

**Steven J Korzeniewski, Ph.D., M.S., M.A.**

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**Faculty Appointments**

**Faculty Appointments at Wayne State**

10/2019 - Present Associate Professor - Clinician Educator, School of Medicine, Department of Family Medicine and Public Health Sciences  
08/2017 - 09/2019 Associate Professor - Research, School of Medicine, Department of Obstetrics and Gynecology  
08/2011 - 08/2017 Assistant Professor (Research), School of Medicine, Department of Obstetrics and Gynecology

**Faculty Appointments at Other Institutions**

08/2010 - 12/2017 Assistant Professor, College of Human Medicine, East Lansing, MI, United States of America  
05/2014 - 04/2017 Adjunct Professor, College of Human Medicine, East Lansing, MI, United States of America

**Education**

**Education**

2011 Ph.D., Epidemiology  
Michigan State University, College of Human Medicine, East Lansing, MI  
2006 M.S., Epidemiology  
Michigan State University, College of Human Medicine, East Lansing, MI  
2005 M.A., Health Communication  
Michigan State University, College of Human Medicine, East Lansing, MI  
2002 B.A., Psychology  
Michigan State University, College of Communication Arts & Sciences, East Lansing, MI

**Postgraduate Training**

2006 - 2007 Fellowship, NICHD Supported T-32 Training Program in Perinatal Epidemiology  
Department of Epidemiology, College of Human Medicine, Michigan State University, East Lansing, MI, United States of America

**Additional Training**

12/2008 State Title V Needs Assessment Training  
Association of Maternal and Child Health Programs (AMCHP) and the CDC's Division of Reproductive Health, and Maternal and Child Health Bureau (MCHB)  
12/2007 Trend Analysis for MCH Outcomes in Small and Large Populations  
Association of Maternal and Child Health Programs (AMCHP) and the CDC's Division of Reproductive Health, and Maternal and Child Health Bureau (MCHB)  
05/2006 NICHD-IHDCYH Summer Institute in Reproductive & Perinatal Epidemiology  
National Institute of Child Health and Human Development (NICHD) and the Canadian Institutes of Health Research (CIHR) Institute of Human Development, Child and Youth Health

## Professional Society Memberships

2022 - Present	American Heart Association
2018 - Present	Global Pregnancy Collaboration (CoLab)
2015 - 2018	Society for Epidemiologic Research
2007 - 2017	Society for Paediatric & Perinatal Epidemiology

## Honors / Awards

06/2022	Top Peer Reviewer (4-year interval), Journal of Maternal Fetal and Neonatal Medicine <i>Awarded for outstanding performance in peer-review.</i>
11/2018	Nomination to Editorial Board, Systems Biology in Reproductive Medicine (SBiRM) <i>Associate Editor/Nominated Scientist</i>
09/2018	2018 Peer Review Award: Top 1% in Clinical Medicine, Publons <i>Awarded by Publons to those in each field who performed the most verified pre-publication peer reviews.</i>
11/2015	Best Oral Presentation, 12th World Congress of Perinatal Medicine <i>Awarded for: A High Amniotic Fluid Concentration of CXCL-10 without an IL-6 Increase is a Biomarker for Chronic Placental Inflammatory Lesions and Preterm Delivery. November 4th, 2015, Madrid, Spain.</i>
02/2015	Research Excellence Award, 3rd BIRTH Congress <i>Awarded for: Clinical chorioamnionitis at term I: microbiology of the amniotic cavity using cultivation and molecular techniques. March 5th-7th, 2015, Fortaleza, Brazil.</i>
02/2015	Research Excellence Award, 3rd BIRTH Congress <i>Awarded for: Cytokines and chemokines in the maternal and fetal circulation in Spontaneous Labor at Term. March 5th-7th, 2015, Fortaleza, Brazil.</i>
12/2013	Editor's Choice Award, American Journal of Obstetrics & Gynecology <i>Editor's Choice Award: for Chaiworapongsa T, Romero R, Korzeniewski SJ, Kusanovic JP, Soto E, Lam J, Dong Z, Than NG, Yeo L, Hernandez-Andrade E, Conde-Agudelo A, Hassan SS. Maternal plasma concentrations of angiogenic/antiangiogenic factors in the third trimester of pregnancy to identify the patient at risk for stillbirth at or near term and severe late preeclampsia. Am J Obstet Gynecol. 2013;208(4):287 e1- e15. PubMed PMID: 23333542.</i>
12/2012	Recognized Reviewer, Ultrasound in Obstetrics & Gynecology <i>Awarded by Ultrasound in Obstetrics &amp; Gynecology to the top 15% of Referees who perform nearly half of all reviews received by the Journal</i>
09/2012	Best Short Oral Presentation, 22nd World Congress on Ultrasound in Obstetrics and Gynecology <i>Awarded for: Patwardhan M, *Ahn H, Hernandez Andrade E, Korzeniewski SJ, Hussein Y, *Tang X, Chaiworapongsa T, Hassan SS, Romero R. Dynamic myometrial changes in the upper and lower uterine segments during the third stage of Labor. Copenhagen, Denmark.</i>
2010	COGS Leadership Endowment Honorable Mention Fellowship, Michigan State University <i>Awarded for disciplinary leadership in epidemiology by Michigan State University</i>
12/2008	First Place Oral Presentation, Centers for Disease Control and Prevention <i>14th Annual Maternal and Child Health Epidemiology Conference, Centers for Disease Control and Prevention, Atlanta, GA</i>
05/2005	Community Impact Award, The Founders Trust <i>Awarded to the research project most likely to directly affect community health. Project: Randomized Trial of a Comprehensive Asthma Education Program Following an Emergency Department Visit. My Role: Statistical Analyst.</i>

## Teaching

### Teaching at Wayne State University

### **Graduate (Masters, Ph.D., Pharm.D., etc.)**

05/2022 - 07/2022 FPH 7250 Health Data Analytics, Didactic / Traditional Course Teaching, Instructor  
01/2020 - 12/2021 Family Medicine and Public Health Sciences (FPH) 7250- Applied Epidemiology, Didactic / Traditional Course Teaching, Instructor

### **Trainee (Resident / Fellow / Intern)**

05/2021 Farhan Chaundry, M.D., Mentoring / Advising, Research Advisor / Mentor  
09/2017 - 05/2018 Statistics - study design and biostatistics lectures - Hutzel Women's Hospital, Department of OB/Gyn, Small Group Instruction, Lecturer  
08/2011 - 05/2017 Perinatal epidemiology, study design and biostatistics - Hutzel Women's Hospital, Perinatology Research Branch, Small Group Instruction, Discussion Leader

### **Teaching at Other Institutions**

#### **Graduate (Masters, Ph.D., Pharm.D., etc.)**

01/2015 - 01/2016 Michigan State University, Human Medicine 803- Introduction to Epidemiology, Online Instruction, Instructor  
05/2013 - 08/2015 Michigan State University, Human Medicine 807- Introduction to Critical Reading in Public Health, Online Instruction, Instructor  
01/2010 - 12/2017 Michigan State University, Human Medicine 853- Intervention & Program Evaluation, Online Instruction, Instructor

### **Essays / Theses / Dissertations**

01/2018 - 06/2018 Hunter Gómez Roberts, Postdoctoral, Measurement of Myometrial Electrical Activity During the Second and Third Stages of Labor for the Prediction of Postpartum Hemorrhage, Steven Korzeniewski (Advisor / Mentor)

### **Course or Curriculum Development**

08/2021 FPH 7250—Health Data Analytics, Graduate (Masters, Ph.D., Pharm.D., etc.), Wayne State University, Detroit, MI, United States of America  
*This course focuses on developing students' abilities to interpret and prepare data presented in tables and figures that describes the distribution, determinants and control of health-related states and events in populations. First, the historical evolution of key concepts is overviewed. Second, data tabulation and visualization best-practices are introduced. Third, students gain practical experience interpreting common table and figure layouts using case-study and interactive live-session gaming techniques. Fourth, student teams complete a semester project by accessing data services in order to describe local community health trends (e.g., by composing a dashboard or expanded online 'storyboard'). Throughout the course, examples relative to social determinants of health are emphasized.*

09/2019 - 12/2019 Family Medicine and Public Health Sciences (FPH) 7250- Applied Epidemiology, Graduate (Masters, Ph.D., Pharm.D., etc.), Wayne State University School of Medicine  
*This course introduces students to descriptive and analytic strategies that are used to study the distribution, determinants and control of health-related states and events in populations. First, the historical evolution of key concepts is overviewed. Second, critical reading guidelines are discussed. Third, students are introduced to different applications (i.e., surveillance, program evaluation, clinical, social, environmental and economic) and emerging strategies (e.g., precision public health). Throughout the course, examples relative to social determinants of urban health are emphasized.*

01/2013 - 08/2013 Introduction to Critical Reading in Public Health, Graduate (Masters, Ph.D., Pharm.D., etc.), Michigan State University

## Research

### Funded Research

#### Completed

Role: Co-Investigator, Percent Effort: 0.05 %  
Gwen Daniels (Principal Investigator)  
Title: Healthy Start Detroit  
Sponsor Name: HRSA  
02/01/2019 - 03/01/2020  
Total Award: \$ 160492, Federal

Role: Consultant, Percent Effort: 5 % R43HD097904-01  
Title: A Noninvasive Platform to Assess Maternal Risk for Perinatal Complications in the First Trimester  
Sponsor Name: NIH/NICHD  
10/01/2018 - 09/30/2020  
Total Award: \$ 280390, Federal

Role: Co-Principal Investigator L40 HD077654(R2)  
Title: Mechanisms & Markers of Adverse Pregnancy and Neurodevelopmental Outcomes in Childhood.  
Sponsor Name: Pediatric Research Loan Repayment Program, NICHD/NIH  
07/01/2016 - 06/30/2017  
Total Award: \$ 115000, Federal

Percent Effort: 75 % HSN27520130000; HSN275201300006C  
Title: Services in Support of the Perinatology Research Branch, NICHD/NIH/DHS , Services in Support of the Perinatology Research Branch: This contract was issued to Wayne State University for services in support of conducting clinical and basic research to develop novel diagnostic, therapeutic and preventive strategies. Total Cost: \$165,900,000 (Awarded to Wayne State University, contract proceeds through 2024) My Role: Associate Investigator and Director of Perinatal Epidemiology for the NICHD Intramural Program in Perinatal Research [range from 75% to 100% effort]. I provided daily, unqualified access to on-site epidemiology/ biostatistics support in fulfillment of the NICHD contract for Services in Support of the Perinatology Research Branch (PRB) [NICHD/NIH] while teaching maternal fetal medicine fellows about study design and biostatistics.  
Sponsor Name: NICHD/NIH/DHS  
01/01/2014 - 07/30/2023  
Total Award: \$ 165000000, Federal

Role: Co-Principal Investigator, Percent Effort: 10 % R09-826  
James Mitchiner (Co-Principal Investigator)  
Title: Reducing Serious Warfarin Drug Interactions: A Prospective Study in a Community Hospital Setting  
Sponsor Name: Centers for Medicare & Medicaid Services  
01/01/2010 - 08/01/2011  
Total Award: \$ 300000, Federal

Role: Co-Investigator, Percent Effort: 10% % SM57838-01  
Patricia Smith (Principal Investigator)  
Title: Transforming Youths Suicide Prevention in Michigan  
Sponsor Name: Substance Abuse and Mental Health Services Association  
07/2006 - 06/2007  
Total Award: \$ 1,200,000.00, Federal

Role: Co-Investigator, Percent Effort: 6% % R-1907-144972  
Philip Levy (Principal Investigator)  
Title: PHOENIX – Population Health Outcomes and Information Exchange.  
Sponsor Name: Michigan Health Endowment Fund  
11/01/2019 - 09/30/2021  
Total Award: \$ 500,000.00, Foundations / Associations / Societies

Role: Principal Investigator, Percent Effort: 10 %  
Title: Rehospitalization Workgroup for Reporting Data (ReWaRD)  
Sponsor Name: Commonwealth Fund/Institute for Healthcare Improvement  
08/01/2010 - 08/01/2011  
Total Award: \$ 20000, Not for Profit

Role: Principal Investigator, Percent Effort: 5 %  
Title: Family Planning Characteristics of Michigan Women  
Sponsor Name: Association of Maternal & Child Health Programs  
06/01/2009 - 08/01/2009  
Total Award: \$ 10000, Not for Profit

### **Funded**

Role: Biostatistician, Percent Effort: 5% % RD-84045901-0  
Kassotis (Principal Investigator)  
Title: Assessment of Underlying Molecular Mechanisms Promoting Adipogenic Outcomes in Complex Mixtures , This proposal will directly interrogate the comparability of joint toxicity as well as the development of methods focused various levels of biological organization. We will evaluate mixtures of increasing complexity for ability to promote adipogenesis using concentration addition and independent action models.  
Sponsor Name: EPA  
09/2022 - 08/2025  
Total Award: \$ 598,487, Federal

Role: Co-Investigator, Percent Effort: 5% % 1 R01 CE003362-01  
Ray, B (Principal Investigator)  
Title: Examining the iatrogenic effect of law enforcement disruptions to the illicit drug market on overdose in the surrounding community, The overarching goal of this research project is to assess the potential unintended effects of drug policing policies by examining when seizures increase the likelihood of overdose.  
Sponsor Name: CDC  
09/30/2021 - 09/14/2024  
Total Award: \$ \$1,087,500, Federal

Role: Co-Investigator, Percent Effort: 10% % 1 P50 MD017351-01  
Levy, P (Principal Investigator)  
Title: ACHIEVE GreatER: Addressing Cardiometabolic Health Inequities by Early PreVENTion in the Great LakEs Region , The primary objective of this research center is to investigate the role of negative social determinants of disease in three chronic diseases including hypertension, cardiometabolic syndrome and heart failure in Black patients living in Detroit MI and Cleveland OH. We will explore the clinical benefits of pragmatic interventions aiming to reduce social disparities in three separate type 1 hybrid implementation studies.  
Sponsor Name: NIMHD  
09/24/2021 - 06/30/2026  
Total Award: \$ \$18,154,012, Federal

Role: Co-Investigator, Percent Effort: 10% %  
Phil Levy (Principal Investigator)  
Title: 1817- Bring It Down  
Sponsor Name: Michigan Department of Health and Human Services  
10/2021 - 09/2023  
Total Award: \$ 200,000.00, State / Local

Role: Co-Investigator, Percent Effort: 10% %

Levy, P (Principal Investigator)

Title: Mobile COVID Units: Pilot Program in Southeast Michigan , This project supports PHOENIX services involved in utilizing a data visualization tool for mobile health unit deployment to reach those with disabilities in the community.

Sponsor Name: Michigan Department of Health and Human Services

10/2021 - 09/2023

Total Award: \$ \$800,000 , State / Local

Role: Co-Investigator, Percent Effort: 7.5% %

Sharon Milberger (Principal Investigator)

Title: COVID-19 Vaccination Supplement 4, The PHOENIX program partnered with the Michigan Developmental Disabilities Institute to assist with vaccine dissemination to people with disabilities.

Sponsor Name: Michigan Department of Health and Human Services

07/2021 - 06/2024

Total Award: \$ 800,000.00, State / Local

Role: Co-Investigator, Percent Effort: 6% %

Phil Levy (Principal Investigator)

Title: COVID-19 Mobile Care Unit, The PHOENIX program supports the Wayne Health Mobile Care Unit by performing analytics and creating visualizations.

Sponsor Name: Michigan Department of Health and Human Services

10/2020 - 09/2025

Total Award: \$ 1,786,921 , State / Local

### **Pending Funding**

Role: Co-Principal Investigator, Percent Effort: 5% % U01 IP001178-01

Kline (Principal Investigator)

Title: Decision rule to exclude emergent conditions in patients with undifferentiated recurrent abdominal pain , This grant will address the lack of evidence for how to handle the most common presenting complaints to emergency medicine, which is recurrent abdominal pain. This work will create a decision rule, based upon data available at the bedside, that can reliably predict a less than 2% probability of an emergency cause of abdominal pain.

Sponsor Name: NIH

06/2023 - 05/2028

Total Award: \$ 3,946,405 , Federal

Role: Co-Investigator, Percent Effort: 10% % DE-EE0010413

Wang (Principal Investigator)

Title: Data-driven Community-centered Resilient Assessment and Planning Toolkit for Nexus of Energy and Water (DCRAPT-NEW), Through establishing a multi-level community awareness and engagement mechanism, we will develop an innovative community energy and water resilience assessment and planning tool via analyzing multiple layers of information and interaction between water and energy systems and co-optimizing planning and operation by considering mobile energy storage and network reconfiguration.

Sponsor Name: DOE

05/2023 - 06/2024

Total Award: \$ 750,022 , Federal

### **Submitted - Not Funded**

Role: Co-Investigator, Percent Effort: 2 % 19-1118

Daniel A Rappolee (Principal Investigator), Sudipta Dutta (Co-Investigator)

Title: muESC DevTox HTS accurately reports toxic stress.

Sponsor Name: NIH

10/01/2019 - 09/30/2020

Total Award: \$ 125000 , Federal

Role: Co-Principal Investigator, Percent Effort: 20 % 1R01HD098620-01  
Sacha Drewlo (Co-Principal Investigator)  
Title: A Case-Cohort Study of First Trimester Maternal Low-grade Systemic Inflammation and Trophoblast Dysfunction in Pathogenesis of Preeclampsia and its Sequelae  
Sponsor Name: NIH/NICHHD  
03/01/2019  
Total Award: \$ 0, Federal

Role: Principal Investigator, Percent Effort: 15 % 1R21HD097507-01  
Title: The Molecular Epidemiology of Socio-Economic Disparities in Preterm Delivery  
Sponsor Name: NIH/NICHHD  
11/01/2018  
Total Award: \$ 0, Federal

Role: Co-Principal Investigator, Percent Effort: 10 % 1R01OD026305-01  
Sacha Drewlo (Co-Principal Investigator)  
Title: Proteomic Profiling of Human Trophoblast-like Cells Obtained from the Cervix During Ongoing Pregnancies  
Sponsor Name: NIH/NICHHD  
09/01/2018  
Total Award: \$ 0, Federal

Role: Co-Principal Investigator, Percent Effort: 15 % 1R01MD011396-01A1  
Nigel Paneth (Co-Investigator), Jamie Slaughter (Co-Principal Investigator)  
Title: A Molecular Epidemiologic Investigation of Cerebral Palsy Disparities in African American Children  
Sponsor Name: NIH/NICHHD  
09/01/2017  
Total Award: \$ 0, Federal

## Publications

### Peer Reviewed

**Key: CV Holder**, Corresponding Author<sup>^</sup>, Equal Contributor<sup>~</sup>, *Junior Faculty*, Student\*, Trainee

### Original Observations

1. **Korzeniewski SJ**, Sutton E, Escudero C, Roberts JM. The Global Pregnancy Collaboration (CoLab) symposium on short- and long-term outcomes in offspring whose mothers had preeclampsia: A scoping review of clinical evidence.. *Frontiers in medicine*. 08/30/2022;9:984291. PubMed PMID: 36111112.
2. Abdulhasan M, Ruden X, Rappolee B, Dutta S, Gurdziel K, Ruden DM, Awonuga AO, **Korzeniewski SJ**, Puscheck EE, Rappolee DA. Stress Decreases Host Viral Resistance and Increases Covid Susceptibility in Embryonic Stem Cells.. *Stem cell reviews and reports*. 12/01/2021;17(6):2164-2177. PubMed PMID: 34155611.
3. Levy P, McGlynn E, Hill AB, Zhang L, **Korzeniewski SJ**, Foster B, Criswell J, O'Brien C, Dawood K, Baird L, Shanley CJ. From pandemic response to portable population health: A formative evaluation of the Detroit mobile health unit program.. *PloS one*. 11/30/2021;16(11):e0256908. PubMed PMID: 34847164.
4. Sandhu A, **Korzeniewski SJ**, Polistico J, Pinnamaneni H, Reddy SN, Oudeif A, Meyers J, Sidhu N, Levy P, Samavati L, Badr MS, Sobel JD, Sherwin R, Chopra T. Elevated COVID19 mortality risk in detroit area hospitals among patients from census tracts with extreme socioeconomic vulnerability.. *EclinicalMedicine*. 04/01/2021;34:100814. PubMed PMID: 33842873.
5. Chaudhry F, Bulka H, Rathnam AS, Said OM, Lin J, Lorigan H, Bernitsas E, Rube J, **Korzeniewski SJ**, Memon AB, Levy PD, Schultz L, Javed A, Lisak R, Cerghet M. COVID-19 in multiple sclerosis patients and risk factors for severe infection.. *Journal of the neurological sciences*. 11/15/2020;418:117147. PubMed PMID: 32980780.
6. Escudero C, Acurio J, López E, Rodríguez A, Benavente A, Lara E, **Korzeniewski SJ**. Vascular endothelial growth factor and poor prognosis after ischaemic stroke.. *European journal of neurology*. 11/11/2020. PubMed PMID: 33176035.

7. Spann MN, Silberman A, Feldman J, **Korzeniewski SJ**, Turner JB, Whitaker AH. Executive and non-executive functions in low birthweight/preterm adolescents with differing temporal patterns of inattention.. *PloS one*. 04/24/2020;15(4):e0231648. PubMed PMID: 32330149.
8. Putra M, Idler J, Patek K, Contos G, Walker C, Olson D, Hicks MA, Chaperon J, **Korzeniewski SJ**, Patwardhan SC, Sokol RJ. The association of *HBB*-related significant hemoglobinopathies and low fetal fraction on noninvasive prenatal screening for fetal aneuploidy.. *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*. 11/17/2019;1-5. PubMed PMID: 31736384.
9. Chatzicharalampous C, Garvin SE, **Korzeniewski SJ**, Puscheck E. Are infertile patients at greater risk of cesarean delivery?. *Fertility and sterility*. 08/01/2018;110(3):403-404. PubMed PMID: 30098687.
10. **Korzeniewski SJ**, Allred EN, O'Shea TM, Leviton A, Kuban KCK, ELGAN study investigators.. Elevated protein concentrations in newborn blood and the risks of autism spectrum disorder, and of social impairment, at age 10 years among infants born before the 28th week of gestation.. *Translational psychiatry*. 06/08/2018;8(1):115. PubMed PMID: 29884819.
11. Yadav BK, Krishnamurthy U, Buch S, Jella P, Hernandez-Andrade E, Yeo L, **Korzeniewski SJ**, Trifan A, Hassan SS, Haacke EM, Romero R, Neelavalli J. Imaging putative foetal cerebral blood oxygenation using susceptibility weighted imaging (SWI).. *European radiology*. 05/01/2018;28(5):1884-1890. PubMed PMID: 29247352.
12. Romero R, Chaemsaitong P, Tarca AL, **Korzeniewski SJ**, Maymon E, Pacora P, Panaitescu B, Chaiyasit N, Dong Z, Erez O, Hassan SS, Chaiworapongsa T. Maternal plasma-soluble ST2 concentrations are elevated prior to the development of early and late onset preeclampsia - a longitudinal study.. *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*. 02/01/2018;31(4):418-432. PubMed PMID: 28114842.
13. Hernandez-Andrade E, Maymon E, Erez O, Saker H, Luewan S, Garcia M, Ahn H, Tarca AL, Done B, **Korzeniewski SJ**, Hassan SS, Romero R. A Low Cerebropoplacental Ratio at 20-24 Weeks of Gestation Can Predict Reduced Fetal Size Later in Pregnancy or at Birth.. *Fetal diagnosis and therapy*. 01/01/2018;44(2):112-123. PubMed PMID: 28926826.
14. Chaiworapongsa T, Romero R, Erez O, Tarca AL, Conde-Agudelo A, Chaemsaitong P, Kim CJ, Kim YM, Kim JS, Yoon BH, Hassan SS, Yeo L, **Korzeniewski SJ**. The prediction of fetal death with a simple maternal blood test at 20-24 weeks: a role for angiogenic index-1 (PIGF/sVEGFR-1 ratio).. *American journal of obstetrics and gynecology*. 12/01/2017;217(6):682.e1-682.e13. PubMed PMID: 29037482.
15. **Korzeniewski SJ**, Joseph RM, Kim SH, Allred EN, O'Shea TM, Leviton A, Kuban KCK, ELGAN Study Investigators.. Social Responsiveness Scale Assessment of the Preterm Behavioral Phenotype in 10-Year-Olds Born Extremely Preterm.. *Journal of developmental and behavioral pediatrics : JDBP*. 11/01/2017;38(9):697-705. PubMed PMID: 28857804.
16. **Korzeniewski SJ**, Allred EN, Joseph RM, Heeren T, Kuban KCK, O'Shea TM, Leviton A, ELGAN Study Investigators.. Neurodevelopment at Age 10 Years of Children Born <28 Weeks With Fetal Growth Restriction.. *Pediatrics*. 11/01/2017;140(5). PubMed PMID: 29030525.
17. Lannaman K, Romero R, Chaiworapongsa T, Kim YM, **Korzeniewski SJ**, Maymon E, Gomez-Lopez N, Panaitescu B, Hassan SS, Yeo L, Yoon BH, Jai Kim C, Erez O. Fetal death: an extreme manifestation of maternal anti-fetal rejection.. *Journal of perinatal medicine*. 10/26/2017;45(7):851-868. PubMed PMID: 28862989.
18. Yanni D, **Korzeniewski SJ**, Allred EN, Fichorova RN, O'Shea TM, Kuban K, Dammann O, Leviton A. Both antenatal and postnatal inflammation contribute information about the risk of brain damage in extremely preterm newborns.. *Pediatric research*. 10/01/2017;82(4):691-696. PubMed PMID: 28549057.
19. Romero R, Chaemsaitong P, Chaiyasit N, Docheva N, Dong Z, Kim CJ, Kim YM, Kim JS, Qureshi F, Jacques SM, Yoon BH, Chaiworapongsa T, Yeo L, Hassan SS, Erez O, **Korzeniewski SJ**. CXCL10 and IL-6: Markers of two different forms of intra-amniotic inflammation in preterm labor.. *American journal of reproductive immunology (New York, N.Y. : 1989)*. 07/01/2017;78(1). PubMed PMID: 28544362.
20. Joseph RM, **Korzeniewski SJ**, Allred EN, O'Shea TM, Heeren T, Frazier JA, Ware J, Hirtz D, Leviton A, Kuban K, ELGAN Study Investigators.. Extremely low gestational age and very low birthweight for gestational age are risk factors for autism spectrum disorder in a large cohort study of 10-year-old children born at 23-27 weeks' gestation.. *American journal of obstetrics and gynecology*. 03/01/2017;216(3):304.e1-304.e16. PubMed PMID: 27847193.
21. Melamed N, Pittini A, Hirsch L, Yogev Y, **Korzeniewski SJ**, Romero R, Barrett J. Do serial measurements of cervical length improve the prediction of preterm birth in asymptomatic women with twin gestations?. *American journal of obstetrics and gynecology*. 11/01/2016;215(5):616.e1-616.e14. PubMed PMID: 27365003.



22. Tarca AL, Hernandez-Andrade E, Ahn H, Garcia M, Xu Z, **Korzeniewski SJ**, Saker H, Chaiworapongsa T, Hassan SS, Yeo L, Romero R. Single and Serial Fetal Biometry to Detect Preterm and Term Small- and Large-for-Gestational-Age Neonates: A Longitudinal Cohort Study.. *PloS one*. 11/01/2016;11(11):e0164161. PubMed PMID: 27802270.
23. Melamed N, Pittini A, Hirsch L, Yogev Y, **Korzeniewski SS**, Romero R, Barrett J. Serial cervical length determination in twin pregnancies reveals 4 distinct patterns with prognostic significance for preterm birth.. *American journal of obstetrics and gynecology*. 10/01/2016;215(4):476.e1-476.e11. PubMed PMID: 27207277.
24. **Korzeniewski SJ**, Romero R, Chaiworapongsa T, Chaemsaitong P, Kim CJ, Kim YM, Kim JS, Yoon BH, Hassan SS, Yeo L. Maternal plasma angiogenic index-1 (placental growth factor/soluble vascular endothelial growth factor receptor-1) is a biomarker for the burden of placental lesions consistent with uteroplacental underperfusion: a longitudinal case-cohort study.. *American journal of obstetrics and gynecology*. 05/01/2016;214(5):629.e1-629.e17. PubMed PMID: 26688491.
25. Lee J, Romero R, Lee KA, Kim EN, **Korzeniewski SJ**, Chaemsaitong P, Yoon BH. Meconium aspiration syndrome: a role for fetal systemic inflammation.. *American journal of obstetrics and gynecology*. 03/01/2016;214(3):366.e1-9. PubMed PMID: 26484777.
26. **Korzeniewski SJ**, Feldman JF, Lorenz JM, Pinto-Martin JA, Whitaker AH, Paneth N. Persistence of Cerebral Palsy Diagnosis: Assessment of a Low-Birth-Weight Cohort at Ages 2, 6, and 9 Years.. *Journal of child neurology*. 03/01/2016;31(4):461-7. PubMed PMID: 26271791.
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**Key: CV Holder**, Corresponding Author<sup>^</sup>, Equal Contributor~, *Junior Faculty*, Student\*, Trainee

### Case Reports

1. Steven J Korzeniewski, Lami Yeo, Tinnakorn Chaiworapongsa, Sonia S S Hassan, Roberto Romero, Edgar Hernandez-Andrade, Chong J Kim, James H Segars, M C McCoy, Piya Chaemsaitong, Alan H DeCherney. Pravastatin to prevent recurrent fetal death in massive perivillous fibrin deposition of the placenta (MPFD). *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*. 03/2016;29(6):855-62.

**Key: CV Holder**, Corresponding Author<sup>^</sup>, Equal Contributor~, *Junior Faculty*, Student\*, Trainee

### Review Articles

1. **Korzeniewski SJ**, Bezold C, Carbone JT, Danagouliau S, Foster B, Misra D, El-Masri MM, Zhu D, Welch R, Meloche L, Hill AB, Levy P. The Population Health Outcomes and Information EXchange (PHOENIX) Program - A Transformative Approach to Reduce the Burden of Chronic Disease.. *Online journal of public health informatics*. 05/16/2020;12(1):e3. PubMed PMID: 32577152.
2. **Korzeniewski SJ**, Slaughter J, Lenski M, Haak P, Paneth N. The complex aetiology of cerebral palsy.. *Nature reviews. Neurology*. 09/01/2018;14(9):528-543. PubMed PMID: 30104744.
3. **Korzeniewski SJ**, Pappas A. Endogenous Erythropoietin.. *Vitamins and hormones*. 01/01/2017;105:39-56. PubMed PMID: 28629524.
4. Pappas A, **Korzeniewski SJ**. Long-Term Cognitive Outcomes of Birth Asphyxia and the Contribution of Identified Perinatal Asphyxia to Cerebral Palsy.. *Clinics in perinatology*. 09/01/2016;43(3):559-72. PubMed PMID: 27524454.
5. Chaiworapongsa T, Chaemsaitong P, **Korzeniewski SJ**, Yeo L, Romero R. Pre-eclampsia part 2: prediction, prevention and management.. *Nature reviews. Nephrology*. 09/01/2014;10(9):531-40. PubMed PMID: 25003612.
6. Grigorescu V, Kleyn MJ, **Korzeniewski SJ**, Young WI, Whitten-Shurney W. Newborn screening follow-up within the lifespan context: Michigan's experience.. *American journal of preventive medicine*. 04/01/2010;38(4 Suppl):S522-7. PubMed PMID: 20331953.

7. **Korzeniewski SJ**, Birbeck G, DeLano MC, Potchen MJ, Paneth N. A systematic review of neuroimaging for cerebral palsy.. *Journal of child neurology*. 02/01/2008;23(2):216-27. PubMed PMID: 18263759.
8. Paneth N, Hong T, **Korzeniewski S**. The descriptive epidemiology of cerebral palsy.. *Clinics in perinatology*. 06/01/2006;33(2):251-67. PubMed PMID: 16765723.

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### **Editorials / Commentaries**

1. Daugherty AM, Chopra T, **Korzeniewski SJ**, Levy P. COVID-19 as a risk factor for Alzheimer's disease and related dementia: A perspective from Detroit, MI.. *Psychiatry research*. 12/01/2020;294:113557. PubMed PMID: 33212413.
2. Charalampos Chatzicharalampous, Steven J Korzeniewski, Elizabeth Puscheck, Sicily E Garvin. Are infertile patients at greater risk of cesarean delivery?. *Fertility and sterility*. 12/2018;110(3).
3. **Korzeniewski SJ**. Relationships among gestational age and birthweight with cognitive deficits in children and adolescents born very preterm.. *Developmental medicine and child neurology*. 05/01/2018;60(5):436. PubMed PMID: 29468676.
4. **Korzeniewski SJ**. The So-Called "Protective Effect" of Preeclampsia on Perinatal Brain Damage.. *Neonatology*. 01/01/2018;114(3):212-214. PubMed PMID: 29940598.
5. **Korzeniewski SJ**. Why Stratify Autism Spectrum Disorder by Co-Occurrence with Intellectual Disability?. *Paediatric and perinatal epidemiology*. 11/01/2017;31(6):595-597. PubMed PMID: 29076542.
6. S. J. Korzeniewski. Single-cause attribution in a multifactorial world: Cerebral palsy attributed to or associated with congenital cytomegalovirus?. *Developmental Medicine and Child Neurology*. 2014;56(9):802-803. doi: 10.1111/dmcn.12514.
7. Romero R, **Korzeniewski SJ**. Are infants born by elective cesarean delivery without labor at risk for developing immune disorders later in life?. *American journal of obstetrics and gynecology*. 04/01/2013;208(4):243-6. PubMed PMID: 23273890.
8. **Korzeniewski SJ**. Neuroimaging for cerebral palsy.. *Developmental medicine and child neurology*. 01/01/2009;51(1):3-4. PubMed PMID: 19021678.
9. A. A. Reinert, S. J. Korzeniewski, A. H. Bryant. The legal system's use of epidemiology: Some clarifications. *Judicature*. 2004;88(3):137-139+144.

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### **Letters to the Editor**

1. Chaiworapongsa T, Romero R, **Korzeniewski SJ**, Chaemsaitong P, Hernandez-Andrade E, Segars JH, DeCherney AH, McCoy MC, Kim CJ, Yeo L, Hassan SS. Pravastatin for the prevention of adverse pregnancy outcome: preeclampsia and more?. *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*. 01/01/2017;30(1):3. PubMed PMID: 27161513.

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### **Book Chapters**

1. Korzeniewski, SJ. Autism, Social Impairment, and Social Communication Deficits in Children Born Prior to the 28th Week of Gestation,. In: *Extremely Preterm Birth and its Consequences: The ELGAN Study*. Mac Keith press; 12/2020.
2. Korzeniewski, SJ. Attention deficit hyperactivity disorder screening in childhood and adolescence. In: *Diagnosis, Management and Modelling of Neurodevelopmental Disorders: The Neuroscience Of Development*. 11/2020.

3. Steven J Korzeniewski, Athina Pappas. Endogenous Erythropoietin. In: Vitamins and hormones. 03/2017.  
*We sought to briefly describe current models of endogenous erythropoietin (EPO) pleiotropic properties to make four points clear. First, endogenous EPO regulates erythroid cell apoptosis so that red blood cell production is balanced against the number of cells destroyed in order to maintain optimal tissue oxygen levels (i.e., consistent with provision of homeostatic functional signaling information). Second, preclinical and clinical studies alike provide additional evidence of other (i.e., extraerythropoietic) immune-related and growth/trophic properties. Third, EPO might also be increased as an antiinflammatory response to other proinflammatory cytokines, and not because it is an inflammatory protein, in which case, it would make the association between EPO and these other proteins an epiphenomenon. Fourth, on the other hand, EPO might also act as a tissue protector or it could reflect immaturity/vulnerability of the brain or of the systems responsible for protecting it. Each of these scenarios is plausible, and all are probably true in certain circumstances.*
4. N. Paneth, S. J. Korzeniewski. Epidemiology of cerebral palsy. In: Epidemiological Perspectives of Maternal-Fetal Medicine. 2012. p. 235-256.

## **Published Abstracts**

1. Manesha Putra, Jessica Chaperon, Sanjay Patwardhan, David Hackney, Melissa Hicks, Steven Korzeniewski, Kara Patek, Jay Idler, George Contos, Robert J. Sokol, Christopher Walker. Do chronic comorbidities increase the risk of a high no-call rate in non-invasive prenatal screening?. AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY; 01/2019
2. Steven J Korzeniewski. 809: Gestational weight gain in twin pregnancies modeled as a function of gestational age and pre-pregnancy body mass index. American Journal of Obstetrics and Gynecology.; 01/2018. p. s482
3. R. Romero, Y. Yogeve, S. S. Korzeniewski, L. Hirsch, N. Melamed, A. Pittini, J. Barrett. Serial cervical length determination in twin pregnancies reveals 4 distinct patterns with prognostic significance for preterm birth. American Journal of Obstetrics and Gynecology; 2016. p. 4.76E+03-4.76E+13
4. J. Barrett, R. Romero, N. Melamed, A. Pittini, Y. Yogeve, L. Hirsch, S. J. Korzeniewski. Do serial measurements of cervical length improve the prediction of preterm birth in asymptomatic women with twin gestations?. American Journal of Obstetrics and Gynecology; 2016. p. 6.16E+03-6.16E+16
5. P. Chaemsaitong, S. S. Hassan, C. J. Kim, L. Yeo, Y. M. Kim, S. J. Korzeniewski, S. M. Jacques, F. Qureshi, R. Romero, T. Chaiworapongsa, J.-S. Kim, A. I. Ahmed, M. Shaman. The frequency of acute atherosclerosis in normal pregnancy and preterm labor, preeclampsia, small-for-gestational age, fetal death and midtrimester spontaneous abortion. Journal of Maternal-Fetal and Neonatal Medicine; 2015. p. 2001-2009

## **Presentations**

### **Podium**

#### **International / National**

1. Bethany Foster, et al. Reimagining mobile health during the COVID-19 pandemic: A unique partnership between an academic institution and the automotive industry. American Public Health Association-APHA; 11/2022; Boston, MA, United States of America
2. Korzeniewski SJ, Thornburg K. Brainstorming on Cerebrovascular Disease. , Sept. 3rd, 2019, University of. The Global Pregnancy Collaboration (CoLab) annual meeting; 09/2019; Oxford, United Kingdom
3. Steven J Korzeniewski PHD. A Preliminary Examination of Racial Disparities in Children with Cerebral Palsy: an intergenecorrelational analysis. 71st AACPDM Annual Meeting; 09/2017; Montreal, Quebec, Canada

#### **Regional / Local**

1. COVID19 By the Numbers. COVID-19 Community Action Council; 09/2020  
*Panelist in Discussion of "COVID-19 in Detroit"*

### **Posters**



## **International / National**

1. Daewood et al. Social vulnerability and blood pressure trends among participants of a chronic disease management program. APHA; 09/2022; Boston, MA
2. Steven J Korzeniewski, C Walker MD, M Putra MD, H Gomez-Roberts MD, J Idler MD, M Hicks, Sanjay C Patwardhan MD, J Chaperon, K Patek MD. The association of HBB-related structural hemoglobinopathies and low fetal fraction on single nucleotide polymorphism-based non-invasive prenatal screening for fetal aneuploidy. ACMG Annual Clinical Genetics Meeting; 04/2018; Charlotte, North Carolina
3. Steven J Korzeniewski. N. 809: Gestational weight gain in twin pregnancies modeled as a function of gestational age and pre-pregnancy body mass index. American Journal of Obstetrics and Gynecology. 2018;218(1):S482. Society for Maternal Fetal Medicine; 01/2018
4. Steven J Korzeniewski PHD. A Preliminary Examination of Racial Disparities in Children with Cerebral Palsy: Using gene expression and clinical data. SPER; 06/2017; Seattle, WA
5. Lami Yeo, H Saker, Adi L Tarca PHD, H Ahn, Zhonghui Xu, T Chaiworapongsa, Sonia S Hassan, Steven J Korzeniewski, M Garcia, Roberto Romero, Edgar Hernandez-Andrade. Single vs. serial fetal biometry for the detection of SGA and LGA neonates: a longitudinal cohort study. 5th International Fetal Growth Meeting; 11/2016; Toronto, Ontario, Canada
6. H Saker, Adi L Tarca PHD, Gaurav Bhatti, Lami Yeo, Edgar Hernandez-Andrade, H Ahn, Sonia S Hassan, T Chaiworapongsa, Steven J Korzeniewski, Roberto Romero, M Garcia. Serial fetal biometry is superior to a single ultrasound evaluation in the prediction of adverse neonatal outcomes. 5th International Fetal Growth Meeting; 11/2016; Toronto, Ontario, Canada
7. Lami Yeo, Zhonghui Xu, Adi L Tarca PHD, A Martinez-Varea, A I Ahmed, Zhong Dong, Sonia S Hassan, B H Yoon, Nicolina Docheva, Steven J Korzeniewski, Gaurav Bhatti, Roberto Romero, P Chaemsathong, Tinnakorn Chaiworapongsa. The Rate of Change of Maternal Plasma Protein Abundance after 33 Weeks of Gestation is Predictive of Spontaneous Labor at Term. 3rd Birth Congress; 03/2015; Fontaleza, Brazil

## **Regional / Local**

1. Steven J Korzeniewski PHD. Extravillous Trophoblast Cell Galectin 13, and Endoglin are Differentially Expressed in Ongoing Pregnancies that Develop Preeclampsia/Fetal Growth Restriction: A Case-Control Study. Michigan Alliance for Reproductive Technologies and Sciences (MARTS) Annual Meeting; 10/2017; Detroit, MI
2. Tinnakorn Chaiworapongsa, Adi L Tarca PHD, Nikolina Docheva, Roberto Romero, Zhonghui Xu, Lami Yeo, Steven J Korzeniewski, P Chaemsathong, Sonia S Hassan. Increased Protein Network Connectivity in Preeclampsia. Integrative and Global Approaches in Reproductive Sciences; 04/2015; Detroit, Michigan
3. Steven J Korzeniewski, Nikolina Docheva, P Chaemsathong, Adi L Tarca PHD, Sonia S Hassan, Zhonghui Xu, Tinnakorn Chaiworapongsa, Lami Yeo, Roberto Romero. Novel Biomarkers for Early Preeclampsia Derived from the Use of a New Proteomic Method. Integrative and Global Approaches in Reproductive Sciences; 04/2015; Detroit, Michigan

## **Invited Lectures**

### **International / National**

1. Steven J. Korzeniewski. PHOENIX program expansion to pregnancy. Global Pregnancy Collaboration Annual Symposium; 09/2022; Chesterfield, United Kingdom
2. Kent Thornburg, Steven J Korzeniewski. Brainstorming on Cerebrovascular Disease. The Global Pregnancy Collaboration (CoLab) annual meeting; 09/2019; University of Oxford, U.K.
3. Steven J Korzeniewski. Short and Long-Term Sequelae in Offspring Exposed to Preeclampsia: an overview of complexities. The Global Pregnancy Collaboration (CoLab) annual meeting; 09/2018; Oxford, U.K.

- Steven J. Korzeniewski. The Evolving Epidemiology of Cerebral Palsy and Associated Disorders of Brain Structure and Function., International Symposium, Recent advance in Neonatal Brain Disorders, China Medical University Children's Hospital,; 10/2016; Taichung, Taiwan  
*Keynote Lecture, October 9th, 2016,*

### **Regional / Local**

- Steven J. Korzeniewski. Update on Cerebral Palsy Diagnosis. Cerebral Palsy Research Consortium of Michigan (CPRCoM) 7th Biennial Meeting; 10/2022; East Lansing, MI, United States of America
- Steven J. Korzeniewski. COVID19 by The Numbers. COVID-19 Community Action Council; 09/2020; Detroit, MI
- Steven J. Korzeniewski. Diagnostic Performance; 02/2020; Chesterfield  
*Lecture requested by the Department of Internal Medicine*
- Steven J Korzeniewski PHD. Antecedents of Damage to Developing Brain Structure and Function. Wayne State University and University of Toronto's Annual Reproductive Sciences Retreat; 10/2017; Detroit, MI
- Steven J. Korzeniewski. Perinatal Antecedents of Damage to Brain Structure and Function Under a Theoretical Framework of Systems Epidemiology. Mott Center for Human Growth & Development Lecture Series; 11/2016; Detroit, MI
- Steven J. Korzeniewski. Neonatal Thyroxine Levels and Neurodevelopmental Outcomes in a LBW Cohort; 06/2014; Morristown, NJ, United States of America

### **Invited Seminars / Grand Rounds**

#### **Regional / Local**

- Steven J Korzeniewski. Antecedents and Neurodevelopmental Sequelae of Fetal Growth Restriction among Children born very Preterm. OBGYN Grand Rounds; 11/2018; St. John Hospital
- Steven J Korzeniewski. Neurodevelopmental Outcomes of Fetal Growth Restriction among Children born very Preterm. OBGYN Grand Rounds; 02/2018; Hutzel Women's Hospital
- Steven J. Korzeniewski. Emerging Evidence of Perinatal Contributors to the Spectrum of Brain Disorders Rooted in Pregnancy. Pediatric Grand Rounds, Helen DeVos Children's Hospital,; 03/2016; Grand Rapids, MI

### **Service**

#### **Wayne State University Service**

##### **University**

- |                   |   |
|-------------------|---|
| 01/2021 - 05/2023 | Director, Biostatistics, Epidemiology, Research Design (BERD), Integrative Biosciences Center (IBio)  |
| 01/2020           | Director, Co-Director Clinical Research Services Center, Integrative Biosciences Center (IBio)<br><i>Co-Director of the CRSC with Dr. Phil Levy</i>   |
| 01/2019 - 01/2021 | Director, Director of Epidemiology at iBio, Wayne State University<br><i>As Director of Epidemiology in the Biostatistics, Epidemiology and Research Design Core (BERD), I provide and oversee consultations on study design and data analysis to WSU investigators. (12-40 hours annually)</i> |
| 01/2018 - 01/2018 | Research & Academic Development Seminar on Promotion & Tenure, Wayne State University   |

##### **School / College**

- |                   |  |
|-------------------|--|
| 02/2018 - 06/2018 | Member, Department of Oncology Five-Year Review Panel Member, School of Medicine   |
| 12/2015 - 05/2018 | WSU Perinatal Initiative Protocols Committee, School of Medicine<br><i>Review and/or composes perinatal research protocols performed at WSUSOM</i> |

08/2011 - 05/2017      WSU/PRB Perinatal Epidemiology Unit Director, School of Medicine  
*Appointed as the founding Director of the Perinatal Epidemiology Unit, which was formed to provide daily, unqualified access to on-site epidemiology/ biostatistics support in fulfillment of the NICHD contract for Services in Support of the Perinatology Research Branch (PRB) [NICHD/NIH]. I made many important contributions to the OBGYN Dept. at WSUSOM while serving in this capacity, not only as a faculty member of the WSU/PRB/DMC Fellowship in Maternal Fetal Medicine, but also in serving as an Associate Investigator with the PRB (NICHD/NIH) by: • contributing as lead- and co-author of multiple sections of the application contract for Services in Support of the PRB, which was awarded by NICHD to WSU in February of 2013; • playing a major role in establishing the scientific rationale, research questions and study design to be performed under the WSU/PRB/DMC contract as co-author of the scientific proposal approved upon peer-review by NICHD in 2014 to perform a prospective pregnancy biomarker cohort study. In addition to proposal writing and protocol development, I also: • introduced the case-cohort study design and other sophisticated methods to the PRB, • provided extensive one on one training to fellows, junior faculty and others involved in scholarship at the WSU/PRB/DMC collaborative, many of whom have received recognition for excellence in perinatal research, and (continued) • established collaborations between WSUSOM, PRB [NICHD/NIH] and other members of the Michigan Research University Corridor to discuss and further investigate the causes of cerebral palsy.*

### **Department / Division**

12/2021 - Present      Member, Faculty Search Committee Member, Department of Family Medicine and Public Health Sciences  
*Faculty Search Team Member*

09/2017 - 09/2018      Panelist, Study Design & Biostatistics Lecture Series, Department of Obstetrics & Gynecology, Department of Obstetrics and Gynecology  
*20 hours in-class instruction, 10 hours one on one instruction with fellows.*

05/2017 - 05/2018      Director of Epidemiology and Translational Science for the Reproductive Endocrinology and Infertility Division, Department of Obstetrics and Gynecology  
*Epidemiology and Translational Science for the Reproductive Endocrinology and Infertility Division*

01/2013 - 12/2017      Candidates Selection Committee - faculty and fellowship positions, Department of Obstetrics and Gynecology

### **Other Professionally Related Service**

#### **Professional**

10/2022      Other Role - Planning Committee Member, Planning Committee Member for 7th Biennial Conference, Cerebral Palsy Research Consortium of Michigan  
*Cerebral Palsy Research Consortium of Michigan (CPRCoM) brings together scientists, health professionals, and community partners to promote research and develop new knowledge about cerebral palsy.*

11/2018      Chair, Neurodevelopmental Brainstorming Group, The Global Pregnancy Collaboration  
*I currently lead a working group that seeks to develop research proposals to study the relationship between preeclampsia and neurodevelopmental disorders.*

10/2018      Chair, Annual Workshop Planning Group, The Global Pregnancy Collaboration  
*CoLab holds an annual conference to develop and expand ideas to plan for the future. Each conference includes a thematic workshop that seeks to explore an understudied area of preeclampsia research. I led the planning group for the 2018 workshop. My ongoing role is to edit and publish the proceedings of the workshop with Dr. Jim Roberts. Title: Short and Long-Term Outcomes in Offspring Exposed to Maternal Preeclampsia Members: James M Roberts, Gordon C. Smith, Tom F. McElrath, Carlos Escudero, Anatine Smith, Megan Wilson.*

- 03/2018 Member, Steering Committee, Global Pregnancy Collaboration (CoLab)  
*The goal of the Global Pregnancy Collaboration (CoLab) is to improve the health of mothers and their infants by facilitating harmonized perinatal data management and collaborative research. This is accomplished by developing standardized generic data dictionaries that cover the needs of all maternal child health care—from the simplest in the most resource poor countries to the most sophisticated research in more privileged areas. We actively promote sharing of data and biological samples from participating centers available to researchers worldwide and engage in strategies to enable collaborations among scientists.*
- 02/2018 Other Role - Reviewer/Evaluator, Society for Epidemiologic Research  
*Review Abstracts*
- 2015 - 2016 Other Role - Reviewer/Evaluator, Society for Pediatric and Perinatal Epidemiologic Research  
*Review Abstracts*
- 01/2006 Member, Planning Committee, Cerebral Palsy Research Consortium of Michigan  
*Cerebral Palsy Research Consortium of Michigan (CPRCoM) brings together scientists, health professionals, and community partners to promote research and develop new knowledge about cerebral palsy. As part of this growing network, researchers are collaborating on studies of CP causes, treatments, function, and outcomes, with the aim of making progress in prevention and improving the lives of individuals and families affected by CP. We held our fifth biennial conference on April 19, 2018, at Michigan State University - "Cerebral Palsy: Maximizing function and ability" I previously organized the 3rd biennial conference. This brought the collaborative to Detroit for the first time by navigating joint sponsorship for the event held by WSUSOM and the PRB [NICHD/NIH] on January 30th, 2013.*
- 01/2002 Member, Cerebral Palsy Outreach Network  
*I am a founding member of the Cerebral Palsy Outreach Network, created in 2002 with Dr. Nigel Paneth and others to provide high-quality information about the disorder in addition to interact access to persons or families affected by cerebral palsy. This organization is the predecessor of the above named Cerebral Palsy Research Consortium of Michigan, and it still serves to provide a sense of community among investigators interested in etiology by offering scheduled time to discuss and introduce proposals for new research efforts.*

## **Grant Review Committees**

### **International / National**

- 09/2019 Reviewer, Prenatal Screening and Neonatal Screening, Netherlands Organization for Health Research and Development (ZonMw), Netherlands Organisation for Health Research and Development (ZonMw)  
*Invited on behalf of the Netherlands Organisation for Health Research and Development (ZonMw) to review a grant proposal, September 2019, as an external expert. About ZonMw ZonMw works on improving prevention, healthcare and health by encouraging and funding research, development and implementation. All grant applications received by ZonMw are assessed on their relevance and quality. We rely on external, independent experts (reviewers) for the quality assessments. More information can be found on our [website](#).*
- 04/2019 Reviewer, Neurosciences and Mental Health Board, Medical Research Council, United Kingdom, Medical Research Council  
*Grant Reference: MR/T00293X/1*

### **Regional / Local**

- 09/2022 Reviewer, Local Grant Proposal Review, Henry Ford Health System
- 05/2022 Reviewer, Early Child Health Outcomes Program Local Grant Review, Michigan State University

## **Peer-Reviewed Journals**

### **Editorial Board Member**

11/2018 - Present Systems Biology in Reproductive Medicine

### **Manuscript Review**

01/2020 - 12/2022 see journals at <https://publons.com/researcher/U-6481-2017/>, from 1/1/2020-12/31/2222, I reviewed N=39 manuscripts for peer-reviewed journals  
*Publons is now part of web of science, so the interface has changed.*

01/2019 see journals at <https://publons.com/researcher/U-6481-2017/>, From 1/1/2019-to-12/31/2021, I performed 52 reviews of 45 manuscripts for more than 25 journals. See Publons verified reviews: <https://publons.com/researcher/U-6481-2017/>  
*From 1/1/2019-to-12/31/2021, I performed 52 reviews of 45 manuscripts for more than 25 journals. See Publons verified reviews: <https://publons.com/researcher/U-6481-2017/>*

12/2018 - 01/2019 Publons Verified Review Records for 2018, and 2018 and prior

11/2018 - Present European Journal of Obstetrics & Gynecology and Reproductive Biology

05/2018 - Present Trends in Molecular Medicine, 1

02/2018 - Present Health Science Reports, 1

02/2018 - Present Pediatrics International, 1

10/2017 - Present Anaerobe, 1

09/2017 - Present American Journal of Perinatology, 1

09/2017 - Present Journal of Pediatric Endocrinology & Metabolism, 3

09/2017 - Present Systems Biology in Reproductive Medicine, 2

08/2017 - Present BMJ Open

06/2017 - Present British Medical Journal (open), 1

06/2017 - Present European Journal of Endocrinology, 1

04/2017 - Present Expert Review of Molecular Diagnostics, 1

04/2017 - Present Paediatric and Perinatal Epidemiology, 3

2017 - 2019 Academic Journals, N=81 verified peer reviews (total verified for all years is N=165)

11/2016 - Present Disease Markers, 1

05/2016 - Present Journal of Pediatric Neurology, 1

2016 - Present Neonatology, 2

12/2015 - Present BMC research notes

10/2015 - Present World Journal of Pediatrics, 1

09/2015 - Present Acta Paediatrica, 2

05/2015 - Present Journal of Maternal, Fetal & Neonatal Medicine

05/2015 - Present Pediatric Research

09/2014 - Present PLOS ONE, 7

08/2013 - Present Ultrasound in Obstetrics & Gynecology, 8

02/2013 - Present BMC Pregnancy & Childbirth, 4

12/2012 - Present PeerJ, 1

07/2012 - Present Gynecologic & Obstetric Investigation

05/2012 - Present Reproductive Sciences

2012 - Present Human Reproduction, 1

11/2011 - Present American Journal of Obstetrics & Gynecology, 85

11/2011 - Present Epidemiology, 2

09/2011 - Present JAMA, 1

08/2011 - Present	Pediatrics, 8
09/2010 - Present	Public Health Nursing, 1
09/2009 - Present	Brain Research, 1
08/2009 - Present	Journal of Child Neurology, 6
2009 - Present	Cerebral Cortex, 1
09/2007 - Present	Developmental Medicine & Child Neurology, 13