Poster Session A
BIRTH DEFECTS

PA001 DISCUSSIONS BETWEEN PARENTS AND PROVIDERS ON TRANSITION TO ADULT HEALTH CARE FOR ADOLESCENTS WITH PEDIATRIC HEART DISEASE, NATIONAL SURVEY OF CHILDREN WITH SPECIAL HEALTH CARE NEEDS, 2009-2010
Karrie Finn, Sherry Farr, Matthew Oster, Margaret Honein

PA002 RISK COMPARISON FOR PRENATAL USE OF DIFFERENT ANALGESICS AND SELECTED BIRTH DEFECTS
Julia Interrante, Elizabeth Ailes, Jennifer Lind, Marlene Anderka, Marcia Feldkamp, Martha Werler, Suzanne Gilboa, Margaret Honein, Cheryl Broussard

PA003 CONGENITAL HEART DEFECTS AND ACADEMIC ACHIEVEMENT IN A NATIONWIDE COHORT OF 458,318 DANISH CHILDREN
Niels Matthiesen

PA004 USE OF INTRACYTOPLASMIC SPERM INJECTION AND BIRTH OUTCOMES IN WOMEN WHO CONCEIVED BY IN VITRO FERTILIZATION
Xu Xiong, Richard Dickey, Pierre Buekens, Jeffrey Shaffer, Gabriella Pridjian

PA005 USE OF ANTI-SEPTIC MOUTH RINSE DURING PREGNANCY AND PREGNANCY OUTCOMES: A RANDOMIZED CONTROLLED CLINICAL TRIAL
Xu Xiong, Hong Jiang, Yi Su, Jinxiang Peng, Xiaoling Zhu, Jinhua Wang, Mengqi Chen, Xu Qian

PA006 CHALLENGES IN ESTIMATING HOSPITALIZATION COSTS FOR BIRTH DEFECTS USING ADMINISTRATIVE DATA
Sarah Tinker

PA007 GENE VARIANTS AS RISK FACTORS FOR GASTROSCHISIS
Amy Padula, Wei Yang, Kathleen Schultz, Lauren Tom, Bin Lin, Suzan Carmichael, Edward Lammer, Gary Shaw

PA008 CHILD DEVELOPMENTAL OUTCOMES OF BOYS UNDERGOING SURGERY FOR GENITAL ANOMALIES
Francisco Schneuer, Jason Bentley, Andrew Holland, Samantha Lain, Nadiia Badawi, Natasha Nassar

PA009 MATERNAL FIRST TRIMESTER SERUM LEVELS OF FREE-BETA HUMAN CHORIONIC GONADOTROPIN AND MALE GENITAL ANOMALIES
Francisco Schneuer, Carol Bower, Andrew Holland, Vitomir Tasevski, Sarra Jamieson, Natasha Nassar

PA010 SCHOOL PERFORMANCE FOR CHILDREN BORN WITH CLEFT LIP OR PALATE: POPULATION-BASED RECORD LINKAGE STUDY
Jane Bell, Camille Raynes-Greenow, Robin Turner, Carol Bower, Alan Dodson, Natasha Nassar

PA011 ASSOCIATIONS BETWEEN CARDIOVASCULAR BIRTH DEFECTS AND DISINFECTION BY-PRODUCT EXPOSURES IN MASSACHUSETTS
J. Michael Wright

CHILD DEVELOPMENT

PA012 EXPOSURE TO MATERNAL DIABETES AND EARLY CHILDHOOD DEVELOPMENT
Edwina Yeung

PA013 IMPACT OF MATERNAL OBESITY ON NEONATAL MARKERS OF INFLAMMATION AND IMMUNE RESPONSE
Nikhita Chahal, Alexander McLain, Akhgar Ghassabian, Kara Michels, Erin Bell, David Lawrence, Miranda Broudney, Edwina Yeung

PA014 INFLAMMATORY BIOMARKERS AND EARLY DEVELOPMENT: A LONGITUDINAL STUDY
Akhgar Ghassabian, Rajeshwari Sundaram, Nikhita Chahal, Erin Bell, David Lawrence, Stephen Gilman, Edwina Yeung

PA015 PRENATAL ALCOHOL EXPOSURE AND AUTISM SPECTRUM DISORDER IN THE STUDY TO EXPLORE EARLY DEVELOPMENT (SEED)
Alison B Singer, Arthur S Aylsworth, Lisa A Croen, Carolyn DiGuiseppi, M Daniele Fallin, Stephen R Hooper, Rebecca E Pretzel, Laura A Schieve, Gayle C Windham, Julie L Daniels

PA016 PRE-PREGNANCY OBESITY IS ASSOCIATED WITH IMPAIRED CHILD NEURODEVELOPMENT
Elizabeth Widen, Piera Cirillo, Barbara Cohn, Linda Kahn, Katrina Kezios, Pam Factor-Litvak

PA017 INTERPREGNANCY CHANGE IN MATERNAL BODY MASS INDEX, ADVERSE PREGNANCY OUTCOMES, AND OFFSPRING’S NEURODEVELOPMENT
Xiaona Huo

PA018 THE IMPACT OF FERTILITY TREATMENT ON MOTHER-INFANT BONDING IMPAIRMENT AT 4 MONTH POSTPARTUM: A JAPANESE POPULATION BASED STUDY.
Makiko Sampei, Takeo Fujiwara
PA019 **EDUCATIONAL OUTCOMES FOLLOWING CARDIAC PROCEDURE IN THE FIRST YEAR OF LIFE: A POPULATION-BASED RECORD LINKAGE STUDY**  
Samantha Lain, Claire Lawley, Nadia Badawi, Francisco Schneuer, Christine Roberts, Natasha Nassar

PA020 **DIABETES AND HYPERTENSION IN PREGNANCY IN ASSOCIATION WITH AUTISM SPECTRUM DISORDER IN THE CHILD**  
Christina Cordero, Gayle Windham, M. Daniele Fallin, Lisa Croen, William Thompson, Laura Schieve, Anna Maria Siega-Riz, Alison Stuebe, Julie Daniels

PA021 **GESTATIONAL WEIGHT GAIN AND MATH AND READING ACHIEVEMENT AMONG U.S. CHILDREN**  
Louisa Smith, Lucia Petito, Alison Cohen, Julianna Deardorff, Barbara Abrams

PA022 **METALS PRENATAL LEVELS AND MODIFIED CHECKLIST FOR AUTISM IN TODDLERS: A BIRTH COHORT STUDY FROM ITALY**  
Fabio Barbone

PA023 **THE EFFECT OF NEURODEVELOPMENTAL DISABILITY DEFINITION ON INCIDENCE RATES AMONG VERY PRETERM INFANTS**  
Matthew Haslam, Sarka Lisonkova, Dianne Creighton, Paige Church, Anne Synnes

PA024 **AGE AT MENARCHE IS ASSOCIATED WITH CHILDHOOD RED MEAT AND FATTY FISH INTAKE FREQUENCIES IN OPPOSITE DIRECTIONS**  
Erica Jansen, Eduardo Villamor, Constanza Marin, Mercedes Mora-Plazas

**FERTILITY**

PA025 **SERUM FOLATE AND MENSTRUAL FUNCTION IN THE BIOCYCLE STUDY**  
Kara Michels, Torie C. Plowden, Keewan Kim, Ellen N. Chaljub, Jean Wactawski-Wende, Edwa Yeung, Sunni L. Mumford

PA026 **ADJUSTING FOR ABSTINENCE TIME IN SEMEN ANALYSES: SOME CONSIDERATIONS**  
Kara Michels, Ellen N. Chaljub, Torie C. Plowden, Ya-Ling Lu, Keewan Kim, Sunni Mumford

PA027 **TRACE ELEMENTS IN URINE AND COUPLE FECUNDITY**  
Sunni Mumford, Patrick Parsons, Rajeshwari Sundaram, Germaine Louis

PA028 **EFFECTS OF FETAL REDUCTION IN MULTI-FETAL PREGNANCY ON PERINATAL OUTCOMES**  
Neda Razaz, Tehila Avitan, Tracy Pressey, K.S. Joseph

PA029 **TRIMESTER-SPECIFIC URINARY BISPHENOL-A AND PREGNANCY GLUCOSE LEVELS AMONG WOMEN FROM A FERTILITY CLINIC**  
Yu-Han Chiu, Tamara James-Todd, Lidia Minguez-Alarcón, Jennifer B. Ford, Myra Keller, Carmen Messerlian, John Petrozza, Paige Williams, Russ Hauser

PA030 **WITHIN- AND BETWEEN-SUBJECT VARIABILITY IN SEMEN PARAMETERS AMONG MEN FROM A FERTILITY CLINIC**  
Yu-Han Chiu, Regina Editor, Feiby Laban Nassan, Audrey Gaskins, Paige Williams, Cidem Tanrikut, Russ Hauser, Jorge Chavarr

PA031 **DIETARY FOLATE INTAKE AND FECUNDABILITY: A DANISH PROSPECTIVE COHORT STUDY**  
Heidi Theresa Cueto, Anders H. Riis, Elizabeth E. Hatch, Lauren A. Wise, Kenneth J. Rothman, Henrik T. Sorensen, Ellen M. Mikkelsen

PA032 **PERICONCEPTIONAL MATERNAL BISPHENOL-A AND FECUNDABILITY**  
Kyley Cox

PA033 **DOES ENVIRONMENTAL CONCERN INFLUENCE WOMEN TO POSTPONE PREGNANCY? THE ENVIRONMENTAL WORRY SCALE AND THE EFFECT ON REPRODUCTIVE DECISION MAKING**  
Leah Zilversmit, Arti Shankar, Christopher Mundorf, Jeffrey Wickliffe, Emily Harville

PA034 **A RANDOMIZED TRIAL OF WEB-BASED FERTILITY-TRACKING SOFTWARE AND FECUNDABILITY**  
Lauren Wise, Elizabeth Hatch, Joseph Stanford, Craig McKinnon, Amelia Wesselink, Kenneth Rothman

PA035 **PHYSICAL ACTIVITY, BODY SIZE, AND MALE FECUNDITY IN A NORTH AMERICAN PRECONCEPTION COHORT STUDY**  
Lauren Wise

PA036 **EXPOSURE TO BISPHENOL A AND MENSTRUAL CYCLE CHARACTERISTICS IN A PRECONCEPTION COHORT STUDY OF DANISH AND AMERICAN WOMEN**  
Amelia Wesselink, Shruthi Mahalingaiah, Lauren Wise, Kristina Thymer, Michael McClean, Ellen Mikkelsen, Elizabeth Hatch

PA037 **HORMONAL PROFILES OF MENSTRUAL PATTERNS DURING THE LUTEAL-FOLLICULAR TRANSITION.**  
Melanie Jacobson, Penelope Howards, James Kesner, Juliana Meadows, Jessica Spencer, Lyndsey Darrow, Metrecia Terrell, Michele Marcus

PA038 **FAT SOLUBLE MICRONUTRIENTS AND TIME TO PREGNANCY**  
Keewan Kim, Enrique F. Schisterman
PA039  PRECONCEPTION WEIGHT CHANGE AND PREGNANCY LOSS AMONG FECUND WOMEN
Rose Radin, Sunni Mumford, Lindsey Sjaarda, Robert Silver, Neil Perkins, Laurie Lesher, Torie Plowden, Stefanie Hinkle, Chandra Swanson, Keevan Kim, Enrique Schisterman

PA040  LOW-DOSE ASPIRIN AND SPORADIC ANOVULATION IN THE EAGER TRIAL
Rose Radin, Lindsey Sjaarda, Neil Perkins, Robert Silver, Zhen Chen, Laurie Lesher, Noya Galai, Jean Wactawski-Wende, Sunni Mumford, Enrique Schisterman

FETAL GROWTH

PA041  PREGNANCY AND BIRTH OUTCOMES AT THE TIME OF THE GULF OIL SPILL: A VITAL STATISTICS ANALYSIS
Emily Harville

PA042  FEASIBILITY OF LINKING LONG-TERM COHORT DATA TO OFFSPRING BIRTH RECORDS: THE BOGALUSA HEART STUDY
Emily Harville, Marni Jacobs, Tian Shu, Dorothy Breckner, Maev Wallace

PA043  HOW DO LIMITS OF VIABILITY VARY INTERNATIONALLY? - A POPULATION BASED STUDY OF 12 EUROPEAN REGIONS.
Lucy Smith, Beatrix Blondell, Patrick Van Reempts, Elizabeth Draper, Bradley Manktelow, Henrique Barros, Marina Cuttini, Jennifer Zeitlin

PA044  VITAMIN D DEFICIENCY IS ASSOCIATED WITH INCREASED RISK OF PRETERM BIRTH IN NON-CAUCASIAN WOMEN
Negar Tabatabaei,Josee Poirier, Catherine Herba, Nathalie Auger, Catherine Allard, William D. Fraser

PA045  WHAT IS THE OPTIMAL GESTATIONAL AGE TO SCREEN FOR FETAL GROWTH RESTRICTION IN PATIENTS WITH LOW PREGNANCY ASSOCIATED PLASMA PROTEIN-A?
Michael Aziz

PA046  MATERNAL OBESITY AND PRETERM BIRTH AMONG WOMEN WITHOUT PRE-PREGNANCY CHRONIC DISEASES
Sung Soo Kim

PA047  PLACENTAL WEIGHT: A FORGOTTEN FACTOR IN FETAL GROWTH FOR INFANTS OF MOTHERS WITH TYPE 1 DIABETES (T1DM)
Katherine Bowers, Supal Mehta, Tetsuya Kawakita, Menachem Miodovnik, Jane Khoury

PA048  TRENDS IN PRETERM DELIVERY IN THE UNITED STATES 2006-2012 REVISITED: MAGNITUDE OF DECLINE AND POSSIBLE EXPLANATIONS
Claire Margerison-Zilko, Nicole Talge, Claudia Holzman

PA049  INTERACTION BETWEEN HETEROGENEOUS ENVIRONMENTAL QUALITY DOMAINS (AIR, WATER, LAND, SOCIO-DEMOGRAPHIC AND BUILT ENVIRONMENT) ON PRETERM BIRTH.
Shannon Grabich

PA050  THE IMPACT OF HOUSEHOLD AIR POLLUTION ON PERINATAL MORTALITY; RESULTS FROM A LARGE EMBEDDED COHORT STUDY IN A RURAL SETTING IN BANGLADESH.
Camille Raynes-Greenow, Michael J Dibley, Shams El Aifreen, Ashrafual Alam, Kingsley Agho, Tanvir Huda, Sajia Islam, on behalf of the Shonjibon Trial Study Team

PA051  INFLUENCE OF HOUSEHOLD AIR POLLUTION ON PERINATAL OUTCOMES IN BANGLADESH: ANALYSIS FROM BANGLADESH DEMOGRAPHIC AND HEALTH SURVEY, 2011
Monjura Nisha, Ashrafual Alam, Camille Raynes-Greenow

PA052  IMPACT OF MATERNAL FOOD SECURITY STATUS ON BIRTH SIZE OF INFANTS IN BANGLADESH
Morseda Chowdhury, Camille Raynes-Greenow, Michael Dibley, Ashrafual Alam

PA053  ASSOCIATION BETWEEN PM2.5 AND PM2.5 CONSTITUENTS AND PRETERM BIRTH IN CALIFORNIA, 2000-2006
Ru Basu, Dharshani Pearson, Brian Malig, Rachel Broadwin, Kimberly Berger

PA054  ASSOCIATION BETWEEN AIR POLLUTION AND STILLBIRTH IN CALIFORNIA, 1999-2009
Ru Basu, Varada Sarовар, Brian Malig, Shelley Green

PA055  ASSOCIATION BETWEEN VITAMIN D RECEPTOR GENETIC VARIATIONS AND PRETERM BIRTH
Shu Qin Wei

PA056  OXIDIZED LDL LEVELS ARE NEGATIVELY ASSOCIATED WITH BETA CELL FUNCTION IN NEWBORNS
Zhongcheng Luo

PA057  DO INTERNATIONAL VARIATIONS IN THE PRETERM BIRTH RATE REFLECT OVERALL DIFFERENCES IN THE GESTATIONAL AGE DISTRIBUTION?
Marie Delnord, Laust Mortensen, Ashna Hindori-Mohangoo, Beatrix Blondel, Mika Gissler, Jennifer L. Richards, Paromita Deb-Rinker, Naho Morisaki, Ann-Marie Nybo Andersen, Michael S. Kramer
PA058  **THE PREVALENCE OF ADVERSE BIRTH OUTCOMES AMONG PREMENOPAUSAL BREAST CANCER SURVIVORS**  
Kristin Black, Diane Rowley, Hazel Nichols

PA059  **HEALTHY DIET IN PREGNANCY AND RISK OF LARGE FOR GESTATIONAL AGE INFANTS**  
Sneha Sridhar, Monique Hederson, Fei Xu, LaToya McGough, Melissa Harrison, Mihee Redman, Assiamira Ferrara

PA060  **ASSOCIATION OF NEIGHBORHOOD CONTEXT WITH OFFSPRING RISK OF PRETERM BIRTH AND LOW BIRTHWEIGHT: A SYSTEMATIC REVIEW AND META-ANALYSIS OF POPULATION-BASED STUDIES**  
Collette Ncube, Daniel Enquobahrie, Steven Albert, Jessica Burke

PA061  **RACIAL DISPARITIES IN THE ASSOCIATION BETWEEN MATERNAL DEPRESSION AND PRETERM BIRTH RISK**  
Collette Ncube, Daniel Enquobahrie, Amelia Gavin

### Fetal Loss

PA062  **BIRTH ORDER AND INFANT MORTALITY DUE TO EXTERNAL CAUSES IN THE UNITED STATES, 2000–2010**  
Katherine Ahrens, Marie Thoma, Margaret Warner, Lauren Rossen, Alan Simon

PA063  **THE REPORTING OF STABILIZED AND RISK-ADJUSTED RATES OF STILLBIRTH AND NEONATAL DEATH BY PLACE OF DELIVERY: MBRRACE-UK**  
Bradley Manktelow, Lucy Smith, Elizabeth Draper, David Field, Jennifer Kurinczuk

PA064  **PRENATAL MATERNAL BEREAVEMENT AND ALL-CAUSE MORTALITY IN OFFSPRING: A NATIONWIDE COHORT STUDY FROM DENMARK AND SWEDEN**  
Yongtu Yu, Sven Cnattingius, Erik Thorlund Parner, Jørn Olsen, Naiqing Zhao, Jiong Li

PA065  **AGREEMENT ON SUFFOCATION AS A CAUSE OF DEATH BETWEEN SURVEILLANCE DATA SOURCES FOR SUDDEN UNEXPECTED INFANT DEATHS (SUID)**  
Sharyn Parks Brown

PA066  **TRADITIONAL RISK FACTORS UNDERLIE THE RACIAL DISPARITY IN TERM INFANT MORTALITY RATES: A POPULATION BASED STUDY**  
Mary Orr

PA067  **BIOMARKERS OF STRESS IN THE PERICONCEPTIONAL PERIOD AND THE RISK OF PREGNANCY LOSS**  
Courtney Lynch

PA068  **ALL-CAUSE AND CAUSE-SPECIFIC INFANT MORTALITY AMONG INDIGENOUS CANADIANS**  
Gabriel Shapiro, Amanda Sheppard, Tracey Bushnik, Michael Kramer, Jay Kaufman, Seungmi Yang

PA069  **EARLY PREGNANCY COFFEE CONSUMPTION AND RISK OF MISCARRIAGE**  
Kristen Hahn, Elizabeth Hatch, Kenneth Rothman, David Savitz, Amelia Wesselink, Ellen Mikkelsen, Lauren Wise

PA070  **MODIFIABLE LIFESTYLE RISK FACTORS FOR ECTOPIC PREGNANCY: A PROSPECTIVE COHORT STUDY**  
Audrey Gaskins, Stacey Missmer, Janet Rich-Edwards, Paige Williams, Irene Souter, Jorge Chavarro

PA071  **CHANGES IN PRETERM INFANT MORTALITY RATE AMONG BLACK AND WHITE POPULATIONS FROM 1995 TO 2009 IN THE UNITED STATES**  
Prabhu Viswanathan, Martha Wingate, Waldemar Carlo

### Lifecourse

PA072  **LIFE COURSE-ADJUSTED ASSOCIATIONS BETWEEN INTRAUTERINE ENVIRONMENT AND DNA METHYLATION IN YOUNG ADULT WOMEN OF A JERUSALEM PERINATAL STUDY SUB-COHORT.**  
Jonathan Huang

PA073  **MATERNAL ADIPOSITY AND DAUGHTERS' AGE AT MENARCHE: THE AVON LONGITUDINAL STUDY OF PARENTS AND CHILDREN**  
Rebecca Lawn, Debbie Lawlor, Abigail Fraser

PA074  **MATERNAL EXPOSURE TO CHILDHOOD MALTREATMENT AND RISK OF STILLBIRTH**  
Alexa Freedman, Carol Hogue, Alison Cannmack, Jeff Temple, Robert Silver, Donald Dudley, Barbara Stoll, Michael Varner, George Saade, Deborah Conway, Robert Goldenberg

### Maternal Health

PA075  **EVALUATION OF GESTATIONAL WEIGHT GAIN GUIDELINES AMONG WOMEN OF NON-AVERAGE HEIGHT, WASHINGTON STATE 2003-2013**  
Vivian Lyons
PA076  THE FURAN FATTY ACID METABOLITE CMPF IN EARLY PREGNANCY AND RISK OF GESTATIONAL DIABETES MELLITUS
Chunfang Qiu

PA077  GESTATIONAL WEIGHT GAIN AND RISK OF GESTATIONAL DIABETES MELLITUS IN HISPANIC WOMEN
Megan Harvey, Barry Braun, Karen Ertel, Glenn Markenson, Penelope Pekow, Lisa Chasan-Taber

PA078  GENETIC VARIATIONS RELATED TO MATERNAL WHOLE BLOOD MITOCHONDRIAL DNA COPY NUMBER: A GENOME-WIDE AND CANDIDATE GENE STUDY
Tsegaselassie Workalemahu

PA079  TRIGGERS OF PREECLAMPSIA: A CASE CROSSOVER STUDY
Jane Ford, Kathrin Schemann, Rob Herbert, Jillian Patterson, Jonathan Morris, Christine Roberts

PA080  SHOULD PREGNANT WOMEN BE ADVISED TO TAKE CALCIUM SUPPLEMENTS DURING PREGNANCY?
Luc Smits

PA081  GESTATIONAL WEIGHT GAIN PATTERNS IN RELATION TO SHORT-TERM BIRTH OUTCOMES
Sarah Pugh, Sungduk Kim, Paul Albert, Stefanie Hinkle, Roger Newman, Deborah Wing, William Grobman, Katherine Grantz

PA082  MATERNAL LIPIDS AND TIME TO PREGNANCY

PA083  PATTERNS OF PSYCHOSTIMULANT USE FROM 2000-2010 IN PUBLICLY-INSURED PREGNANT WOMEN
Jacqueline Cohen, Yoonyoung Park, Krista Huybrechts, Brian Bateman, Sonia Hernandez-Diaz

PA084  PSYCHOSTIMULANT USE IN PREGNANCY AND RISK OF PLACENTAL COMPLICATIONS AND PRETERM DELIVERY
Jacqueline Cohen, Sonia Hernandez-Diaz, Brian Bateman, Krista Huybrechts

PA085  MATERNAL HEALTHCARE UTILIZATION IN INDONESIA: ANALYSIS OF DEMOGRAPHIC AND HEALTH SURVEY 2012
Vitri Widyaniingsih, Megan Eagle, Claudia Holzman

PA086  CUMULATIVE PHYSIOLOGIC DYSFUNCTION AND PREGNANCY
Kimberly McKee, Diana Fernandez, Susan Groth, Chris Seplaki, Susan Fisher

PA087  THE OTHER HISPANIC PARADOX? MATERNAL OBESITY, NATIVITY, AND GESTATIONAL DIABETES AMONG LATINA WOMEN IN NEW YORK CITY, 2011-2013
Teresa Janevic, Elizabeth Howell, Jennifer Zeitlin, Amy Balbierz

METHODS

PA088  THE ROLE OF FETAL GROWTH AS A MEDIATOR OF THE RELATIONSHIP BETWEEN MATERNAL EXPOSURES AND PERINATAL DEATH
Alexandra V. C. Seaward, Olga Basso, Jay S. Kaufman, Robert Platt

PA089  VALIDITY OF A WEB-BASED QUESTIONNAIRE TO ASSESS PERINATAL OUTCOME
Marleen van Gelder, Saskia Vorstenbosch, Lineke Derks, Bernke te Winkel, Eugene van Puijenbroek, Nel Roeleveld

PA090  USING WEB-BASED QUESTIONNAIRES TO ASSESS MEDICATION USE DURING PREGNANCY: A VALIDATION STUDY IN TWO PROSPECTIVE COHORT STUDIES
Nel Roeleveld, Marleen van Gelder, Saskia Vorstenbosch, Bernke te Winkel, Eugene van Puijenbroek

PA091  LONG-TERM RECALL OF TIME TO PREGNANCY
Anne Marie Jukic, D. Robert McConnaughey, Clarice Weinberg, Allen Wilcox, Donna Baird

PA092  HEALTHY WORKER BIASES IN STUDIES OF OCCUPATIONAL EXPOSURES AND PREGNANCY OUTCOMES
Candice Johnson, Carissa Rocheleau, Christina Lawson, Barbara Grajewski, Penelope Howards

PA093  VALIDATION OF MATERNAL RECALL OF EARLY PREGNANCY MEDICATION EXPOSURE USING PROSPECTIVE DIARY DATA
Alexandra Sundermann, Katherine Hartmann, Sarah Jones, Eric Torstenson, Digna Velez Edwards

PA094  USING INSURANCE CLAIMS DATA TO IDENTIFY AND ESTIMATE CRITICAL PERIODS IN PREGNANCY
Elizabeth Ailes, Regina Simeone, Emily Petersen, April Dawson, Suzanne Gilboa

PA095  PRE-PREGNANCY BODY MASS INDEX AND GESTATIONAL WEIGHT GAIN: HOW WELL DO DATA FROM THE PREGNANCY RISK ASSESSMENT MONITORING SYSTEM AND BIRTH CERTIFICATE AGREE WITH THE MEDICAL RECORD?
Nicholas Deputy, Andrea Sharma, Jennifer Bombard, Timothy Lash, Usha Ramakrishnan, Laura Schieve, Aryeh Stein, Michael Nyland-Funke
PA096  RACIAL DIFFERENCES IN SEASONAL PATTERNS OF VITAMIN D AMONG PREGNANT WOMEN IN DURHAM, NORTH CAROLINA
Devika Chawla, Jessie Buckley, Bernard Fuemmeler, Sara Benjamin Neelon, Susan Murphy, Cathrine Hoyo, Julie Daniels

PA097  SIBLING ANALYSES OF THE ASSOCIATION BETWEEN FEVER AND COMMON INFECTIONS IN PREGNANCY AND ACADEMIC PERFORMANCE IN THE OFFSPRING
Julie Dreier, Gabriele Berg-Beckhoff, Per Kragh Andersen, Anne-Marie Nybo Andersen

PA098  RECALL OF EXPOSURES DURING EARLY PREGNANCY
Helen Chin, Donna Baird, D. Robert McConnaughey, Anne Marie Jukic

OBSTETRIC HEALTH

PA099  HERPES SIMPLEX VIRUS-2 SEROPREVALENCE AND ULTRASOUND DIAGNOSED UTERINE FIBROIDS IN A LARGE POPULATION OF YOUNG AFRICAN-AMERICAN WOMEN
Kristen Moore

PA100  DEMOGRAPHIC AND SCREENING CHARACTERISTICS OF GESTATIONAL CARRIERS AND TRADITIONAL SURROGATES IN THE UNITED STATES
Erika Fuchs, Abbey Berenson

PA101  U.S. TRENDS AND PREDICTORS OF LONGER LENGTH OF STAY OF POSTPARTUM HOSPITALIZATIONS, 1998-2013
Jonetta Johnson, Elena Kuklina

PA102  SOURCES OF INFLUENCE ON PREGNANT WOMEN'S PREFERRED MODE OF DELIVERY
Melissa Amyx, Xu Xiong, Luz Gibbons, Pierre Buekens

PA103  MEDIATION ANALYSIS OF THE ASSOCIATION BETWEEN LABOR INDUCTION AND CESAREAN DELIVERY: FINDINGS FROM THE FIRST BABY STUDY
Kristen Kjerulff

PA104  CESAREAN DELIVERY AT FIRST CHILDBIRTH AND SUBSEQUENT FERTILITY: A 36 MONTH PROSPECTIVE COHORT STUDY
Kristen Kjerulff

PA105  A COMPARISON OF FOUR METHODS TO ASSESS THE RELATION BETWEEN GESTATIONAL WEIGHT GAIN AND STILLBIRTH: FINDINGS FROM THE STILLBIRTH COLLABORATIVE RESEARCH NETWORK
Cassandra Gibbs Pickens, Carol Hogue, Penny Howards, Michael Kramer

PA106  TERM ELECTIVE INDUCTION OF LABOR VERSUS EXPECTANT MANAGEMENT TO REDUCE RISK OF CESAREAN SECTION AMONG OBESE WOMEN
Cassandra Gibbs Pickens, Carol Hogue

PA107  ENDOMETRIOSIS AND ADVERSE PREGNANCY OUTCOME: A DANISH COHORT STUDY
Maria Tølbøll Glavind, Tine Brink Henriksen, Axel Forman, Linn Håkonsen Arendt

PA108  ANALYSIS OF BIRTHS AT HOME IN ENGLAND AND WALES BY TIME OF DAY AND DAY OF THE WEEK USING LINKED ADMINISTRATIVE DATA
Niru Dattani

PA109  NEONATAL AND MATERNAL OUTCOMES FOLLOWING MIDPELVIC OPERATIVE VAGINAL DELIVERY
Giulia Muraca, Yasser Sabr, Rollin Brant, Geoffrey Cundiff, KS Joseph

PA110  TEMPORAL AND REGIONAL VARIATION IN OPERATIVE VAGINAL DELIVERY BY PELVIC STATION, CANADA, 2004-2013
Giulia Muraca, Yasser Sabr, Rollin Brant, Geoffrey Cundiff, KS Joseph

PA111  DIFFERENTIAL RATES OF UNPLANNED POST-PARTUM HYSTERECTOMY BY INTENTIONS OF PREGNANCY AT CONCEPTION
Dongmei Li, Margaret Demment, Christopher Glantz, Martha Wojtowycz, James Shelton, Jamie Gifford, Scott Dexter, Timothy Dye

PEDIATRIC HEALTH

PA112  DIAGNOSTIC THRESHOLDS FOR GESTATIONAL DIABETES AND CHILDHOOD OVERWEIGHT AND OBESITY
Samantha Ehrlich

PA113  BREASTMILK FEEDING AND INFANT BODY COMPOSITION
Katherine Bell, Carol Wagner, Henry Feldman, Mandy Brown Belfort
PA114  LOW APGAR SCORE AND LONG TERM MORBIDITIES: A POPULATION BASED COHORT STUDY WITH UP TO 18 YEARS OF FOLLOW- UP
Tamar Wainstock, Asnat Walfisch, Ruslan Sergienko, Eyal Sheiner

PA115  PLACENTAL 11β-HSD2 AND CORD PLASMA CORTISOL LEVELS, METABOLIC AND CARDIOVASCULAR HEALTH INDICES IN INFANTS
Lu Chen

PA116  CARDIOMETABOLIC INDICATORS AT 7 YEARS OF AGE: DOES IT MAKE A DIFFERENCE TO BE A MULTIPLE?
GENERATION XXI (G21) BIRTH COHORT STUDY
Maria João Fonseca, Milton Severo, Henrique Barros

PA117  MEASUREMENT OF PERSONAL CARE AND CONSUMER PRODUCT PHENOLS IN 6 TO 12 WEEK OLD INFANTS
Margaret Adgent, Virginia Stallings, Donna Baird

PA118  RELATIONSHIP BETWEEN QUALITY OF PARENT-CHILD RELATIONSHIP AND PERCENT BODY FAT
Jenifer Gehlsen, Shane Fernando, Kimberly Fulda, Nusrath Habiba

PA119  THE ASSOCIATION BETWEEN LIVER ENZYME VALUES AND RISK FOR TYPE 2 DIABETES MELLITUS AMONG HIS NIC CHILDREN AGED 10-14.
Shane Fernando, Jenifer Gehlsen, Kimberly Fulda, W. Paul Bowman, Nusrath Habiba

PA120  THE USE OF ALTERNATIVE PEDIATRIC HEALTH CARE PROVIDERS BY U.S. WOMEN WHO BREASTFEED
Sarah Keim, Alexis Tchaconas, Andrew Adesman

PA121  MATERNAL GESTATIONAL WEIGHT GAIN AND OFFSPRING’S WEIGHT AT 12 MONTHS OF AGE IN RURAL GUANGXI PROVINCE, CHINA: THE MEDIATING ROLE OF BIRTH WEIGHT
Olubunmi Orekoya, Jihong Liu, Sarah Rothenberg, Nansi Boghossian, Linda Hazlett

PA122  LONG-TERM IMPACT OF THE STRONG4LIFE MAINTENANCE OF CERTIFICATION PROGRAM ON PEDIATRICIAN WEIGHT-BASED COUNSELING
Patricia Cheung, Wendy Palmer, Jean Welsh, Gazmararian Julie

PA123  MATERNAL LIPIDS DURING PREGNANCY AND CHILD WEIGHT STATUS AT AGE 3
Chantel Martin, Catherine Vladutiu, Anna Maria Siega Riz

PA124  MEASUREMENT OF CARDIOMETABOLIC RISK IN EARLY CHILDHOOD
Laura Anderson, Jonathon Maguire, Gerald Lebovic, Patricia Parkin, Catherine Birken

PA125  GROWTH TRAJECTORIES OF BODY MASS INDEX DURING THE FIRST YEAR OF LIFE AND THEIR POTENTIAL DETERMINING FACTORS
Junxiu Liu
Poster Session B
## Birth Defects

| PB001 | **Does Low Diet Quality Modify the Association Between Self-Reported Diabetes and Birth Defects?**  
  Suzanne Gilboa |
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| PB002 | **Association of Maternal Stressors and Social Support With Risks of Gastrochisis and Hypospadias**  
  Suzan Carmichael, Chen Ma, Sarah Tinker, Gary Shaw |
| PB003 | **Breastfeeding and Motor Development Among Term and Preterm Infants in a U.S. Cohort**  
  Kara A. Michels, Akghar Ghassabian, Suni L. Mumford, Rajeshwari Sundaram, Erin M. Bell, Scott C. Bello, Edwina Yeung |
| PB004 | **Maternal Antihypertensive Medication Use and Risk of Congenital Heart Defects: Updated Results From the National Birth Defects Prevention Study, 1997-2011**  
  Sarah Fisher, Alissa Van Zutphen, Angela Lin, Martha Werler, Paul Romitti, Charlotte Druschel, Marilyn Browne |
| PB005 | **Maternal Thyroid Disease, Thyroid Medication Use and Birth Defects Among Mothers in the National Birth Defects Prevention Study**  
  Meredith Howley, Sarah Fisher, Alissa Van Zutphen, Dorothy Waller, Suzan Carmichael, Marilyn Browne |
| PB006 | **Recent Trends in Birth Prevalence of Congenital Anomalies of the Kidney and Urinary Tract (CAKUT) in Canada and Potential Reasons for Change.**  
  Shiliang Liu |
| PB007 | **Maternal Cardiac Disease in Pregnancy and Postpartum: A Population Based Study in Canada**  
  Shiliang Liu |
| PB008 | **Birth Defects Assessment of Infants Born to Microelectronics and Machine Manufacturing Facility Workers**  
  Sharon Silver, Lynne Pinkerton, Carissa Rocheleau, James Deddens, Adrian Michalski, Alissa Van Zutphen |
| PB009 | **Associations Between Craniofacial Birth Defects and Disinfection By-Product Exposures in Massachusetts, 2000-2004**  
  John Kaufman, Michael Wright, Amanda Evans, Zorimar Rivera-Núñez, Michael Narotsky |

## Child Development

| PB010 | **Prenatal Exposure to Selective Serotonin Reuptake Inhibitors (SSRIs) and Cognitive Function in Childhood**  
  Hanan El Marroun, Tonya White, Vincent Jaddoe, Frank Verhulst, Bruno Stricker, Henning Tiemeier |
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| PB011 | **Maternal Levels of Perfluoroalkyl and Polyfluoroalkyl Substances During Pregnancy and Executive Function in the Offspring**  
  Cathrine Carlsen Bach, Zeyan Liew, Niels Bjerregård Matthesen, Tine Brink Henriksen, Ellen Aagaard Noehr, Bodil Hammer Bech, Beate Ritz, Jørn Olsen |
| PB012 | **Maternal Levels of Perfluoroalkyl and Polyfluoroalkyl Substances During Pregnancy and Attention in the Offspring**  
  Cathrine Carlsen Bach, Zeyan Liew, Tine Brink Henriksen, Ellen Aagard Noehr, Bodil Hammer Bech, Beate Ritz, Jørn Olsen |
| PB013 | **Prenatal Acetaminophen Use and Child’s Attention, Executive and Motor Function at Age 5**  
  Zeyan Liew, Cathrine Bach, Beate Ritz, Jørn Olsen |
| PB014 | **Hypertensive Disorders With Placental Insufficiency Associated With Increased Autism and Intellectual Disability Risk**  
  Paula Krakowiak, Daniel Tancredi, Guibo Xing, Cheryl Walker |
| PB015 | **Resilience Factors for Child Development: A Community-Based Cohort Study in Alberta, Canada**  
  Erin Hetherington |
| PB016 | **Developmental Risk Factors for Childhood Asthma**  
  Madeline Rice |
| PB017 | **Auditory Brainstem Responses and Their Association with Autism Spectrum Disorder: A Systematic Review**  
  Nicole Talge, Brooke Tudor, Julie Markant, Paal Kileny |
PB018  BEHAVIORAL DEVELOPMENT FOLLOWING EARLY LIFE ORGANOCHLORINE EXPOSURE
Aske Hess Rosenquist

PB019  THE POPULATION IMPACT OF SEVERE NEONATAL MORBIDITY AND ACUTE HEALTH ON DEVELOPMENT AMONG CHILDREN BORN AT TERM: A RECORD-LINKAGE COHORT STUDY
Jason Bentley, Francisco Schneuer, Samantha Lain, Natasha Nassar

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PB020  CORRELATION OF PREMENSTRUAL SYNDROME AND PREMENSTRUAL DYSPHORIC DISORDER WITH EATING DISORDERS IN A NATIONAL SAMPLE
Carrie Nobles, Luana Marques

PB021  THE ADVERSE REPRODUCTIVE HEALTH CONSEQUENCES OF LIMITED REPRODUCTIVE RIGHTS
Maeve Wallace, Katherine Theall

PB022  INCREASING 25-HYDROXYVITAMIN D (25(OH)D) DECREASES THE OCCURRENCE OF LONG MENSTRUAL CYCLES
Anne Marie Jukic, Anne Steiner

PB023  FACTORS ASSOCIATED WITH POSTPARTUM USE OF LONG-ACTING REVERSIBLE CONTRACEPTIVES: RESULTS FROM THE PREGNANCY RISK ASSESSMENT MONITORING SYSTEM (PRAMS), NINE STATES, 2009-2011
Titilope Oduyebo

PB024  SMOKING AND ASSOCIATED TREATMENT AND CLINICAL OUTCOMES AMONG WOMEN UNDERGOING ASSISTED REPRODUCTIVE TECHNOLOGIES
Karilynn Rockhill, Van Tong, Dmitry Kissin, Sheree Boulet, Yujia Zhang, Denise Jamieson, Lucinda England

PB025  BREASTFEEDING HISTORY AND RISK OF ENDOMETRIOSIS IN THE NURSES’ HEALTH STUDY II
Leslie V Farland, A. Heather Eliassen, Rulla M. Tamimi, Donna Spiegelman, Stacey A Missmer

PB026  PERCEIVED STRESS AND TIME TO PREGNANCY
Jihye Park, Karen Schliep, Joseph Stanford

PB027  ASSOCIATIONS BETWEEN DIETARY MINERALS AND REPRODUCTIVE FUNCTION IN PREMENOPAUSAL WOMEN
Keewan Kim, Jean Wactawski-Wende, Kara A. Michels, Torie C. Plowden, Ellen N. Chaljub, Sunni L. Mumford

PB028  COMPARING BIOMARKERS OF OVARIAN RESERVE IN A POPULATION-BASED COHORT: ANTI-MÜLLERIAN HORMONE AND ANTRAL FOLLICLE COUNT
Penelope Howards, Amy Fothergill, Melanie Jacobson, Ann Mertens, Jessica Spencer

FETAL GROWTH

PB029  PARENTAL CHARACTERISTICS CAN EXPLAIN WHY JAPANESE INFANTS ARE THE SMALLEST IN THE UNITED STATES
Naho Morisaki, Emily Oken, Ichiro Kawachi, Takeo Fujiwara

PB030  MATERNAL HEALTHY LIFESTYLE DURING EARLY PREGNANCY AND OFFSPRING BIRTHWEIGHT – OFFSPRING SEX-SPECIFIC ASSOCIATIONS
Sylvia E Badon, Raymond S Miller, Michelle A Williams, Daniel A Enquobahrie

PB031  HEALTHY LIFESTYLE DURING EARLY PREGNANCY AND RISK OF GESTATIONAL DIABETES MELLITUS
Sylvia E Badon, Daniel A Enquobahrie, Paige D Wartko, Raymond S Miller, Chunfang Qiu, Bizu Gelaye, Michelle A Williams

PB032  Trajectories of Prenatal Weight Gain Among Low Birthweight and Preterm Birth Infants: A Multilevel Analysis
Kohta Suzuki, Rei Tsukahara, Zentaro Yamagata

PB033  EFFECT OF MATERNAL SMOKING DURING PREGNANCY ON CHILDHOOD GROWTH BY QUARTILE OF BIRTH WEIGHT USING MULTILEVEL ANALYSIS
Kohta Suzuki, Miki Sato, Sonoko Mizorogi, Ryoji Shinohara, Zentaro Yamagata

PB034  “THEY’LL BE HOME BY THEIR DUE DATE”: AN APPLICATION OF MULTISTATE MODELLING FOR NEONATAL LENGTH OF STAY
Sarah Seaton, Lisa Barker, Elizabeth Draper, Keith Abrams, Bradley Manktelow

PB035  BIRTHWEIGHT CENTILES FOR BABIES BORN IN THE UK: IS IT TIME FOR AN UPDATE?
Sarah Seaton, Lucy Smith, Martin Perkins, David Field, Elizabeth Draper, Jennifer Kurinczuk, Pauline Hyman-Taylor, Bradley Manktelow
PB036  RISK FACTORS FOR MORTALITY IN INDIVIDUALS WITH CONGENITAL HEART DISEASE IN THE NORTH OF ENGLAND
Kate Best, Judith Rankin

PB037  THE IMPACT OF EXTREME MATERNAL OBESITY ON GESTATIONAL AGE AT DELIVERY; A NATIONAL STUDY OF BIRTHS IN ENGLAND
Kate Best, Emma Slack, Judith Rankin, Nicola Heslehurst

PB038  PREGNANCY OUTCOMES AMONG WOMEN WITH CONGENITAL HEART DEFECTS IN A LARGE PRIVATE INSURANCE CLAIMS DATABASE
Regina Simeone

PB039  ETHNIC DIFFERENCES IN BIRTH WEIGHT IN SURINAME: RESULTS FROM THE ‘S LADS HOSPITAL PARAMARIBO
Ashna Hindori-Mohango, Chequita Heye, Olivier Ramkhelawan

PB040  FOLIC ACID KNOWLEDGE AMONG PREGNANT WOMEN IN THE SINT VINCENTIUS HOSPITAL: THE PERISUR-PROJECT
Ashna Hindori-Mohango, Rajnie Mehilal, Lynn Leermakers, Maureen Lichtveld, Symone Detmar, Manodj Hindori

PB041  AMBIENT TEMPERATURE AND EARLY DELIVERY
Sandie Ha

PB042  MATERNAL CIRCULATING PLGF LEVELS IN RELATION TO FETAL INSULIN SENSITIVITY AND BETA-CELL FUNCTION INDICES IN INFANTS BORN SMALL-FOR-GESTATIONAL-AGE
Hua He

PB043  ASSOCIATION BETWEEN INFLUENZA IMMUNIZATION DURING PREGNANCY AND PERINATAL OUTCOMES.
Darios Getahun, Michael Fassett, Morgan Peltier, Vicki Chiu, Deborah Wing, Steven Jacobsen

PB044  GESTATIONAL WEIGHT GAIN AND THE BLACK-WHITE DISPARITY IN PRETERM BIRTH
Stephanie Leonard, Lucia Petito, Olof Stephansson, Yvonne Cheng, Jennifer Hutcheon, Lisa Bodnar, Barbara Abrams

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PB045  PREGNANCY COMPLICATIONS IN WOMEN EXPOSED AS FETUSES TO MATERNAL PRE-EXISTING CHRONIC DISEASES
Tuija Mannisto, Mika Gissler, Eero Kajantie, Hannele Laivuori, Johan Eriksson, Risto Kaaja, Anneli Pouta, Marja Vaarasmaki

PB046  FETAL EXPOSURE TO MATERNAL HYPERTENSIVE DISORDERS OF PREGNANCY IS ASSOCIATED WITH ADOLESCENT OFFSPRING CARDIAC STRUCTURE BUT NOT FUNCTION
Simon Timpka, Corrie Macdonald-Wallis, Nishi Chaturvedi, Paul W. Franks, Debbie A. Lawlor, Abigail Fraser

PB047  STRESSORS AND MISCARRIAGE: MULTIPLE DOMAINS IN LIFE-COURSE PERSPECTIVE
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PB048  ANTIBIOTIC EXPOSURE IN INFANCY AND RISK OF CHILDHOOD OVERWEIGHT AND OBESITY: A SYSTEMATIC REVIEW AND META-ANALYSIS
Avanthi Ajjarapu, Linda Snetselaar, Vanessa Curtis, Wei Bao

PB049  FAT INTAKE IN PREGNANCY AND OFFSPRING INSULIN RESISTANCE-EFFECT MODIFICATION BY GESTATIONAL DIABETES MELLITUS
Ekaterina Maslova

PB050  THE ROLE OF MATERNAL ADVERSE CHILDHOOD EXPERIENCES AND RACE IN INTERGENERATIONAL HIGH-RISK SMOKING BEHAVIORS
Veronica Pear

PB051  DAUGHTERS OF MOTHERS WHO SMOKE: IN UTERO TOBACCO EXPOSURE AND SUBSEQUENT PRENATAL SMOKING IN FEMALE OFFSPRING
Collette Ncube, Beth Mueller

PB052  RACIAL DISPARITIES IN THE TRANSGENERATIONAL TRANSMISSION OF LOW BIRTHWEIGHT RISK
Collette Ncube, Daniel Enquobahrie, Jessica Burke, Steven Albert

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PB053  POSTPARTUM MATERNAL MORTALITY AND CESAREAN DELIVERY: A POPULATION-BASED STUDY IN BRAZIL
Ana Paula Esteves-Pereira, Catherine Deneux-Tharaux, Marie-Hélène Bouvier-Colle, Maria do Carmo Leal
PB054  MATERNAL MORTALITY IN OBESE WOMEN: A NATIONAL STUDY IN FRANCE  
Ana Paula Esteves-Pereira, Monica Saucedo, Marie-Hélène Bouvier-Colle, Catherine Deneux-Tharaux

PB055  DIFFERENCES IN SYSTEMIC MATERNAL IMMUNE BIOMARKERS BY FETAL SEX  
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PB056  PREGNANCY-ASSOCIATED MORTALITY AFTER BIRTH, SPONTANEOUS ABORTION, OR INDUCED ABORTION IN FINLAND, 2001-2012  
Mika Gissler, Elina Karalis, Anna-Maija Tapper, Veli-Matti Ulander

PB057  PSYCHOSOCIAL STRESS DURING EARLY PREGNANCY IS ASSOCIATED WITH INCREASED RISK OF BACTERIAL VAGINOSIS IN NON-CAUCASIAN WOMEN  
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PB058  INCREASING RATES OF COMORBIDITIES IN PREGNANCY: TEMPORAL TRENDS IN THE UNITED STATES FROM 1992 TO 2012  
Amy Metcalfe, James Wick, Paul Ronksley

PB059  INCREASING COMPLEXITY OF DIABETES IN PREGNANCY AND IMPLICATIONS FOR MATERNAL AND NEONATAL MORBIDITY AND MORTALITY  
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PB060  ARE YOU WHAT YOUR MOTHER ATE: MATERNAL SUGAR-SWEETENED BEVERAGES INTAKE IN PREGNANCY AND OFFSPRING GROWTH AND OBESITY THROUGH AGE 7 YEARS?  
Yeyi Zhu

PB061  AMBIENT AIR POLLUTION AND RISK OF GESTATIONAL HYPERTENSION  
Yeyi Zhu

PB062  A LONGITUDINAL STUDY OF PLASMA CONCENTRATIONS OF BRANCHED-CHAIN AND AROMATIC AMINO ACIDS AND RISK OF GESTATIONAL DIABETES  
Cuilin Zhang, Yeyi Zhu, Paul Albert, Jagteshwar Grewal, Stefanie Hinkle, Shristi Rawal, Mike Tsai

PB063  SEVERE MATERNAL MORBIDITY RATES AND RELATED HOSPITAL QUALITY MEASURES IN MARYLAND.  
Lawrence Reid

PB064  FACTORS ASSOCIATED WITH ELEVATED C-REACTIVE PROTEIN IN THREE COHORTS OF REPRODUCTIVE AGE WOMEN  
Chandra Swanson, Enrique Schisterman, Rose Radin, Sunni Mumford, Neil Perkins, Aijun Ye, Torie Plowden, Noya Galai, Robert Silver, Jean Wactawski-Wende, Lindsey Sjaarda

PB065  PREVENTING UNINTENDED PREGNANCY: GENDER-DIFFERENCES IN CONTRACEPTION USE AMONG URBAN YOUNG ADULTS  
Allison Casola, Deborah Nelson, Freda Patterson

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PB066  EPIGENETIC CHANGES IN NEWBORNS EXPOSED TO ANTIDEPRESSANT MEDICATION DURING PREGNANCY - A GENOME WIDE APPROACH  
Anne-Cathrine Viuff, Tine Brink Henriksen, Lars Henning Pedersen, Kasper Kyng

PB067  ANTIDEPRESSANT MEDICATION DURING PREGNANCY AND EPIGENETIC CHANGES IN UMBILICAL CORD BLOOD: A SYSTEMATIC REVIEW.  
Anne-Cathrine Viuff, Lars Henning Pedersen, Kasper Jacobsen Kyng, Nicklas Heine Staustrup, Anders Børstgum, Tine Brink Henriksen

PB068  ANTENATAL EXPOSURE TO SELECTIVE SEROTONIN REUPTAKE INHIBITORS AND AUTISM: A SYSTEMATIC REVIEW AND META-ANALYSIS  
Hilary Brown, Neesha Hussain-Shamsy, Yona Lunsy, Cindy-Lee Dennis, Simone Vigod

PB069  NEONATAL OUTCOMES OF INFANTS BORN TO WOMEN WITH INTELLECTUAL AND DEVELOPMENTAL DISABILITIES: A POPULATION-BASED STUDY  
Hilary Brown, Virginie Cobigo, Yona Lunsy, Simone Vigod

PB070  HOMICIDE AND SUICIDE DURING PREGNANCY IN NORTH CAROLINA: USING THE NORTH CAROLINA VIOLENT DEATH REPORTING SYSTEM TO IMPROVE CASE ASCERTAINMENT  
Catherine Vladutiu, Anna Austin, Kathleen Jones-Vessey, Tammy Norwood, Scott Proescholdbell, M. Kathryn Menard
PB071  HEALTH AND WELLBEING OF MOTHERS IN THE UNITED STATES, 2007-2012  
Catherine Vladutiu, Katherine Ahrens, Sarah Verbiest, M. Kathryn Menard, Alison Stuebe

PB072  DEPRESSION, ANXIETY, AND ANTIDEPRESSANT TREATMENT: ASSOCIATION WITH IN-VITRO FERTILIZATION CYCLE OUTCOME  
Carolyn E Cesta, Alexander Viktorin, Henrik Olsson, Viktoria Johansson, Arvid Sjolander, Christina Bergh, Alkistis Skalkidou, K.G. Nygren, Anastasia N Iliadou

PB073  CORTISOL, SELF-REPORTED STRESS, AND IVF OUTCOMES IN A PROSPECTIVE COHORT OF WOMEN AND MEN UNDERGOING FERTILITY TREATMENT  
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PB075  SERUM BRAIN-DERIVED NEUROTROPIC FACTOR CONCENTRATIONS IN PREGNANT WOMEN WITH ANTEPARTUM POST-TRAUMATIC STRESS DISORDER WITH AND WITHOUT DEPRESSION  
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PB076  PLASMA ADIPONECTIN AND DEPRESSIVE SYMPTOMS DURING PREGNANCY AND POSTPARTUM: RESULTS FROM A PROSPECTIVE COHORT.  
Fernanda Rebelo, Dayana Farias, Claudio Struchiner, Gilberto Kac

PB077  EFFECTS OF OCCUPATIONAL EXPOSURE TO ENDOCRINE DISRUPTORS AND WORK-RELATED STRESS ON PREGNANCY OUTCOME  
Nel Roeleveld, Maya Schulpen, Marleen van Gelder

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Virginie Van Leeuw, Wei-Hong Zhang, Charlotte Leroy, Yvon Englert

PB079  ASSOCIATION OF ANTEPARTUM SUICIDAL IDEATION DURING THE THIRD TRIMESTER INFANT BIRTH WEIGHT AND WITH GESTATIONAL AGE AT DELIVERY  
Bizu Gelaye, Fernanda Rebelo, Gloria Larrabure, Chunfang Qiu, Miguel Angel Luque Fernandez, Percy Pacora, Sixto Sanchez, Michelle Williams

PB080  ASSOCIATION OF MIGRAINE HEADACHES WITH SUICIDAL IDEATION AMONG PREGNANT WOMEN IN LIMA, PERU  
Lauren Friedman, Bizu Gelaye, Marta Rondon, Sixto Sanchez, B. Lee Peterlin, Michelle Williams

PB081  PREVALENCE OF STRESSFUL LIFE EVENTS DURING PREGNANCY AND ITS ASSOCIATION WITH POSTPARTUM DEPRESSIVE SYMPTOMS AMONG GEORGIA WOMEN  
Florence Kanu

PB082  TRAJECTORIES OF PERINATAL DEPRESSIVE AND ANXIETY SYMPTOMS IN A COMMUNITY COHORT  
Hamideh Bayrampour

PB083  EFFECTS OF DEPRESSION ON LATER ONSET OF INTERNET ADDICTION IN PUBERTY: A COMMUNITY-BASED COHORT STUDY  
Miri Sato, Kohta Suzuki, Sonoko Mizorogi, Zentaro Yamagata

PB084  ANTENATAL AND POSTPARTUM DEPRESSION AND GESTATIONAL DIABETES RISK: UNTANGLING THE BIDIRECTIONAL RELATION IN A MULTI-RACIAL PROSPECTIVE LONGITUDINAL COHORT  
Stefanie Hinkle, Germaine Louis, Paul Albert, Shristi Rawal, Yeyi Zhu, Cuilin Zhang

PB085  CRITERIA AIR POLLUTANTS AND DEPRESSION AMONG US PREGNANT WOMEN  
Anna Pollack, Kelsey Rivers, Shamika Ranasinghe, Tuija Männistö, Danping Liu, Pauline Mendola

PB086  ASSESSING THE JOINT EFFECTS OF UN-MEDICATED MATERNAL DEPRESSIVE SYMPTOMS AND ALCOHOL CONSUMPTION IN PREGNANCY AND INFANT NEURODEVELOPMENTAL OUTCOMES.  
Gretchen Bandoli
PB088 ADVERSE BIRTH OUTCOMES AMONG SMALL- AND LARGE-FOR-GESTATIONAL AGE INFANTS BORN IN NORWAY TO WOMEN OF MIGRANT ORIGIN
Ingvil Krarup Sørbye

PB089 ARE ALL IMMIGRANT MOTHERS REALLY AT RISK OF LOW BIRTH WEIGHT AND PERINATAL MORTALITY? THE CRUCIAL ROLE OF SOCIO-ECONOMIC STATUS.
Judith Racape, Claudia Schoenborn, Mouctar Sow, Sophie Alexander, Myriam De Spiegelaere

PB090 UNDERSTANDING THE RISK OF SEVERE MATERNAL MORBIDITY IN MIGRANT WOMEN: A FRENCH POPULATION-BASED STUDY
Catherine Deneux-Tharaux, Zelda Stewart, Elie Azria, Marie-hélène Bouvier-Colle

PB091 RISK OF SEVERE MATERNAL MORBIDITY ASSOCIATED WITH IN VITRO FERTILIZATION
Catherine Deneux-Tharaux, Laurence Pelage, Camille le Ray, Pietro Santulli, Marie-helene Bouvier-Colle

PB092 NEONATAL AND CHILD MORTALITY IN ONTARIO, CANADA IS ASSOCIATED WITH MATERNAL COUNTRY OF BIRTH
Ariel Pulver, Susitha Wanigaratne, Marcelo Urquia

PB093 MATERNAL AND PERINATAL HEALTH OF REFUGEES IN ONTARIO, CANADA
Susitha Wanigaratne

PB094 PERINATAL HEALTH OUTCOMES FOR EAST AFRICAN IMMIGRANT POPULATIONS ARE UNEXPLAINED BY CLINICAL OR SOCIO-DEMOGRAPHIC RISK FACTORS: A POPULATION BASED STUDY IN VICTORIA, AUSTRALIA
Fetene B Belihu, Mary-Ann Davey, Rhonda Small

PB095 UNDERSTANDING THE REASONS FOR HIGH PERINATAL MORTALITY IN A LOW-INCOME FRENCH DISTRICT WITH A LARGE MIGRANT POPULATION
Jennifer Zeitlin, Priscille Sauvageainr, Aurélie Piedvache, Esther Guéry

PB096 MIGRANT FRIENDLY MATERNITY CARE IN A WESTERN URBAN CENTRE
Anita Gagnon, Lisa Merry, Jessica Safarian, Ayeshia Baig, Rezi Amiri

PB097 REPRODUCTIVE HEALTH RESEARCH OF WOMEN MIGRANTS TO WESTERN COUNTRIES: A SYSTEMATIC REVIEW AND META-ANALYSIS
Anita Gagnon, Kara Redden

PB098 DIFFERENCES IN BIRTH WEIGHT BY MATERNAL AND PATERNAL NATIVITY IN CANADA
Tarannum Behlim

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PB099 MECHANISMS LINKING SUBJECTIVE REPORTS OF NEIGHBORHOOD DANGER AND SAFETY AND PRETERM DELIVERY AMONG AFRICAN AMERICAN WOMEN.
Shawnita Sealy-Jefferson

PB100 NEIGHBORHOOD DISADVANTAGE AND PRETERM DELIVERY AMONG URBAN AFRICAN AMERICAN WOMEN.
Shawnita Sealy-Jefferson

PB101 IMPACT OF MATERNAL SOCIAL DEPRIVATION ON MATERNAL AND PERINATAL SEVERE ADVERSE OUTCOMES: THE PRECARE COHORT STUDY
Elie Azria, Candice Estellat, Toni Alfaiate, Thomas Schmitz, Jean-François Oury, Laurent Mandelbrot, Dominique Luton, Philippe Ravaud

PB102 IMPACT OF MATERNAL DEPRIVATION ON PREGNATAL CARE UTILIZATION: THE PRECARE COHORT STUDY
Clémence Gonthier, Candice Estellat, Toni Alfaiate, Thomas Schmitz, Jean-François Oury, Laurent Mandelbrot, Dominique Luton, Philippe Ravaud, Elie Azria

PB103 RESIDENTIAL MOBILITY PATTERNS AND CHANGES IN NEIGHBORHOOD QUALITY AMONG WOMEN MOVING BETWEEN PREGNANCIES IN THE PROVINCE OF ONTARIO, CANADA (2000-2011)
Ayaz Hyder, Hla-Hla Thein, Marcelo Urquia

PB104 MATERNAL AND PERINATAL MORBIDITY AMONG WOMEN IN RURAL VERSUS URBAN AREAS: A RESIDENCE-BASED APPROACH.
Sarka Lisonkova, Matthew Haslam, Leanne Dahlgren, Innie Chen, Anne Synnes, Kenneth Lim
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PB105 NEIGHBORHOOD ETHNIC DENSITY AND CHILDREN'S SOCIOEMOTIONAL DEVELOPMENT IN THE EARLY CHILDHOOD LONGITUDINAL STUDY-BIRTH COHORT
Jennifer Richards, Michael Kramer

PB106 PERINATAL HEALTH OUTCOMES ARE ASSOCIATED WITH BOTH NEIGHBORHOOD SOCIOECONOMIC DISADVANTAGE AND NEIGHBORHOOD AFFLUENCE
Jennifer Buher Kane, Gandarvaka Gray, Jennifer Yourkavitch, Katherine King

PB107 IS NEIGHBORHOOD DISADVANTAGE OR AFFLUENCE ASSOCIATED WITH BREASTFEEDING PRACTICES? EVIDENCE FROM NEW JERSEY.
Jennifer Yourkavitch, Jennifer Kane, Gandarvaka Miles

PB108 CHANGE IN NEIGHBORHOOD DEPRIVATION AND PERINATAL HEALTH
Gandarvaka Miles, Jennifer Yourkavitch, Jennifer Buher Kane

PEDIATRIC HEALTH

PB109 THE ASSOCIATION BETWEEN PATCHING ADHERENCE AND VISUAL ACUITY AT AGE 4½ IN THE INFANT APHAKIA TREATMENT STUDY
Carolyn Drews-Botsch, Marianne Celano, Eugenie Hartmann, Scott Lambert

PB110 IS AGE OF MENARCHE RELATED TO DIGIT RATIO OR BREASTFEEDING DURING CHILDHOOD?
Abdullah Al-Taiar

PB111 NEONATAL SEPSIS IN ARAB STATES IN THE GULF REGION: TWO-YEAR PROSPECTIVE STUDY
Abdullah Al-Taiar, Majeda Hammoud

PB112 TRAFFIC-RELATED AIR POLLUTION AND CHILDHOOD ACUTE LEUKEMIA IN OKLAHOMA
Amanda Janitz, Janis Campbell, Sheryl Magzamen, Anne Fate, Julie Stoner, Jennifer Peck

PB113 INTERACTION EFFECT OF UNEXPECTED PREGNANCY AND YOUNGER MOTHERHOOD ON INFANT ABUSE: A RETROSPECTIVE COHORT STUDY IN JAPAN
Takeo Fujiwara

PB114 PARENTAL FERTILITY TREATMENT AND CHILDHOOD EPILEPSY - A NATIONWIDE COHORT STUDY OF 565,166 LIVE BIRTHS
Laura Özer Kettner, Ulrik Schiøler Kesmodel, Cecilia Høst Ramlau-Hansen, Bjørn Bay, Beate Ritz, Niels Bjerregaard Matthiesen, Tine Brink Henriksen

PB115 PATERNAL AGE AND RISK OF CANCER IN CHILDHOOD
Stine Kjaer Urhoj, Ole Raaschou-Nielsen, Per Kragh Andersen, Laust Hvas Mortensen, Anne-Marie Nybo Andersen

PB116 FRACTURES IN 7-YEAR-OLD CHILDREN AS A RESULT OF AN INTERACTION BETWEEN BONE PROPERTIES AND PHYSICAL ACTIVITY: DIFFERENT FINDINGS FOR BOYS AND GIRLS
Ana Martins, Raquel Lucas, Teresa Monjardino, Fábio Araújo, Henrique Barros

PB117 SHAKEN BABY SYNDROME AND SOCIAL CAPITAL: A MULTILEVEL ANALYSIS OF CAREGIVERS OF INFANTS IN JAPAN
Aya Isumi

PB118 GREATER MORTALITY RISK AMONG BORDER HISPANIC TODDLERS DURING THE LAST DECADE
Jill McDonald, Lindsey Brantley

PB119 IMPACT OF CHILDCARE ARRANGEMENTS ON WEIGHT IN QUEBEC PRESCHOOL CHILDREN
Tanya Murphy

PB120 DRIVER LICENSING AND MOTOR VEHICLE CRASH RATES AMONG ADOLESCENTS WITH VISION IMPAIRMENT
Julia M. Baker, Carolyn Drews-Botsch, Melissa R. Pfeiffer, Allison E. Curry

PB121 PROMPTLY ASSESS TRENDS IN BIRTH PREVALENCE OF CEREBRAL PALSY UP TO AGE 4 IN SOUTH CAROLINA USING ADMINISTRATIVE SOURCES INCLUDING MEDICAID DATA, 1996 TO 2009
Qing Li, Stephen Kinsman, Rita Ryan, Dorothea Jenkins, Melbourne Hovell

PB122 TRENDS AND DISPARITIES IN CEREBRAL PALSY IN PERIVIABLE BIRTHS IN SOUTH CAROLINA, 1996 TO 2009
Qing Li, Dorothea Jenkins, Melbourne Hovell, Rita Ryan
SLEEP

PB123  HOW ARE NEW DADS SLEEPING? A PROSPECTIVE STUDY TO IDENTIFY PATTERNS AND DETERMINANTS OF SLEEP QUALITY IN FIRST-TIME FATHERS
Deborah Da Costa, Phyllis Zelkowitz, Kaberi Dasgupta, Ilka Lowensteyn, Kelly Hennegan, Rebecca Wickett, Michael Raptis, Samir Khalife

PB124  SLEEP DURATION IS INVERSELY ASSOCIATED WITH BIRTHWEIGHT IN A COHORT OF BRAZILIAN PREGNANT WOMEN
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