational age births in two successive pregnancies. *SPER*, Chicago, IL.
90. **Misra, DP**, Ananth, CV. (1998). Risk factor profiles of placental abruption in first and second pregnancies: heterogeneous etiologies. *SPER*, Chicago, IL.
91. **Misra, D**. (1998). Reproductive Health Policy Issues. *Women's Progress Conference*, Washington, DC.
92. Guyer, B, **Misra, D**, \*Hawkins, M, Stofan, J. (1998). Distance learning in MCH. *American Public Health Association (APHA)*, Washington, DC.
93. Strobino, DM, **Misra, D**, Nanda, J, Oberdorf, MA, Johnson, T. (1996). Predictors of maternal transport. *APHA*, New York, NY.
94. Claude, HJM, Ford, JG, **Misra, DP**, Nash, L, McLean, D, Richardson, L, Findley, S, Copeland, L, Felton, CP. (1996). Defining educational needs of asthma care providers in Harlem. *American Thoracic Society*.

95. McLean, DE, Ford, JG, Richardson, L, Findley, S, **Misra, DP**, Felton, CP. (1996). Stress, emotions and environmental triggers for asthma: Determinants of emergency department use in Harlem. *American Thoracic Society*.
96. **Misra, DP**, Kiely, JL. (1993). The effect of smoking on risk of gestational hypertension. *SPER*, Snowbird, UT.

#### **NON-PEER REVIEWED PUBLICATIONS**

1. **Misra, DP**. (2016). Data Snapshot on Health in Detroit 2016. Wayne State University. 2016 Mayor's Summit on Health Equity in Detroit.
2. FIMR Evaluation Team. (2001). The Evaluation of FIMR Programs Nationwide: Early Findings. Women's and Children's Health Policy Center (WCHPC), Johns Hopkins University School of Hygiene & Public Health (JHUSHPH).
3. FIMR Evaluation Team. (2001). The Evaluation of FIMR Programs Nationwide: FIMR Program Structure, Organization, and Process. WCHPC, JHUSHPH.
4. **Misra, D**. (2000). Book review of "Tobacco and Women's Health". *Journal of the American Medical Association*. 284(6): 766-767.
5. **Misra, DP**. (1998) Maternal Health (Recommendations, Rationale, and Action Steps). In "Closing the Gap: Final Report of the Expert Panel on African-American/White Infant Mortality Gap." Maryland Commission on Infant Mortality Prevention, Governor's Office for Children Youth and Families.
6. **Misra, DP**, Grason, H. (1996). Beyond review: Moving Fetal/Infant Mortality Review (FIMR) recommendations into systems change. A summary of Healthy Start FIMR Recommendations and Action. Johns Hopkins University Child and Adolescent Health Policy Center, Baltimore, MD.
7. Bacchi, D, (**Misra**) **Phillips, D**, Kessel, W, Smith, D. (1989). Federal programs affecting rural perinatal health care. *The Journal of Rural Health*. 5 (4): 413-424.

#### **PRESENTATIONS:**

##### **Podium Presentations (refereed)**

1. Zhang L, Dailey R, Wong A, Dove-Medows E, Price M, **Misra DP**, Giurgescu C. (June 2021). Racial discrimination, marijuana use, mental health in pregnant African-American women. *Society for Pediatric and Perinatal Epidemiology (SPER)*.
2. Slaughter-Acey, JC, Brown, TN, Keith, VM, **Misra, DP**. (November 2019). A Tale of Two Generations: Maternal Skin Color and Preterm Delivery in African American Women. American Public Health Association (APHA), Philadelphia, PA.
3. Sealy-Jefferson, S, Dailey, R, **Misra, DP**. (September 2019). Marital/cohabiting status, Neighborhood Evictions, and Preeclampsia among African American women: a Multi-level Analysis. CityMatCH Leadership Conference, Providence, RI.

4. Sealy-Jefferson, S, Butler, B, Elmi, H, Stevens, A, Bosa, C, **Misra, D.** (June 2019) Joint Impact of Neighborhood Evictions and Marital/cohabiting Status on Risk of Preterm Birth among African American Women. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Minneapolis, MN.
5. Saadat, N, Stemmer, P, **Misra, D**, Giurgescu, C. An omic approach to investigate depressive symptoms, biological factors and preterm birth in pregnant African American women. Michigan Academy of Science and Letters (MASAL) (March 2019, Alma College, Alma, MI)
6. Saadat N, Stemmer P, **Misra D**, Giurgescu C. Integrative approach to investigate depressive symptoms, social factors and proteomic profiles in African American pregnant women. Contemporary Issues in Urban Health: Building Healthier Communities through Nursing Science. (Wayne State University College of Nursing, April 2019).
7. Saadat, N, Stemmer, P, **Misra, D**, Giurgescu, C. Changes in Proteomic profiles of the African American Pregnant Women with Depression and Identification of the Biomarkers of Preterm Birth. RoBUST Symposium. (September 2018, Wayne State University, Detroit, MI).
8. **Misra, D.** (2018). Moderator and speaker for panel: Why do Black Women Experience Higher Rates of Preterm Birth? Panel presentation at the *Detroit Institute for Health Equity in Birth Outcomes 2018 Conference* “In Pursuit of a Baby Friendly Detroit-Affirming the Value of Women.” Detroit, MI.
9. Giurgescu, C., Zenk, S.N., Templin, T.N., Engeland, C.G., Kavanaugh, K. & **Misra, D.P.** (2016, September). The impact of neighborhood conditions and psychological distress on preterm birth in African American women. Paper presented at the Council for the Advancement of Nursing Science *Determinants of Health State of the Science Congress on Nursing Research* (awarded with Abstract of Distinction).
10. Osypuk, T, Slaughter, J, Kehm, R, **Misra, D.** (2015) Is social mobility across the life-course associated with birth outcomes? The Life-course Influences on Fetal Environment (LIFE) Study. *Population Association of America.* San Diego, CA
11. Osypuk,T, Kehm, R, Slaughter-Acey, J, **Misra, D.** (2014) Is social mobility across the life-course associated with low birthweight? The Life-course Influences on Fetal Environment (LIFE) Study. *Society for Epidemiologic Research*, Seattle, WA.
12. \*Sealy-Jefferson, S, Caldwell, CH, \*Slaughter, JC, \*Straughen, JK, Helmkamp, L, Dailey, R, **Misra, DP**, Osypuk, TL. (2013) Perceived neighborhood social and physical environment and preterm delivery in African American women. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
13. **Misra, DP**, Salafia, CS, Getruer, P, Yinying, L, Miller, RK (2012). Cost-Effective, Reproducible, and Reliable Automated Diagnosis of Intraamniotic Infection for Population Based Research from Placentae in the National Children's Study. *Teratology Society*, Baltimore, MD.

14. \*Straughen, JK, Caldwell, CH, Osypuk, TL, Dailey, R, **Misra, DP** (June 2011). Direct and Proxy Recall of Childhood Socioeconomic Environment: Comparison of Mother and Grandmother Reports among Black Women. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Montreal, Canada.
15. Osypuk, TL, Caldwell, C, **Misra, D.** (June 2010) Measurement of Early Life Neighborhood Context & Associations with Adulthood Mental Health among Postpartum Black Women. *Society for Epidemiologic Research (SER)*, Seattle, WA.
16. Salafia, CM, Chadha, K, **Misra, DP**, Charles, AK, Miller, RK. (March 2009). Birthweights smaller or larger than the placenta predict BMI at age 7 years in the Collaborative Perinatal Project. *Society for Pediatric Pathology (SPP)*, Boston, MA.
17. Salafia, CM, **Misra, DP**, Charles, AK, Miller, RK (March 2009). Birthweights smaller or larger than the placenta predict diastolic blood pressure at age 7 years: An Analysis of the Collaborative Perinatal Project. *SPP*, Boston, MA.
18. Salafia, CM, **Misra, DP**, Charles, AK, Miller, RK (March 2009). Advanced paternal age affects birth weight and placental thickness of female but not male infants: An Analysis of the Collaborative Perinatal Project. *SPP*, Boston, MA.
19. Caldwell, C, **Misra, DP (presenter)**, Young, A, \*Johnson, J. (May 2009). "Fathers Matter": Depressive Symptoms Among Black Fathers in the Perinatal Period. Michigan Family Medicine Research Day.
20. O'Campo, P, Ahmad, F, Strobino, D, **Misra, D.** (June 2008). Partner abuse and adverse outcomes of pregnancy: A cohort study. *SPER*, Chicago, IL.
21. **Misra, D**, Grason, H. (October 2007). Strategies and systems for preconception risk communication regarding environmental hazards for maternal and infant health. *Second National Summit on Preconception Health and Health Care*, Oakland, CA.
22. Astone, NM, **Misra, DP**, \*Johnson, CD. (May 2003). The effect of grandmaternal and maternal health and socioeconomic factors on birth weight. *Population Association of America*, Minneapolis, Minnesota.
23. \*Boskey, ER, O'Campo, PJ, Strobino, DM, **Misra, DP**. (September 2002). The acceptability and quality of self-sampled vaginal smears in a pregnant urban minority population. *American Association of Reproductive Health Research*, Denver, Colorado.
24. **Misra, DP**, O'Campo, P, and Strobino, DM. (June 1998). A sociomedical model for preterm delivery. *SPER*, Chicago, IL.
25. Claude, HJM, Ford, JG, **Misra, DP**, Nash, L, McLean, D, Richardson, L, Findley, S, Copeland, L, Felton, CP. (1996). Defining educational needs of asthma care providers in Harlem. *American Thoracic Society*.
26. Guyer, B, **Misra, D**, \*Hawkins, M, Stofan, J. (November 1998). Distance learning in MCH. *American Public Health Association*, Washington, DC.

27. Strobino, DM, **Misra, D**, Nanda, J, Oberdorf, MA, Johnson, T. (November 1996). Predictors of maternal transport. *American Public Health Association*, New York, NY.
28. McLean, DE, Ford, JG, Richardson, L, Findley, S, **Misra, DP**, Felton, CP. (1996). Stress, emotions and environmental triggers for asthma: Determinants of emergency department use in Harlem. *American Thoracic Society*.

#### **Poster Presentations (refereed)**

1. Dove-Medows, E, Kavanaugh, K, Deriemacker, A, Walker, D, Dailey, R, **Misra, D**, Giurgescu. *Black Women's Perceptions of Neighborhoods, Experiences of Racial Discrimination, and Psychological Distress During Pregnancy: A Mixed Methods Approach*. 14<sup>th</sup> Annual Normal Labor and Birth Research Conference. (June 2019, Grange-Over-Sands, England.) Runner Up Best Poster Award.
2. **Misra, D**, Zhang, L, Dailey, R, Price, M, Giurgescu, C. (June 2019) Family Prenatal Involvement and Psychological Health in Pregnant Black Women in the Biosocial Impacts on Black Births (BIBB) Study. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Minneapolis, MN.
3. Zhang, L, Dailey, R, Price, M, **Misra, D**, Giurgescu, C. (June 2019) Intimate Partner Violence and Psychological Health in Pregnant Black Women in the Biosocial Impacts on Black Births (BIBB) Study. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Minneapolis, MN.
4. Dailey, R, Zhang, L, Frey, H, Price, M, **Misra, D**, Giurgescu, C. (June 2019) Prenatal Marijuana Use and Psychological Health in Pregnant Black Women in the Biosocial Impacts on Black Births (BIBB) Study. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Minneapolis, MN.
5. Eboh R, Giurgescu C, **Misra D**. *Relationship with the Father of the Baby and Perceived Stress Among Black Women*. 23<sup>rd</sup> Annual Posters on the Hill. (Over 350 submissions and just 60 posters accepted to be presented on Capitol Hill) (April 2019, Washington, DC)
6. Giurgescu C, Zhang L, Price M, Dailey R, **Misra D**. Substance Use Mediates the Association of Experiences of Racial Discrimination with Depressive Symptoms Among Pregnant African American Women. Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN). (June 2019, Atlanta, GA).
7. Saadat N, Lydic T, **Misra D**, Giurgescu C. Lipidomics Profiles are Related to Preterm Birth and Depressive Symptoms in Pregnant African American Women. FASEB, Experimental Biology. (April 2019, Orlando, FL).
8. Saadat, N, Lydic T, **Misra, D**, Giurgescu C. Lipidomics Profiles are Related to Preterm Birth and Depressive Symptoms in Pregnant African American Women. Wayne State University Graduate and Postdoctoral Research Symposium. (March 2019, Wayne State University, Detroit, MI). 3<sup>rd</sup> Place Poster Presentation Award.
9. Saadat, N, Stemmer, P, **Misra, D**, Giurgescu, C. An omic approach to investigate depressive symptoms, biological factors and preterm birth in pregnant African American women. Michigan Academy of Science and Letters (MASAL) (March 2019, Alma College, Alma, MI)



10. Saadat, N, Stemmer, P, **Misra, D**, Giurgescu, C. Depressive Symptoms Are Associated with Proteomics Profiles Among Pregnant African American Women. The Midwest Nursing Research Society (MNRS) 43rd Annual Research Conference. (March 2019, Kansas City, MO). (Awarded with Abstract of Distinction).
11. Saadat, N, Stemmer, P, **Misra, D**, Giurgescu, C. Integrative approach to investigate depressive symptoms, social factors and proteomic profiles in African American pregnant women. Southeast Michigan Postdoctoral Symposium. (October 2018, University of Michigan, Ann Arbor, MI)
12. Slaughter-Acey J, Sneed D, Lee N, **Misra DP**. Racial Microaggressions And Receipt of Prenatal care in African American Women: Does Skin Tone Influence the Relationships? Annual Meeting of the Society for Epidemiologic Research (June 2018, Baltimore, MD).
13. Slaughter-Acey J, Brown T, Keith V, **Misra DP**. The Relationship between Skin Color and Preterm Delivery in African American Women in the Life Course and Fetal Environments (LIFE) Study. Annual Meeting of the Society for Epidemiologic Research (June 2018, Baltimore, MD)
14. Sealy-Jefferson S, **Misra DP**. Neighborhood Tax Foreclosures and Preterm Birth among Urban Black Women: Effect Modification by Educational Attainment. Annual Meeting of the Society for Epidemiologic Research (June 2018, Baltimore, MD)
15. Sealy-Jefferson S, Edmonds M, **Misra DP**. Joint effect of perceptions of early-life neighborhood stressors and current stress on preterm delivery among urban African American women. Annual Meeting of the Society for Epidemiologic Research (June 2017, Seattle, WA)
16. Sealy-Jefferson, S., Messer, L., Slaughter-Acey, J., **Misra, D.P**. Multi-level Associations between Objective and Subjective Reports of the Residential Environment among African American Women. Annual Meeting of the Society for Epidemiologic Research. (June 2016, Miami, FL)
17. Sealy-Jefferson, S., Giurgescu, C., Slaughter-Acey, J., Caldwell, C.H., **Misra, D.P**. Neighborhood Quality and Preterm Delivery among African American Women: The Mediating Role of Mental Health. Annual Meeting of the Society for Epidemiologic Research. (June 2016, Miami, FL)
18. Sealy-Jefferson, S., Slaughter-Acey, J., Caldwell, C.H., **Misra, D.P**. Does Religious Coping Moderate the Association between Neighborhood Disadvantage and Preterm Delivery in Urban African Americans? Annual Meeting of the Society for Epidemiologic Research. (June 2016, Miami, FL).
19. Sealy-Jefferson, S., Giurgescu, C., Slaughter-Acey, J., Caldwell, C.H., **Misra, D.P**. Neighborhood Quality and Preterm Delivery among African American Women: The Mediating Role of Mental Health. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research. (June 2016, Miami, FL)
20. Sealy-Jefferson, S., Slaughter-Acey, J., Caldwell, C.H., **Misra, D.P**. Does Religious Coping Moderate the Association between Neighborhood Disadvantage and Preterm Delivery in Urban African Americans? Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research. (June 2016, Miami, FL)

21. Slaughter-Acey, JC, Abeyssekara, P, Giurgescu, C, Caldwell, CH, and **Misra, DP**. Depressive Symptomology and the Rate of Adverse Birth Outcomes: Do coping efforts modify the relationship? Epidemiology Congress of the Americas 2016, Miami, FL June 2016.
22. Slaughter, JC, Ekshyyan, L, Caldwell, CH, and **Misra, D**. Depressive Symptomology, Physical Health, and Preterm Birth among Black Women: The Life-course Influences on Fetal Environments (LIFE) Study. American Women. Society for Pediatric and Perinatal Epidemiology 2015 Annual Meeting, Denver, CO, June 2015.
23. Ekshyyan, L, Slaughter, JC, Caldwell, CH, and **Misra, D**. Characteristics Associated with Severe Psychological Distress (SPD) in a Cohort of African American (AA) Pregnant Women. American Public Health Association 2015 Annual Meeting, Chicago, Illinois, November 2015.
24. Osypuk, T, Slaughter, J, Kehm, R, **Misra, D**. (2015) Is social mobility across the life-course associated with birth outcomes? The Life-course Influences on Fetal Environment (LIFE) Study. Population Association of America. San Diego, CA
25. Mallapareddi, A, **Misra, D**. (2015) Life-Course Financial Status and Its Relationship with Depressive Symptom Severity in African-American Pregnant Women. Wayne State University Masters Showcase. Detroit, MI.
26. Salafia, C, **Misra, D**, (2015). Mode bifurcation angles in placental chorionic plate vasculature closely follow hydrodynamic laws. *Society for Reproductive Investigation*. San Francisco, CA.
27. Salafia, C, **Misra, D** (2015) Chorionic plate surface vessel works and Murray's Law: Relationship of vessel numbers and calibers. *Society for Reproductive Investigation*. San Francisco, CA.
28. Salafia, C, **Misra, D** (2015) Validation of tracing protocol and automated feature extraction of placental chorionic surface vessel networks. *Society for Reproductive Investigation*. San Francisco, CA.
29. **Misra, DP**, \*Vickers, J. (2014) Place of Worship Relationship Satisfaction and Pregnancy Weight Gain in African-American Women. *Michigan Epidemiology Conference*. E. Lansing, MI.
30. **Misra, DP**, Caldwell, CH, Osypuk, TL, \*Sealy-Jefferson, S, \*Slaughter, JC, \*Straughen, JK, Helmkamp, L, Dailey, R. (June 2013) Effects of racism on risk for preterm birth. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
31. \*Straughen, JK, Caldwell, CH, Osypuk, TL, \*Sealy-Jefferson, S, \*Slaughter, JC, Helmkamp, L, Dailey, R, **Misra, DP**. (June 2013) Life course body weight and risk of preterm delivery. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
32. \*Straughen, JK, Caldwell, CH, Osypuk, TL, \*Sealy-Jefferson, S, \*Slaughter, JC, Helmkamp, L, Dailey, R, **Misra, DP**. (June 2013) Life course body weight and risk of small for gestational age and large for gestational age. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.

33. \*Slaughter , JC, Caldwell, CH, **Misra, DP**. (June 2013) The Influence of Personal- and Group-level Interpersonal Racism on Entry into Prenatal Care among African American Women. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
34. \*Hill, T, \*Slaughter, JC, \*Straughen, JK, **Misra, DP**. (June 2013). Relation of the Content of Prenatal Care to Feelings of Discrimination in African American Women. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
35. \*Sealy-Jefferson, S, \*Hegner, K, Helmkamp, L, **Misra, DP** (June 2013) Exercise During Pregnancy and Preterm Delivery in African American Women From the Baltimore Preterm Birth Study. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
36. \*Sealy-Jefferson, S, Caldwell, CH, Osypuk, TL, \*Slaughter, JC, \*Straughen, JK, Helmkamp, L, Dailey, R, **Misra, DP**. (June 2013). Physical activity and preterm delivery among African American women: Life-course Influences on Fetal Environments study. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
37. Osypuk, TL, \*Sealy-Jefferson, S, \*Slaughter, JC, \*Straughen, JK, Helmkamp, L, **Misra, DP**. (June 2013). Is childhood neighborhood context associated with preterm birth? The Life-course Influences on Fetal Environment (LIFE) Study *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
38. Osypuk, TL, \*Sealy-Jefferson, S, \*Slaughter, JC, \*Straughen, JK, Helmkamp, L, **Misra, DP**. (June 2013). Creating valid and reliable retrospective measures of childhood neighborhood context for reproductive health studies. *Society for Pediatric and Perinatal Epidemiology (SPER)*, Boston, MA.
39. Salafia, CS, Yampolsky, M, Shlakhter, A, **Misra, DP** (September 2012). Analysis of placental shape and cord insertion in a related cohort of familial autism, the EARLI cohort. *International Federation of Placenta Associations (IFPA)*, Hiroshima, Japan.
40. Salafia, CS, Platt, C, Golding, J, Ring, S, **Misra, DP** (September 2012). Characterization of Placental Growth as a Biomarker of Autism/ASD Risk. *IFPA*, Hiroshima, Japan.
41. **Misra, DP**, Salafia, CS, Getruer, P, Yinying, L, Miller, RK (September 2012). Cost-Effective, Reproducible, and Reliable Automated Diagnosis of Intraamniotic Infection for Population Based Research from Placentae in the National Children's Study. *IFPA*, Hiroshima, Japan.
42. \*Straughen, JK, **Misra, DP**, Misra, VK. (June 2012). The Relationship Between a Placental Antiangiogenic Factor and Maternal Metabolic Factors during Pregnancy: The Influence of Overweight and Obesity. *Society for Pediatric and Perinatal Epidemiology (SPER)*.
43. \*Straughen, JK, **Misra, DP**, Misra, VK. (October 2011). The Relationship between a Placental Anti-angiogenic Factor and Maternal Metabolic Factors during Pregnancy: The Influence of Overweight and Obesity. *The Obesity Society (TOS)*, Orlando, Florida.
44. \*Straughen, JK, Caldwell, CH, Osypuk, TL, Dailey, R, **Misra, DP** (June 2011). Direct and Proxy Recall of Childhood Body Size: Comparison of Mother and Grandmother Reports among Black Women. *SPER*, Montreal, Canada.

45. \*Straughen, JK, Caldwell, CH, Osypuk, TL, Dailey, R, **Misra, DP** (June 2011). Direct and Proxy Recall of Childhood Health: Comparison of Mother and Grandmother Reports among Black Women. *SPER*, Montreal, Canada.
46. Osypuk, TL, Caldwell, C, Platt, R, **Misra, D.** (June 2011). Effects of Foreclosure on Severe Depressive Symptoms at Delivery among Black Women. *SPER*, Montreal, Canada.
47. Salafia, CM, **Misra, DP**, Charles, AK, Miller, RK. (October 2010) Advanced parental ages and placental thickness associated with IQ at age 7 years. International Federation of Placenta Associations (IFPA). Santiago, Chile.
48. Gill JS, Grebenkov, D, Salafia, CM, **Misra, DP**, Vvedensky, D. (October 2010). Functional Analysis of Capillaries within Villi of the Human Placenta: Area, Flux, and Birth Weight, Placental Weight and Gestational Age. *IFPA*, Santiago, Chile.
49. Heuton, K, Sanchez, B, Wang, C, Salafia, C, **Misra, D**, Zhang, X, Eucker, B, Thorp, J. (March 2010). Umbilical cords are more centrally inserted in placentas of African-American mothers. *Society for Gynecologic Investigation (SGI)*, Orlando, FL.
50. Payne, F, Porter, H, Charles, A, Salafia, C, **Misra, D**, Golding, J. (March 2010). Distribution of placental lesions in a birth cohort: Incidence and associations of acute inflammation. *SGI*, Orlando, FL.
51. Payne, F, Porter, H, Charles, A, **Misra, D**, Salafia, C. (March 2010). Distribution of placental lesions in a birth cohort: Incidence and associations of placental infarcts. *SGI*, Orlando, FL.
52. Salafia, C, **Misra, D**, Troxler, L, Mandel, D, Yampolsky, M. (March 2010). Thickness as a predictor of  $\beta$ , the allometric scaling coefficient relating birth and placental weight. *SGI*, Orlando, FL.
53. Salafia, C, Mandel, D, Troxler, L, Charles, A, **Misra, D.** (March 2010). Does thickness predict BW or fetal growth (adjusting for gestational age) overall and after controlling for placental weight? *SGI*, Orlando, FL.
54. Vahratian, A, Misra, VK, **Misra, DP.** (June 2009). Pre-pregnancy body mass index and time-dependent changes in lipid levels during pregnancy. *SPER*, Anaheim, CA.
55. Adair, CD, Lin, ZQ, Richards, S, Miller, RK, **Misra, D**, Duthie, B, Mason, L. (March 2006). Human placental arsenic levels are associated with low birth weight. *SGI*, Toronto, Canada.
56. Salafia, C, Adair, CD, Miller, RK, **Misra, D**, Burdy-Shaw, C, Richards, S, Mason, L, Charles, A. (March 2006). Reduced chorionic vascular “fit” is correlated with shortened gestation and reduced observed/expected birth weight ratio. *SGI*, Toronto, Canada.
57. **Misra, D**, \*Trabert, B, O’Campo, P, Strobino, D, \*Camlin, C. (June 2005). Effect of racism on risk of preterm birth. *SPER*, Toronto, Canada.
58. **Misra, D**, \*Trabert, B, \*Atherly-Trim, S. (June 2005). Variation and predictors of vaginal douching. *SPER*, Toronto, Canada.

59. **Misra, D**, \*Trabert, B. (June 2005). Influence of vaginal douching on perinatal outcomes. *SPER*, Toronto, Canada
60. \*Atherly-Trim, SA, \*Boskey, ER, Strobino, DM, O'Campo, P, **Misra, DP**. (June 2002). Douching habits in African-American pregnant women. *SPER*, Palm Springs, California.
61. **Misra, DP**. (June 2001). Effect of maternal age on the risk of infant mortality among twins. *SPER*, Toronto.
62. Ananth CV, **Misra DP**, Demissie K, Smulian JC. (June 2001) Preterm delivery among black and white women in the United States over two decades: An age, period, and cohort analysis. *Congress of Epidemiology/Society for Epidemiologic Research*, Toronto, Canada.
63. Ananth CV, **Misra DP**, Smulian JC. (June 1998) Epidemiology of small for gestational age births in two successive pregnancies. *SPER*, Chicago, IL.
64. **Misra, DP**, Ananth, CV. (June 1998). Risk factor profiles of placental abruption in first and second pregnancies: heterogeneous etiologies. *SPER*, Chicago, IL.
65. **Misra, DP**, Kiely, JL. (1993). The effect of smoking on risk of gestational hypertension. *SPER*, Snowbird, UT.

### **Invited Lectures/Presentations**

#### *International/national*

1. **Misra, DP** (May 2017). Measurement of life course exposures and experiences. Presented at Maternal and Child Health Symposium "Looking Back to Look Forward: Life Course Epidemiology through a Maternal and Child Health Perspective," Drexel University, Philadelphia, Pennsylvania.
2. **Misra, DP**. (March 2017). Health and status of women and girls in the United States. Presented at the 2017 Maya Angelou International Women's Health Summit, Winston-Salem, North Carolina.
3. **Misra, DP**. (March 2015). Marginalized populations of vulnerable women in developed countries. Presented at the Optimal Pregnancy Environment Risk Assessment (OPERA) Project, Preterm Birth International Consortium (PREBIC), San Francisco, California.
4. **Misra, D**. (September 2013). Paternal involvement and birth outcomes. Presented at the NIH/MCHB/ACF Conference on Paternal Involvement in Pregnancy Outcomes from Preconception to the First Year of Life. Potomac, Maryland.
5. **Misra, D**, Yampolsky, M Shlakhter, A, Getreuer, P, Salafia, C. (July 2013). *Translating Measures of Placental Shape into Predictors of Infant and Childhood Health*. "Mathematics of human placenta: A window into fetal origins of adult disease." session at the International Conference on Applied Mathematics, Modeling, and Computational Science, Waterloo, Ontario, Canada.
6. **Misra, D**. (September 2011). An Integrated Perinatal Health Framework. Symposium "Preconception Care: Science and Practice" at the 7<sup>th</sup> World Congress on Developmental Origins of Health and Disease, Portland, Oregon.

7. **Misra, D.** Yampolsky, M Shlakter, A, Getreuer, P, Salafia, C. (July 2011). Translating innovative mathematical and physical measures of the placenta into predictors of childhood health: The journey from mathematics and physics to pathology to epidemiology. "Physics and Mathematics of the Human Placenta" session at the International Conference on Applied Mathematics, Modeling, and Computational Science, Waterloo, Ontario, Canada.
8. **Misra, D.** (October 2010) Workshop Chair: Fathers and Pregnancy Outcomes. Presentation "Biopsychosocial contributions of fathers to pregnancy outcomes." Marcé Society (International Society for the Understanding, Prevention and Treatment of Mental Illness Related to Childbearing): Perinatal Mental Health Research: Harvesting the Potential." Pittsburgh, PA.
9. **Misra, D.** (September 2009). Social and behavioral factors and preterm birth. *Frontiers in Pregnancy Research, 2<sup>nd</sup> Annual Symposium, Behavioral, Social and Population Influences on Preterm Birth Risks.* Denver, Colorado.
10. **Misra, D.** (September 2008). Birth outcomes – Tracking the root causes of disparities. Presented at the Annie E. Casey Foundation 2008 KIDS COUNT Conference – "Leadership Counts: Envisioning the Future." Baltimore, MD.
11. **Misra, D.** (October 2006). Using a multiple determinants model with a life course approach to improve perinatal health. Plenary at "Depression Care for Women Across the Lifespan" Conference. University of Pittsburgh and the Western Psychiatric Institute and Clinic. Pittsburgh, Pennsylvania.
12. **Misra, D.** Grason, H (October 2005). Using a life course and multiple determinants approach to address healthy weight in women. Presented at 2005 Federal-State Maternal and Child Health Partnership Meeting: "MCH Across the Lifespan." Washington, DC.
13. **Misra, D.** Grason, H. (May 2005). Achieving Safe Motherhood: Applying a life course and multiple determinants perinatal framework in public health. "Expecting something better" conference. Jacobs Institute of Women's Health. Washington, DC.
14. **Misra, DP,** Guyer, B, Allston, A. (June 2003). Integrated perinatal health framework: A multiple determinants model with a lifespan approach. *Academy Health (formerly Academy for Health Service Research and Health Policy)*, Nashville, Tennessee.
15. **Misra, D.** (January 2002). Overview of emerging issues in women's health. Capital Hill Briefing Series on Women's Health Policy, "A Profile of Women's Health: An Agenda for Change." Washington, DC.
16. Strobino, D, Grason, H, **Misra, D.** (August 2001). Selected findings from the nationwide evaluation of Fetal and Infant Mortality Review programs. *Fourth National Fetal and Infant Mortality Review Conference*, Washington, DC.
17. **Misra, D.** (October 1999). Current trends in women's health. 1999 MCH Federal-State Partnership Meeting, Washington, DC.
18. **Misra, DP.** (July 1998). Environmental tobacco smoke and low birth weight. OSHA Expert Panel Workshop on ETS and Health Outcomes, Baltimore, MD.

19. **Misra, D.** (June 1998). Reproductive Health Policy Issues. *Women's Progress Conference*, Washington, DC.
20. Strobino, D. and **Misra, D.** (September 1997). Predictors of Maternal Transport. Roundtable series at federal Maternal and Child Health Bureau, Rockville, MD.
21. Koontz, A, Kessel, W, (**Misra**) **Phillips, D.** (1988). Comparison of infant mortality -- U.S.A. and Scandinavia: Lessons to be learned. National Perinatal Association.

*Local/regional*

1. **Misra, D.** (November 2020). Racism as a fundamental cause of adverse birth outcomes in Black families: Speaking towards measures and methods. Department of Medicine Research Forum. College of Human Medicine, Michigan State University.
2. **Misra, D.** (September 2020). An Epidemiologist's Perspective on the COVID-19 Pandemic. COVID seminar series. College of Human Medicine, Michigan State University.
3. **Misra, D.** (February 2017). Health Disparities Research Panel. Health Equity Research Conference, MedEq Student Association, Wayne State University.
4. **Misra, D.** (November 2016). Moderator. Arthur L. Johnson Urban Perspectives Lecture Series. Wayne State University.
5. **Misra, D.**, Rossi, N. (March 2013). "Closing the Salary Gap." Women in Medicine and Science Interest Group, Wayne State University School of Medicine.
6. **Misra, D.** (April 2012). Family Medicine Research. Wayne State University Department of Family Medicine Resident Research Day. Rochester, MI.
7. **Misra, D.** (March 2011). Racial Disparities in Birth Outcomes: The LIFE study of preterm birth. Winter 2011 Colloquium Series, Merrill Palmer Skillman Institute, Detroit, MI.
8. Caldwell, C, **Misra, DP (presenter)**, Young, A, \*Johnson, J. (May 2009). "Fathers Matter": Depressive Symptoms among Black Fathers in the Perinatal Period. Michigan Family Medicine Research Day, Brighton, MI.
9. **Misra, D.** (January 2009). Strategies and systems for preconception risk communication regarding environmental hazards for maternal and infant health. Health Evaluation Sciences seminar series, Pennsylvania State University, Hershey, PA.
10. **Misra, D.** (April 2008) Using a multiple determinants model with a life course approach to improve perinatal health. Keynote address. Nebraska Lifespan Health Partners Collaborative, Lincoln, NE.
11. **Misra, D.** (April 2008) How Fathers Influence Birth Outcomes. Workshop. Nebraska Lifespan Health Partners Collaborative, Lincoln, NE.
12. **Misra, D.** (February 2008). A life course model for racial disparity in preterm birth. Department of Epidemiology, Harvard University School of Public Health, Boston, MA.

13. **Misra, D.** (January 2008). A life course model for racial disparity in preterm birth. Department of Epidemiology and Preventive Medicine, University of Maryland School of Medicine, Baltimore, MD.
14. **Misra, D.** (December 2007). A life course model for racial disparity in preterm birth. Epidemiology Section, Brown University Biomed Program, Providence, RI.
15. **Misra, D.** (May 2007). A life course model for racial disparity in preterm birth. Department of Maternal and Child Health, Boston University School of Public Health, Boston, MA.
16. **Misra, D.** (April 2007). A life course model for racial disparity in preterm birth. Department of Epidemiology, Mt. Sinai School of Medicine, New York, NY.
17. **Misra, D.** (April 2007). A life course model for racial disparity in preterm birth. Department of Health Education and Behavior, University of Florida, Gainesville, FL.
18. **Misra, D.** (September 2006). A life course model for racial disparity in preterm birth. Clinical Epidemiology Seminar Series. Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania. Philadelphia, PA.
19. **Misra, D.** (May 2006). A life course model for racial disparity in preterm birth. Department of Family Studies, University of Maryland. College Park, MD.
20. **Misra, D.** (March 2006). Using a multiple determinants model with a life span approach to prevent and manage diabetes, HIV, and other chronic diseases to improve perinatal and women's health. Keynote address at "Linking women to health, power, and love across the lifespan." Northern Manhattan Perinatal Partnership. New York, NY.
21. **Misra, D.** (September 2006). A Life Course Model for Racial Disparity in Preterm Birth. Keynote address at: "National Meharry-Vanderbilt Alliance Research Conference Series on Health Disparities: Why Our Babies Die." Nashville, TN.
22. **Misra, D.** (March 2005). Findings from the nationwide evaluation of FIMR. Keynote address at "Benchmarking Progress: Outcomes of the Mortality/Morbidity Review Process." Princeton, NJ
23. **Misra, D.** (March 2005). How social factors influence preterm delivery. Health Evaluation Sciences seminar series, Pennsylvania State University, Hershey, PA.
24. **Misra, DP.** (November 2004). Perinatal health and health disparities. Executive Program in Health Management and Policy. University of Michigan School of Public Health, Ann Arbor, MI
25. **Misra, DP.** (October 2003). Social factors and policy issues in sexually transmitted infections. Symposium "Models, Data and Public Health Action: STDs in Michigan." University of Michigan School of Public Health, Ann Arbor, MI
26. **Misra, DP.** (June 2003). Integrated perinatal health framework: A multiple determinants model with a lifespan approach. Grand Rounds at University of Michigan Women's Hospital, Ann Arbor, MI



27. **Misra, DP.** (May 2002). “Healthy Pregnancy” workshop. University of Michigan Women of Color Symposium: Health and Activism.
28. **Misra, D.** (November 1998). Benefits and limitations of prenatal care. Grand Rounds at Washington Hospital Center, Washington, DC.
29. **Misra, D.** (April 1998). Poverty and pregnancy outcomes. Maternity Care Coalition Education and Advocacy Meeting, Philadelphia, PA.
30. **Misra, D.** (January 1995). The epidemiology of pregnancy-induced hypertension. Department of Maternal and Child Health, Johns Hopkins University School of Hygiene and Public Health.
31. **Misra, D.** (January 1995). The association between nulliparity and hypertensive disorders of pregnancy. Michigan State University Program in Epidemiology, East Lansing, MI.