

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, Nadia 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 Broadney, 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 DiGuseppi, 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 BIOCYLE STUDY**
Kara Michels, Torie C. Plowden, Keewan Kim, Ellen N. Chaljub, Jean Wactawski-Wende, Edwina 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, Tamarra James-Todd, Lidia Mínguez-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 Edifor, Feiby Laban Nassan, Audrey Gaskins, Paige Williams, Cigdem 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. Sørensen, 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 Thayer, 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 Leshner, Torie Plowden, Stefanie Hinkle, Chandra Swanson, Keewan 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 Leshner, 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, Maeve Wallace

PA043 **HOW DO LIMITS OF VIABILITY VARY INTERNATIONALLY? - A POPULATION BASED STUDY OF 12 EUROPEAN REGIONS.**
Lucy Smith, Beatrice 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, Josée 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, Ashraful 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, Ashraful 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, Ashraful 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 Sarovar, 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, Béatrice 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 Hedderson, 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: MBRACE-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**
Yongfu 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 Cammack, 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**
Sarah Pugh, Enrique Schisterman, Neil Perkins, Sunni Mumford, Lindsey Sjaarda, Richard Browne, Robert Silver, Jean Wactawski-Wende, Noya Galai, Joseph Stanford, Brian Wilcox, Ann Lynch
- 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 Widyarningsih, 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 Hoyoy, 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 11 β -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
- PB002 **ASSOCIATION OF MATERNAL STRESSORS AND SOCIAL SUPPORT WITH RISKS OF GASTROSCHISIS 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, Sunni 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
- PB011 **MATERNAL LEVELS OF PERFLUOROALKYL AND POLYFLUOROALKYL SUBSTANCES DURING PREGNANCY AND EXECUTIVE FUNCTION IN THE OFFSPRING**
Cathrine Carlsen Bach, Zeyan Liew, Niels Bjerregård Matthiesen, Tine Brink Henriksen, Ellen Aagaard Nohr, 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 Nohr, 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, Paul 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

FERTILITY

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 Oduyabo

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 MULTI-LEVEL 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, Miri 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-Mohangoo, Chequita Heye, Olivier Ramkhelawan
- PB040 **FOLIC ACID KNOWLEDGE AMONG PREGNANT WOMEN IN THE SINT VINCENTIUS HOSPITAL: THE PERISUR-PROJECT**
Ashna Hindori-Mohangoo, 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

LIFE COURSE

- 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**
Yu Li, Claire Margerison-Zilko, Kelly L. Strutz, Claudia Holzman
- 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

MATERNAL HEALTH

- 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**
Brandie Taylor
- 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**
Negar Tabatabaei
- 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**
Amy Metcalfe, Yasser Sabr, Jennifer Hutcheon, Lois Donovan, Janet Lyons, Jason Burrows, KS Joseph
- 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

MENTAL HEALTH

- 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 Staunstrup, Anders Børghlum, 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 Lunsky, Cindy-Lee Dennis, Simone Vigod
- PB069 **NEONATAL OUTCOMES OF INFANTS BORN TO WOMEN WITH INTELLECTUAL AND DEVELOPMENTAL DISABILITIES: A POPULATION-BASED STUDY**
Hilary Brown, Virginia Cobigo, Yona Lunsky, 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**
Carolyn E Cesta, Henrik Olsson, Anastasia Nyman Iliadou
- PB074 **SUICIDAL BEHAVIOR-RELATED HOSPITALIZATIONS AMONG PREGNANT WOMEN IN THE UNITED STATES, 2006 – 2012**
Qiu-Yue Zhong
- PB075 **SERUM BRAIN-DERIVED NEUROTROPHIC FACTOR CONCENTRATIONS IN PREGNANT WOMEN WITH ANTEPARTUM POST-TRAUMATIC STRESS DISORDER WITH AND WITHOUT DEPRESSION**
Na Yang, Bizu Gelaye, Qiuyue Zhong, Marta B. Rondon, Sixto E. Sanchez, Michelle A. Williams
- 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
- PB078 **MATERNAL DEPRESSION AND USE OF ANTIDEPRESSANTS DURING PREGNANCY INCREASE THE RISK OF ADVERSE PREGNANCY OUTCOMES: AN IPD META-ANALYSIS**
Nel Roeleveld, Richelle Vlenterie, Monica Pop-Purceleanu, Marleen van Gelder
- 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

MIGRANT HEALTH

- PB087 **EFFECT OF MATERNAL CITIZENSHIP ON THE ASSOCIATION BETWEEN HEIGHT AND RISK OF PRETERM BIRTH: POPULATION BASED STUDY IN BELGIUM**
Virginie Van Leeuw, Wei-Hong Zhang, Charlotte Leroy, Yvon Englert

- 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 Spiegelare
- PB090 **UNDERSTANDING THE RISK OF SEVERE MATERNAL MORBIDITY IN MIGRANT WOMEN: A FRENCH POPULATION-BASED STUDY**
Catherine Deneux-Tharoux, Zelda Stewart, Elie Azria, Marie-hélène Bouvier-Colle
- PB091 **RISK OF SEVERE MATERNAL MORBIDITY ASSOCIATED WITH IN VITRO FERTILIZATION**
Catherine Deneux-Tharoux, 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 Sauvegrain, Aurélie Piedvache, Esther Guéry
- PB096 **MIGRANT FRIENDLY MATERNITY CARE IN A WESTERN URBAN CENTRE**
Anita Gagnon, Lisa Merry, Jessica Safarian, Ayesha 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

NEIGHBORHOOD

- 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 PRENATAL CARE UTILIZATION: THE PRECARE COHORT STUDY**
Clémentine 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

- 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-Ta'iar
- PB111 **NEONATAL SEPSIS IN ARAB STATES IN THE GULF REGION: TWO-YEAR PROSPECTIVE STUDY**
Abdullah Al-Ta'iar, Majeda Hammoud
- PB112 **TRAFFIC-RELATED AIR POLLUTION AND CHILDHOOD ACUTE LEUKEMIA IN OKLAHOMA**
Amanda Janitz, Janis Campbell, Sheryl Magzamen, Anne Pate, 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 Ozer 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 PERIVIALE 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**
Ana Beatriz Franco-Sena, Linda Kahn, Dayana Farias, Aline Ferreira, Ilana Eshriqui, Amanda Figueiredo, Michael Schlüssel, Pam Factor-Litvak, Gilberto Kac
- PB125 **PREVALENCE OF UNSAFE SLEEP FACTORS AMONG DEATHS CLASSIFIED AS EXPLAINED SUFFOCATION AND UNEXPLAINED POSSIBLE SUFFOCATION**
Carrie Shapiro-Mendoza
- PB126 **POPULATION-BASED STUDY OF SLEEP APNEA IN PREGNANCY AND MATERNAL AND INFANT OUTCOMES**
Yu Sun Bin, Peter Cistulli, Jane Ford
- PB127 **OUTCOMES OF BREECH BY MODE OF DELIVERY: A POPULATION LINKAGE STUDY**
Yu Sun Bin, Christine Roberts, Jane Ford, Michael Nicholl
- PB128 **SLEEP QUALITY BUT NOT DURATION IS ASSOCIATED WITH TESTOSTERONE LEVELS: A PILOT STUDY OF MEN FROM AN URBAN FERTILITY CLINIC**
Linda Kahn, Pam Factor-Litvak, Mark Sauer
- PB129 **GESTATIONAL DIABETES RISK IN RELATION TO SLEEP DURATION AND NAPPING DURING THE 1ST AND 2ND TRIMESTER OF PREGNANCY: A PROSPECTIVE COHORT STUDY**
Shristi Rawal, Stefanie N. Hinkle, Yeyi Zhu, Paul S. Albert, Cuilin Zhang
- PB130 **BIOMARKERS OF IRON STATUS AND SUBSEQUENT RISK OF GESTATIONAL DIABETES: FINDINGS FROM A PROSPECTIVE, MULTI-RACIAL COHORT**
Shristi Rawal, Wei Bao, Yeyi Zhu, Stefanie N. Hinkle, Jagteshwar Grewal, Paul S. Albert, Michael Y. Tsai, Cuilin Zhang