

CURRICULUM VITAE

PATRICK M. CATALANO, M.D., FACOG

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MetroHealth Medical Center
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PLACE OF BIRTH: N/A

FAMILY: N/A

MILITARY SERVICE: National Health Service Corps
Cato, New York, 1976-1978

EDUCATION & TRAINING:

Providence College, Providence, Rhode Island, B.A., 1967-1971
University of Vermont College of Medicine, Burlington, Vermont, M.D., 1971-1975
Rotating Internship: San Francisco General Hospital, San Francisco, California, 1975-1976
Residency: Obstetrics and Gynecology, University of Vermont College of Medicine, Burlington, Vermont, 1978-1981
Fellowship: Maternal-Fetal Medicine, Department of Obstetrics and Gynecology, University of Vermont College of Medicine, Burlington, Vermont, 1981-1983

ACADEMIC APPOINTMENTS:

Chairperson, Department of Obstetrics and Gynecology, MetroHealth Medical Center, Case Western Reserve University, 7/1/98-Present

Associate Program Director, General Clinical Research Center, Case Western Reserve University, 12/93-7/31/98.

Professor with Tenure, Department of Reproductive Biology, Case Western Reserve University, 7/97-present.

Associate Professor with Tenure, Department of Reproductive Biology, Case Western Reserve University, 7/92-6/97.

Program Director, Perinatal Clinical Research Center, Case Western Reserve University, Cleveland, OH, 7/89-11/92.

Assistant Professor, Tenure Track Department of Reproductive Biology, Case Western Reserve University, Cleveland, OH, 7/89-6/92.

Assistant Professor, Department of Obstetrics and Gynecology, University of Vermont College of Medicine, Burlington, Vermont, 1983-1989.

Director, Medical Student Education, Department of Obstetrics and Gynecology, University of Vermont College of Medicine, Burlington, Vermont, 1983-1986.

BOARD CERTIFICATION:

American Board of Obstetrics & Gynecology, 12/31/85
 Maternal-Fetal Medicine Subspecialty Certification, 2/30/87
 Recertification, General and Maternal-Fetal Medicine, 6/30/95

HONORS:

Moses Dyer Carbee Prize, 1975
 Junior Fellow of American College of Obstetrics and Gynecology, Clinical
 Research Award Sponsored by Mead Johnson, 1982
 American College of Obstetrics and Gynecology Maternal Fetal Medicine Sam
 Seeds Research Fellowship Award, 1983
 Department of Obstetrics and Gynecology, MetroHealth Medical Center,
 Teacher of the Year Award, 1993
 National Faculty Award for Excellence in Resident Education, Council on Resident
 Education in Obstetrics and Gynecology, 1994
 President, Perinatal Research Society, 1997
 Norbert Freinkel Lecture Outstanding Research in the Field of Diabetes in Pregnancy, 2000
 Strathmore's Who's Who, 2002
 Chair, American Diabetes Association, Pregnancy and Women's Health Council, 2004-2006

REVIEWER:

Journals: Obstetrics and Gynecology
 Journal of Pediatrics
 Diabetes Care
 American Journal of Perinatology
 American Journal of Obstetrics and Gynecology
 Journal of Reproductive Medicine
 American Journal of Clinical Nutrition
 Journal of Maternal-Fetal Medicine
 American Journal of Physiology
 Journal of the Society for Gynecologic Investigation
 New England Journal of Medicine
 Diabetes (Editorial Board)
 Early Human Development
 Diabetologia
 Journal of Clinical Endocrinology and Metabolism (Editorial Board)
 The Lancet
 Diabetes Medicine
 Placenta
 Obesity Research
 European Journal of Clinical Nutrition

Editorial Board: Diabetes (2004)
 Journal of Clinical Endocrinology and Metabolism (2004)

Abstracts: Society for Maternal-Fetal Medicine (Senior Reviewer)
 Society for Gynecologic Investigation
 American Diabetes Association

GRANT REVIEWER:

NIH: NICHD Special Grant Applications, 1987
 General Clinical Research Center Site Visitor, USC, 6/92
 PO-1 Program project, 11/95
 General Clinical Research Center Site Visitor, USC, 11/96

NICHD Special Reviewer K-24 Award 11/99
Ad Hoc Reviewer HED-1 Study Section - 2/01, 6/04

OTHER: Kaiser Foundation Grant
March of Dimes –2003-Present

RESEARCH ADVISOR:

Ira Bernstein, M.D. - University of Vermont
Michael Krew, M.D. - MetroHealth Medical Center/CWRU
Ralph Kehl, M.D. - MetroHealth Medical Center/CWRU
Diana Smigaj, M.D. - MetroHealth Medical Center/CWRU
Carol Lindsay, M.D. - MetroHealth Medical Center/CWRU
Stephen Emery, M.D. - MetroHealth Medical Center/CWRU
Jennifer Uvena-Celebrezze, M.D. - MetroHealth Medical Center/CWRU
Aleksandar Rajkovic, M.D. - MetroHealth Medical Center/CWRU
Kazumasa Hashimoto, M.D. - MetroHealth Medical Center/CWRU
Bradley Stetzer, D.O. - MetroHealth Medical Center/CWRU
Ndubueze Okereke, M.D., MPH - MetroHealth Medical Center/CWRU
Sharon Groh-Wargo, Ph.D. - Doctoral Consultant, Department of Nutrition/CWRU
Hugh M. Ehrenberg, M.D. –MetroHealth Medical Center/CWRU
Celeste Durnwald, M.D. - MetroHealth Medical Center/CWRU

SERVICE ASSIGNMENTS:

Case Western Reserve University/MetroHealth Medical Center:

Chairman - Search Committee - Chair, Department of Medicine, MetroHealth Medical Center/
Case Western Reserve University, 2001

Operating Room Executive Committee 2000 to 2003

MetroHealth Management Council 1998 to present

MetroHealth Executive Committee 1998 to present

Search Committee – Chair, Bioethics, Case Western Reserve University, 1999

Faculty Council Member - Case Western Reserve University at MetroHealth Medical
Center, 1997-2000

Research Advisory Committee for Research, Charles H. Rammelkamp Center for
Education and Research, MetroHealth Medical Center, 1995 to present

Conflict of Interest Committee, Case Western Reserve University School of Medicine Dean's
Special Committee, 1994 to 1998

Scientific Review Committee, General Clinical Research Center, Case Western Reserve University,
1993 to 1998

Committee for Promotion and Tenure, Department of Reproductive Biology, Case Western
Reserve University, 1992 to 2000

MetroHealth Seminars in Medical Sciences, 1991 to 1994

Advisory Committee General Clinical Research Center, Case Western Reserve University, 1989
to present

Perinatal Clinical Research Center Scientific Review Committee, 1989 to 1992

Alternate Member Ob/Gyn - Human Investigation Committee, MetroHealth Medical Center, 1989 to 1999

Regional Organizations:

Diabetes Association of Greater Cleveland, Board Member (Research Review Committee, chair), 1994 to 1997

Diabetes Association of Greater Cleveland, Board Vice President, 1997 to 2002

Other Organizations:

Advancement Committee, University of Vermont College of Medicine, 1982-1986

Nutrition Committee, Medical Center Hospital of Vermont, 1984-1989

Vermont Chapter of the American Diabetes Association, Board Member, 1987-1989

New England Perinatal Society, 1983-1989; President, 1987-1988

National Organizations:

Society for Gynecologic Investigation - Program Committee, 1991

Perinatal Research Society (Obstetric Council) 1994-1996

Examiner for Oral Board Examination, American College of Obstetrics and Gynecology, 1995 to present

American Diabetes Association, Pregnancy Section Review Committee, 1996-2002

Examiner for Oral Board Certification, Maternal Fetal Medicine Subspecialty Boards, 1997 to Present

Perinatal Research Society, President, 1999

Session Moderator – Society of Maternal-Fetal Medicine – Diabetes Special Interest Group, 1999-2000

American Diabetes Association - Planning Committee 2002-2004

Pregnancy Section Council Chair - Diabetes in Pregnancy, 2003

MEMBERSHIPS:

New York State Medical Society (Past)
Vermont State Medical Society (Past)
American College of Obstetricians and Gynecologists
Society of Maternal-Fetal Medicine (Formerly: Society of Perinatal Obstetricians)
American Diabetes Association
Society for Gynecologic Investigation
Cleveland OB/GYN Society
Perinatal Research Society
American Gynecologic and Obstetrical Society

GRANT SUPPORT:*Present:*

NIH RO1 HD-22965-13: "Insulin Resistance and Glucose Metabolism in Pregnancy", Principal Investigator; TDC \$350,000; 5/1/87-4/30/93, TDC \$731,859; 5/1/93-6/30/99; TDC \$694,565; 7/99-6/04

NIH R01 HD34243: "Hyperglycemia & Adverse Pregnancy Outcome (HAPO)", Principal Investigator; TDC \$589,196; 12/98-11/05

NIH HD01273-03 Women's Reproductive Health Training Grant; Principal Investigator; TDC \$500,000; 7/99-6/04

NIH DK55369: "Placental Glucose Transport in Diabetic Pregnancies", Co-Principal Investigator; TDC \$55,370; 8/99-1/04

NIH HD-00-009 "Cooperative Multi-center Maternal Fetal Medicine Units (MFMU) Network"; Alternate PI; TDC \$1,361,331; 4/01-3/06

American Diabetes Association: "Role of Placental Leptin in the Regulation of Fetal Growth and Adiposity", Principal Investigator; TDC \$300,000; 1/1/04-12/31/06

Past:

NIH HD-11089-18: Perinatal Emphasis Research Center Grant (PERC); "Mechanisms and effect of glucose insulin sensitivity in pregnant women", Principal Investigator; Project 1; TDC \$497,580; 4/93-3/03

NIH MO1 RR-00080-34: General Clinical Research Center (GCRC); Associate Program Director; TDC \$3,736,424; 12/1/93 - 11/30/98

NIH NO1-HD-1-3125: "Trial of Calcium Supplementation in Pregnancy for the Prevention of Preeclampsia and Preterm Births," Principal Investigator; TDC \$1,547,251; 4/01/91 - 4/30/96

NIH 1 R29 HD-22965: "Insulin Resistance and Glucose Metabolism in Pregnancy," Principal Investigator; TDC \$350,000; 5/1/87-4/30/93, TDC \$731,859; 5/1/93-6/30/99

Weight Watchers Foundation Research Grant: "Followup Evaluation of Body Composition and Fat Distribution in Children of Normal Women and Women with Gestational Diabetes," Principal Investigator; TDC \$30,000; 7/1/90-6/31/93

General Clinical Research Center (Perinatal); Program Director, TDC \$566,353 9/1/89-11/30/92

Cleveland Diabetes Association: "Studies of Hyperinsulinemia and calcium turnover in pregnancy and preeclampsia," Co-Principal Investigator; TDC \$60,000; 1/1/92-12/31/94

Diabetes Treatment Centers of America Foundation Clinical Research Grant: "Longitudinal Evaluation of Insulin Response and Insulin Resistance in Gestational Diabetic and Normal Pregnant Women," Principal Investigator; TDC \$15,000; 7/1/86-2/31/87

NIH NICHD: "Placental Cortisol Biosynthesis," Co-Investigator; 9/1/87-8/31/90; 10% effort.

Mead Johnson Clinical Research Fellow Award: "The Incidence of Genital Herpes Virus in Pregnant Women at the Time of Parturition," Principal Investigator; TDC \$4,000; 1982

PUBLICATIONS:

Broaddus S, **Catalano PM**, Leadbetter G, Mann LI: Cessation of premature labor following removal of distal ureteral calculus. *Am J Obstet Gynecol* 143:864, 1982.

Baker D, **Catalano PM**, Makowski P, Gibson M: Value of computed tomography (CT) in obstetrical emergency. *Diag Gyn Obstet* 4:53, 1982.

Clapp JF, McLaughlin MK, Gellis J, Hemphill C, **Catalano PM**: Regional distribution of cerebral blood flow in experimental intrauterine growth retardation. *Am J Obstet Gynecol* 150:843-846, 1984.

Charache S, **Catalano PM**, Burns S, Jones RT, Koler RD, Rutstein R, Williams RR: Pregnancy in carriers of high affinity hemoglobins. *Blood* 69(3):713-718, 1985.

Lee K, **Catalano PM**, Ortize-Giroux S: Report of a case with a unique cytologic feature and emphasis on the difficulty of eliminating squamous contamination. *Acta Cytol* 30(2):177-182, 1986.

Catalano PM, Bernstein IM, Wolfe RR, Srikanta S, Sims EAH: Subclinical abnormalities of glucose metabolism in former gestational diabetics subjects. *Am J Obstet Gynecol* 1255-1262, 1986.

Catalano PM: The diabetic pregnancy: is it time to enjoy the fruits of our labours? *Diabetes Care* 11(3):292-293, 1988.

Catalano PM: Clinical applications of body composition in pregnancy and the fetus. *Proceedings of the 98th Ross Conference on Body Composition*, September 7-10, 1988, pp 84-90.

Catalano PM, Ashikaga T, Mann LI: Cervical change and uterine activity as predictors of preterm delivery. *Am J Perinatology* 6(2):185-190, 1989 and *Clinical Digest Series*.

Bernstein IM, Watson M, Simmons GM, Capeless EL, **Catalano PM**, Davis G, Collins R: Maternal brain death and prolonged fetal survival. *Obstet Gynecol* 74:434-437, 1989.

Catalano PM, Tyzbir ED, Sims EAH: Islet cell antibodies: incidence and significance in women with previous gestational diabetes. *Diabetes Care*, 13:478-482, 1990.

Bernstein IM, **Catalano PM**: Ketoacidosis in pregnancy associated with the parenteral administration of terbutaline and betamethasone. *J Reprod Med*, 35:818-820, 1990.

Catalano PM, Capeless EL, Robbins DC, Horton ES: Successful pregnancy outcome in association with lipotrophic diabetes mellitus. *Obstet Gynecol* 76:978-979, 1990.

Catalano PM, Capeless EL: Fetomaternal bleeding as an etiology of recurrent fetal morbidity and mortality. *Obstet Gynecol*, 76:972-973, 1990.

Catalano PM, Merritt A, Mead PB: Incidence of genital herpes simplex virus at the time of delivery in women with known risk factors. *Am J Obstet Gynecol*, 164:1303-1306, 1991.

Bernstein IM, **Catalano PM**: Ultrasound estimation of fetal body composition. *Investigative Radiology*, 26:722-726, 1991.

Catalano PM, Vargo KM, Bernstein IM, Amini S: Incidence and risk factors associated with abnormal post partum glucose tolerance in women with gestational diabetes. *Am J Obstet Gynecol*, 165:914-919, 1991.

Catalano PM, Tyzbir ED, Roman NM, Amini SE, Sims EAH: Longitudinal changes in insulin release and insulin resistance in non-obese pregnant women. *Am J Obstet Gynecol* 165:1667-1672, 1991.

Catalano PM, Tyzbir ED, Allen SR, McBean JH, McAuliffe TL: Evaluation of fetal growth by estimation of neonatal body composition. *Obstet Gynecol* 79/1:46-50, 1992.

Catalano PM, Hollenbeck C: Energy requirements in pregnancy. *Obstetrics and Gynecology Survey* 47(6):368-372, 1992.

Bernstein IM, **Catalano PM**: Influence of fetal fat on the ultrasound estimation of fetal weight in diabetic mothers. *Obstet Gynecol* 79:561-563, 1992.

Catalano PM, Tyzbir ED, Wolfe RR, Roman NM, Amini SB, Sims EAH: Longitudinal changes in basal hepatic glucose production and suppression during insulin infusion in normal pregnant women. *Am J Obstet Gynecol* 167:913-919, 1992.

Catalano PM, Tyzbir ED, Wolfe RR, Calles JE, Roman NM, Amini SB, Sims EAH: Carbohydrate metabolism during pregnancy in control subjects and women with gestational diabetes. *Am J Physiol* 264 (Endocrinol Metab 27):E60-67:1993.

Catalano PM, Roman NM, Tyzbir ED, Merritt AO, Driscoll P, Amini SB: Weight gain in women with gestational diabetes. *Obstet Gynecol* 81(4):523-528, 1993.

Catalano PM, Avallone DA, Drago NM, Amini SB: Reproducibility of the oral glucose tolerance test in pregnant women. *Am J Obstet Gynecol* 169:874-881, 1993.

Amini SB, **Catalano PM**, Hirsch V, Mann LI: An analysis of birthweight by gestational age: Using a computerized perinatal database 1975-1992. *Obstet Gynecol* 83:342-52, 1994.

Bernstein IM, **Catalano PM**: Examination of factors contributing to the risk of cesarean delivery in women with gestational diabetes. *Obstet Gynecol* 83:462-465, 1994.

Catalano PM: Carbohydrate metabolism and gestational diabetes. *Clin Obstet Gynecol* 37:25-38, 1994.

Krew MA, Kehl RJ, Thomas A, **Catalano PM**: Relationship of amniotic fluid C-peptide levels to neonatal body composition. *Obstet Gynecol* 84:96-100, 1994.

Amini SB, Dierker LJ, **Catalano PM**, Ashmead GG: Trends in an obstetric patient population: An 18 year study. *Am J Obstet Gynecol* 171:1014-1021, 1994.

Catalano PM, Wong WW, Drago NM, Amini SB: Estimating body composition in late gestation: A new hydration constant for body density and total body water. *Am J Physiol* 268 (Endocrinol Metab 31):E153-158, 1995.

Catalano PM, Drago NM, Amini SB: Factors affecting fetal growth and body composition. *Am J Obstet Gynecol* 172:1459-1463, 1995.

Catalano PM, Drago NM, Amini SB: Maternal carbohydrate metabolism and its relationship to fetal growth and body composition. *Am J Obstet Gynecol* 172:1464-1470, 1995.

Catalano PM, Thomas AJ, Avallone DA, Amini SB. Anthropometric estimation of neonatal body composition. *Am J Obstet Gynecol*, 173:1176-1181, 1995.

Buchanan TA, **Catalano PM**. The pathogenesis of GDM - Metabolic characterization. *Diabetes Reviews*, Vol. 3;4:584-601, 1995

- Amini SB, **Catalano PM**, Dierker L, Mann LI. Births to Teenagers: Trends and obstetric outcomes. *Obstet Gynecol*, 7:668-74, 1996
- Amini SB, **Catalano PM**, Mann LI. Effect of prenatal care on obstetrical outcomes. *J of Mat Fet Med*, 5:142-50, 1996
- Amini SB, **Catalano PM**, Mann LI. Births to unmarried mothers: Trends obstetrical outcomes. *Women's Health Issues*, 6:264-72, 1996
- Kehl RJ, Krew MA, Thomas A, **Catalano PM**. Fetal Growth and body composition in infants of women with diabetes mellitus. *J Mat Fet Med*, 5:273-80, 1996
- Levine RJ, Esterlitz JR, Raymond EG, De Simenian R, Hauth JC, Cevet LB, Sibai BM, **Catalano PM**, et al. The trial of calcium for preeclampsia prevention (CPEP); rationale, design and methods. *Controlled Clinical Trials*, 17:442-69, 1996
- Crane SS, **Catalano PM**, Avallone D, Thomas A. Sonographic estimation of fetal body composition in term women with gestational diabetes mellitus. *Obstet Gynecol*, 88:849-54, 1996
- Bernstein IM, Gerson MI, Amini SB, **Catalano PM**. Differential growth of fetal tissues during the second half of pregnancy. *Am J Obstet Gynecol*, 176:28-32, 1997
- Lindsay CA, Houston L, Amini SB, **Catalano PM**. Longitudinal changes in the relationship between body mass index and percent body fat in pregnancy. *Obstet Gynecol*, 89:377-82, 1997
- Levine RJ, Hauth JC, Curet B, Sibai BM, **Catalano PM**, Morris CD, et al. Trial of calcium to prevent preeclampsia. *NEJM*, 337:69-76, 1997
- Rajkovic A, **Catalano PM**, Malinow MR. Homocyst(e)ine levels are elevated in pregnant nulliparas with preeclampsia. *Obstet Gynecol*, 90:168-71, 1997
- Lindsay CA, Thomas AJ, **Catalano PM**. The effect of smoking tobacco on neonatal body composition. *Am J Obstet Gynecol*, 177:1124-8, 1997
- Sibai BM, Ewell M, Levine RJ, Klebanoff MA, Esterlitz J, **Catalano PM**, et al. Risk factors associated with subsequent preeclampsia in healthy nulliparous women. *Am J Obstet Gynecol*, 177:1003-10, 1997
- Catalano PM**, Drago NM, Amini SB. Longitudinal changes in pancreatic β -cell function and metabolic clearance rate of insulin in pregnant women with normal and abnormal glucose tolerance. *Diabetes Care*, 21:403-8, 1998
- Highman T, Friedman J, Huston L, Wong W, **Catalano P**. Longitudinal changes in maternal serum leptin concentrations, body composition and resting metabolic rate in pregnancy. *Am J Obstet Gynecol*, 178:1010-5, 1998
- Smigaj D, Roman-Drago NM, Amini SB, Caritis SN, Kalhan SC, **Catalano PM**. The effect of oral terbutaline on maternal glucose metabolism and energy expenditure in pregnancy. *Am J Obstet Gynecol*, 178:1041-7, 1998.
- Bernstein I, **Catalano PM**. Fetal body composition and ultrasonographic estimates of fetal weight. *Am J Obstet Gynecol*. 179(2):558, 1998.
- Catalano PM**, Thomas AJ, Huston LP, Fung CM. Effect of maternal metabolism on fetal growth and body composition. *Diabetes Care*, 21, Suppl 2:B85-90, 1998
- Catalano PM**, Roman-Drago NM, Amini SB, Sims EAH. Longitudinal changes in body composition and energy balance in lean women with normal and abnormal glucose tolerance during pregnancy. *Am J Obstet Gynecol*, 179:156-65, 1998

Uvena J, **Catalano PM**. Short-and long-term effects of gestational diabetes mellitus on the neonate. *Perinat Neonat Med*, 3:517-22, 1998.

Joffe GM, Esterlitz J, Levine RJ, Sibai BM, Clemens J, Ewell M, **Catalano PM**; for the Calcium for Preeclampsia Prevention (CPEP) Study Group. The relationship between abnormal glucose tolerance and hypertensive disorders of pregnancy in healthy nulliparous women. *Am J Obstet Gynecol*, 179:1032-7, 1998

Friedman JE, Ishizuka T, Huston LP, Highman T, Jianhua S, **Catalano PM**. Impaired glucose transport and insulin receptor tyrosine kinase phosphorylation in skeletal muscle from obese women with gestational diabetes mellitus. *Diabetes*, 48:1807-14, 1999

Catalano PM. Pregnancy and lactation in relation to range of acceptable carbohydrate and fat intake. *Eur J Clin Nutr*. 1999, Apr;53 Suppl 1:S124-31; discussion S131-5. Review.

Catalano PM, Huston L, Amini SB, Kalhan SC. Longitudinal changes in glucose metabolism during pregnancy in obese women with normal glucose tolerance and gestational diabetes mellitus. *Am J Obstet Gynecol*, 180: 903-16, 1999

Mills JL, DeSimonian R, Raymond E, Morrow JD, Roberts J, Clemens JD, Hauth JC, **Catalano PM**, Sibai B, Curet LB, Levine RJ. Prostacyclin and thromboxane changes antedating clinical onset of preeclampsia: A multicenter, prospective study. *JAMA*, 282:356-62, 1999.

Hauth JC, Ewell MG, Levine RJ, Esterlitz JR, Sibai B, Curet LB, **Catalano PM**, Morris CD. Outcomes in healthy nulliparas who subsequently developed hypertension. *Obstet Gynecol*, 95:24-28, 2000

Shao J, **Catalano PM**, Yamashita H, Huston L, Ruyter I, Smith S, Youngren J, Friedman JE. Decreased insulin receptor tyrosine kinase activity and plasma cell membrane glycoprotein-1 over expression in skeletal muscle from obese women with gestational diabetes mellitus (GDM): Evidence for increased serine/threonine phosphorylation in pregnancy and GDM. *Diabetes*, 49:603-10, 2000.

Levine RJ, Ewell MG, Hauth JC, Curet LB, **Catalano PM**, Morris CD, Choudhary G, Sibai BM. Should the definition of preeclampsia include a rise in diastolic blood pressure of ≥ 15 mm Hg to a level < 90 mm Hg in association with proteinuria? *Am J Obstet Gynecol*, 183(4):787-92, 2000.

Uvena-Celebrezze J, **Catalano PM**. The infant of the woman with gestational diabetes mellitus. *Clin Obstet Gynecol*, 43:127-39, 2000.

Huston-Presley L, Wong WW, Roman N, **Catalano PM**. Anthropometric estimation of maternal body composition in late gestation. *Obstet & Gynecol*, 96:33-7, 2000.

Shao J, **Catalano PM**, Yamashita H, Ishizuka T, Friedman J. Vanadate enhances but does not normalize glucose transport and insulin receptor phosphorylation in skeletal muscle from obese women with gestational diabetes. *Am J Obstet Gynecol*, 183:1263-70, 2000.

Morris CD, Jacobson S-L, Anand R, Ewell MG, Curet LB, **Catalano PM**, Sibai BM, Hauth JC, Levine RJ. Nutrient intake and hypertensive disorders of pregnancy: Evidence from a large prospective cohort. *Am J Obstet Gynecol*, 184:643-51, 2001.

Klebanoff MA, Levine RJ, Morris CD, Hauth JC, Sibai BM, Curet LB, **Catalano PM**, Wilkins DG. Accuracy of self-reported cigarette smoking among pregnant women in the 1990's. *Pediatr & Perinat Epidem*, 15:140-3, 2001.

Cohen GR, Curet LB, Levine RJ, Ewell MG, Morris CD, **Catalano PM**, Clokey D, Klebanoff MA. Ethnicity, nutrition and birth outcomes in nulliparous women. *Am J Obstet Gynecol*, 185:660-7, 2001.

- Kirwan JP, Huston-Presley L, Kalhan S, **Catalano PM**. Clinically useful estimates of insulin sensitivity in pregnancy. Validation studies in women with normal glucose tolerance and gestational diabetes. *Diabetes Care*, 24:1584-89, 2001.
- Rohl J, Huston-Presley L, Amini SB, Stepanchak W, **Catalano PM**. Factors affecting fetal growth and body composition as measured by ultrasound. *Am J Obstet Gynecol*, 185:1416-20, 2001.
- Catalano PM**, Nizielski SE, Shao J, Presley L, Qiao L, Friedman JE. Downregulated IRS-1 and PPAR γ in obese women with gestational diabetes: Relationship to free fatty acids during pregnancy. *Am J Physiology (Endocrine Metab)*;282:E522-33, 2002.
- England LJ, Levine RJ, Qian C, Morris CD, Sibai BM, **Catalano PM**, Curet LB, Klebanoff MA. Smoking before pregnancy and risk of gestational hypertension and preeclampsia. *Am J Obstet Gynecol*, 185:1035-40, 2002.
- Hashimoto K, Wong WW, Thomas AJ, Uvena-Celebrezze J, Huston-Presley L, Amini SB, **Catalano PM**. Total body water in the estimation of neonatal body composition at birth. *Biology of the Neonate*;81(3):170-5, 2002.
- HAPO Study Cooperative Research Group. Special Communication: The hyperglycemia and adverse pregnancy outcome (HAPO) study. *Int J of Gyn & Obs*, 78:69-77, 2002.
- Kirwan JP, Hauguel-de Mouzon S, Lepercq J, Challier JC, Huston-Presley L, Friedman JE, Kalhan SC, **Catalano PM**. TNF α is a predictor of insulin resistance in human pregnancy. *Diabetes*, 51:2207-13, 2002.
- Catalano PM**, Kirwan JP. Clinical utility and approaches for estimating insulin sensitivity in pregnancy. *Seminar in Perinatol*, 26:181-9, 2002.
- Stehman-Breen CO, Levine RJ, Qian C, Morris CD, **Catalano PM**, Curet LP, Sibai BM. Increased risk of preeclampsia among nulliparous pregnant women with idiopathic hematuria. *Am J Obstet Gynecol*, 187:703-8, 2002.
- Stetzer B, Thomas A, Amini SB, **Catalano PM**. Neonatal anthropometric measurements to predict birth weight by ultrasound. *J Perinatol*, 22:397-402, 2002.
- Lepercq J, Hauguel-De Mouzon S, Timsit J, **Catalano PM**. Fetal macrosomia and maternal weight gain during pregnancy. *Diabetes Metab*, 28:323-8, 2002.
- Okereke NC, Uvena-Celebrezze J, Huston-Presley L, Amini SB, **Catalano PM**. The affect of gender and gestational diabetes mellitus on cord leptin concentration. *Am J Obstet & Gynecol*, 187:798-803, 2002.
- Uvena-Celebrezze J, Fung C, Thomas AJ, Hoty A, Huston-Presley L, Amini SB, **Catalano PM**. Relationship of neonatal body composition to maternal glucose control in women with gestational diabetes mellitus. *J Mat-Fet and Neonat Med*, 12:396-401, 2002.
- Catalano PM**, Kirwan JP, Haugel-de Mouzon S, King J. Gestational diabetes and Insulin Resistance: Its role in the Short and Long Term Implications for Mother and Fetus. *Am J Clin Nutr*, 133:1674S-1683S, 2003.
- Ehrenberg HM, Mercer BM, **Catalano PM**, Fiskus JR. Pregnancy in a spinal cord-injured bilateral total leg amputee: Management and considerations. *Am J Obstet Gynecol*, 188:1096-9, 2003.
- Ehrenberg H, Houston-Presley L, **Catalano PM**. The influence of obesity and gestational diabetes on accretion and distribution of adipose tissue in pregnancy. *Am J Obstet & Gynecol*, 189(4) 944-8, 2003.
- Radaelli T, Varastehpour A, **Catalano PM**, Haugel-de Mouzon S. Increased inflammatory status in human pregnancy with GDM: Crucial role of placental genes. *Diabetes*, 52:2951-8, 2003.
- Catalano PM**, Thomas A, Huston-Presley L, Amini SB. Increased fetal adiposity: A very sensitive marker of

abnormal in-utero development. *Am J Obstet & Gynecol*, 189:1698-704, 2003

Durnwald C, Huston-Presley L, Amini S, **Catalano P**. Evaluation of body composition of large for gestational age infants of women with gestational diabetes compared with women with normal glucose tolerance. *Am J Obstet Gynecol*, 2004 (In Press).

Okereke N, Huston-Presley L, Amini SB, Kalhan S, **Catalano PM**. Longitudinal changes in energy expenditure and body composition in obese women with normal and impaired glucose tolerance. *Am J Physiol: Endocrin & Metab*, 2004 (In Press)

England LJ, Levine RJ, Qian C, Soule LM, Schisterman EF, Yu KF, **Catalano PM**. Glucose tolerance and risk of gestational diabetes in nulliparous women who smoke during pregnancy. *J of Epidemiology*, 2004 (In Press)

Ehrenberg HM, Durnwald CP, **Catalano PM**, Mercer BM. The influence of obesity and diabetes on route of delivery. *AJOG*, 2004 (In press)

Ehrenberg HM, Mercer BM, **Catalano PM**. The influence of obesity and diabetes on neonatal macrosomia. *AJOG*, 2004 (In press)

Radaelli T, Uvena-Celebrezze J, Thomas A, Minium J, Hauguel-de Mouzon S, **Catalano PM**. Inflammatory Cytokines are Mediators of Fetal Growth and Adiposity. *Am J Obstet & Gynecol*, 2004 (Submitted).

BOOK CHAPTERS, EDITORIALS/OTHER:

Mead PB, **Catalano PM**: Management of the patient with premature rupture of the membranes. In: Controversy in Obstetrics and Gynecology (F.P. Zuspan and C.D. Christian, eds.), Philadelphia: W. B. Saunders, Co., p 107, 1983.

Clapp JF, Peress NS, **Catalano PM**, Mann LI: Fetal heart rate patterns in experimental intrauterine growth retardation. In: Fetal Heart Rate Monitoring, (W. Kunzel, ed.), Heidelberg: Springer-Verlag, pp. 212-222, 1985.

Hoet JJ, Reusens-Billen B, **Catalano PM**: Immunological Aspects of Diabetic Pregnancies, in Immunological Obstetrics (C.B. Coulam, W.P. Faulk, J.A. McIntire, eds), New York: Norton Medical Books, pp. 517-528, 1992.

Catalano PM: Carbohydrate metabolism and body composition changes in pregnancy. In: Metabolism in the Female Life Cycle (Diamond, M.P. and F. Natfolin, eds.). *Frontiers in Endocrinology* 1: 257-268, 1993.

Catalano PM, Landon MB, Gabbe SG: Diabetes Mellitus. In Reproductive Endocrinology, Surgery and Technology. (E.Y. Adashi, J.A. Rock, Z. Rosenwaks, eds.) Chap. 88, 1709-29.

Gabbe SG, **Catalano PM**, Landon MB: Diabetes in Pregnancy. *American College of Obstetrics and Gynecology Update*. Vol. 20. Issue 4, 1994.

Catalano PM: Diabetes in Pregnancy. In Diabetes Mellitus. (RM Cowett, ed.) 35th Nestle Nutrition Workshop Series. Vol 35, p 119-134, 1995

Catalano PM, Ishizuka T, Friedman JE: Glucose Metabolism in Pregnancy. In: Principles of Perinatal-Neonatal Metabolism. (Cowett, RM, ed.), Springer-Verlag, New York, NY, p 183-206, 1998

Sims EAH, **Catalano PM**. Response to the expert committee on the diagnosis and classification of diabetes mellitus. *Diabetes Care* 21:467, 1998

Catalano PM. Commentary on selective screening for gestational diabetes mellitus. *1999 Year Book of Neonatal and Perinatal Medicine*, Mosby, p 54-56, 1999

Uvena-Celebrezze J, **Catalano PM**. The Infant of the woman with gestational diabetes mellitus. In: Clinical Obstetrics and Gynecology, Ed., Catalano PM, Lippincott Williams and Wilkins, Philadelphia, PA, p 127-39, 2000.

Catalano PM. Editor, Diabetes and Pregnancy. In: Clinical Obstetrics and Gynecology, Lippincott Williams and Wilkins, Philadelphia, PA, 2000.

Catalano PM, Kirwan JP. Maternal factors that determine neonatal size and body fat. In: Current Diabetes Reports, Current Science Inc., Philadelphia, PA, Section Ed. Jovanovic, p 71-77, August, 2001.

Landon MB, **Catalano PM**, Gabbe SG. Diabetes Mellitus. In: Obstetrics: Normal and Problem Pregnancies Fourth Edition, Eds. Gabbe SG, Niebyl JR and Simpson JL, Churchill Livingstone, New York, NY, p 1081-1116, 2001.

Catalano PM, Kirwan JP. Maternal factors that determine neonatal size and body fat. Current Diabetes Reports, Vol. 1, Number 1, p 71-77, 2001.

Catalano PM, Cowett R. The "Diabetogenic State" that is maternal metabolism in pregnancy and its accentuation by diabetes mellitus. NeoReviews Internet Magazine at www.neoreviews.aapjournals.org, 2002

Catalano PM. Maternal Metabolic Adaptation to Normal Pregnancy. Textbook of Diabetes and Pregnancy, Edited by Hod, Jovanovic, Di Renzo, De Leiva, and Langer. P. 50-63, 2003.

Catalano PM. Obesity and Pregnancy: The Propagation of a Viscous Cycle? Editorial on: C-Reactive protein and gestational diabetes: The central role of maternal obesity by Retnakaran R, Hanley AJG, Raif N, Connelly P, Sermer, Zinman B. In: J of Endocrin and Metab, 88(8); 3505-6, 2003.

Catalano PM, Buchanan T. Metabolic Changes During Normal and Diabetic Pregnancies. In: Diabetes Mellitus in Women, Eds. Reece EA, Coustan D, Gabbe S. PP. 129-47, 2004.

ABSTRACTS:

Bernstein IM, **Catalano PM**, Sims EAH: Evidence for heterogeneity in the diabetogenic mechanisms of gestational diabetes. Presented at the New England Regional Perinatal Society, March 6, 1983.

Catalano PM, Ashikaga T, Mann LI: Serial uterine activity testing and cervical change as a predictor of premature labor. Presented at the Annual Meeting of the Society for Gynecologic Investigation, Washington, D.C., March 17-20, 1983.

Catalano PM, Ashikaga T, Mann LI: Serial uterine activity testing (UAT) and cervical change as a predictor of premature labor. Presented at the New England Perinatal Society Annual Meeting, Waterville Valley, NH, March 4-6, 1983.

Clapp JF, **Catalano PM**, Mann LI: Fetal heart rate patterns in intrauterine growth retardation (IUGR). Presented at the New England Conference on Perinatal Research, Chatham, MA, October 3, 1983.

Catalano PM, Allen SR, Hooley C, Ashmead GG: Anthropometric evaluation of the full-term neonate in northern Vermont. Presented at the New England Perinatal Society Annual Meeting, March 10-11, 1984.

Clapp JF, McLaughlin MK, Gellis J, Hemphill C, **Catalano PM**: Regional distribution of cerebral blood flow (rdCBF) in experimental intrauterine growth retardation (IUGR). Presented at the meeting of the Society for Gynecologic Investigation, March 21-24, 1984.

Catalano PM, Bernstein IM, Wolfe RR, Robbins DC, Sims EAH, Mann LI: Impairment of carbohydrate

metabolism in patients who have had gestational diabetes. Presented at the Annual Meeting of the Society for Gynecologic Investigation, March 21-24, 1984.

McBean JH, **Catalano PM**, Allen SR: The relative contribution of lean body mass and body fat to total body weight in a normal term neonatal population. Presented at the New England Perinatal Society, Woodstock, VT, March 9, 1985.

Catalano PM, McBean JH, Allen SR: Differences in the anthropometric evaluation of large for gestational age (LGA) neonates at term. Presented at the Society for Gynecologic Investigation, Phoenix, AZ, March 20-23, 1985.

Catalano PM, Cornell C: The incidence of large for gestational age (LGA) neonates in gestational diabetes: importance of normative neonatal data. Society for Gynecologic Investigation, Phoenix, AZ, March 20-23, 1985.

Catalano PM, Bernstein IM, Wolfe RR, Srikanta S, Sims EAH: Subclinical abnormalities of glucose metabolism in former gestational diabetic subjects. 23rd Annual Meeting of the Society for Gynecologic Investigation, Toronto, Ontario, March 19-22, 1986.

Gibson M, **Catalano PM**, Brumstead JR, Auletta FJ: Effect of hyperinsulinemic-euglycemic clamp on peripheral steroid levels in normal women. Presented at the meeting of the Society for Gynecologic Investigation, March 19-22, 1986.

Catalano PM, Friedman B, McBean JH, Allen SR, McLaughlin MK: Anthropometric evaluation of in utero growth in neonates of diabetic and nondiabetic women. Presented at the 6th Annual Meeting of the Society of Perinatal Obstetricians, San Antonio, TX, January 30 - February 1, 1986.

Catalano PM, Tyzbir E, Sims EAH: Insulin clearance in pregnancy. New England Conference on Perinatal Research. Chatham, MA, October 5-7, 1986.

Catalano PM, Tyzbir E, Friedman B, McBean JH, Allen SR: Is neonatal total body weight sufficient to explain the affects of altered metabolic environment on fetal growth? Society of Perinatal Obstetricians Annual Meeting, Las Vegas, NV, February 3-6, 1988.

Catalano PM, Tyzbir E, Sims EAH: Changes in resting metabolic rate (RMR) and insulin resistance in early pregnancy. Society for Gynecologic Investigation Annual Meeting, Baltimore, MD, March 17-20, 1988.

Schofield MJ, Dion S, R.W. Larrow, **Catalano PM**, F.J. Auletta: Metabolism of C-21 steroids by dispersed ovine placental cells in vitro. 8th International Congress of Endocrinology, Kyoto, Japan, July 17-23, 1988.

Catalano PM, Tyzbir E, Sims EAH: Changes in weight and body composition in early pregnancy. New England Conference on Perinatal Research. Chatham, MA, October 7-9, 1988.

Catalano PM, Tyzbir ED, Sims EAH: The relationship between maternal body composition changes and maternal metabolism in early pregnancy. Society of Perinatal Obstetricians Annual Meeting, New Orleans, LA, January 31 - February 4, 1989.

Bernstein IM, **Catalano PM**: Sonographic estimation of fetal body composition in diabetic pregnancy. Society of Perinatal Obstetricians Annual Meeting, New Orleans, LA, January 31 - February 4, 1989.

Catalano PM, Tyzbir ED, Sims EAH: Increase in insulin response and insulin resistance in normal pregnant women. Society for Gynecologic Investigation Annual Meeting, San Diego, CA, March 15-18, 1989.

Detzer MJ, Leitenberg H, Poehlman E, Rosen JC, Hiser J, Wolf J, **Catalano PM**, Tyzbir ED: Resting metabolic rate in bulimia nervosa. Twenty-third Annual Meeting of the Association for the Advancement of Behavior Therapy, Washington, D.C., November 2-5, 1989.

Catalano PM, Tyzbir ED, Sims EAH: Islet cell antibodies: Incidence and significance in women with previous gestational diabetes mellitus. Tenth Annual Meeting of the Society of Perinatal Obstetricians, Houston, TX, January 23-27, 1990.

Catalano PM, Tyzbir ED, Nakajima ST, Chapitis J, McAuliffe T, Sims EAH: Longitudinal changes in insulin sensitivity: Relationship to pregravid insulin sensitivity and alterations in hormone concentrations during gestation. Thirty-seventh Annual Scientific Meeting of the Society for Gynecologic Investigation, St. Louis, MO, March 21-24, 1990.

Catalano PM, Tyzbir ED, Sims EAH: Prospective evaluation of carbohydrate metabolism in non obese control subjects and women with gestational diabetes. Fiftieth Annual Meeting of the American Diabetes Association, Atlanta, GA, June 16-19, 1990.

Vargo KM, Amini S, Bernstein IM, **Catalano PM**: Incidence and risk factors associated with abnormal postpartum glucose tolerance in women with gestational diabetes. Eleventh Annual Meeting of the Society of Perinatal Obstetricians, San Francisco, CA, January 28-February 2, 1991.

Bernstein IM, **Catalano PM**: Overestimation of fetal weight by ultrasound: A physiologic explanation. Thirty-eighth Annual Meeting of the Society for Gynecologic Investigation, San Antonio, TX, March 20-23, 1991.

Catalano PM, Tyzbir E, Calles J, Amini S: Longitudinal changes in body composition and energy expenditure in normal non-obese women. Thirty-eighth Annual Meeting of the Society for Gynecologic Investigation, San Antonio, TX, March 20-23, 1991.

Kehl RJ, **Catalano PM**, Krew MA, Amini S, Thomas A, Mann LI: Ultrasound Predictors of fetal macrosomia and body composition in infants of diabetic mothers. Society of Perinatal Obstetrics, San Antonio, TX, February 3-8, 1992.

Catalano PM, Wolfe RR, Tyzbir ED, Roman NM, Amini S, Sims EAH. Longitudinal changes in basal hepatic glucose production and suppression during insulin infusion in normal pregnant women. Society of Perinatal Obstetricians, San Antonio, TX, February 3-8, 1992.

Krew MA, **Catalano PM**, Kehl RJ, Thomas A. Relationship of amniotic fluid c-peptide levels to neonatal body composition. Society of Perinatal Obstetricians, San Antonio, TX, February 3-8, 1992.

Wong WW, Roman NM, **Catalano PM**: Energy cost of pregnancy: New hydration constant for estimation of body fat during gestation. Society for Gynecologic Investigation, San Antonio, Texas, March 18-21, 1992.

Catalano PM, Tyzbir ED, Wolfe RR, Calles J, Roman NM, Amini SB, Sims EAH: Longitudinal changes in carbohydrate metabolism in pregnant control subjects and women with gestational diabetes. Society for Gynecologic Investigation. San Antonio, Texas, March 18-21, 1992.

Thomas AJ, Roman NM, Avallone DA, Harcar RA, **Catalano PM**: The estimation of body composition in normal neonates using anthropometry and total body electrical conductivity. American Dietetic Association, 1992

Catalano PM, Roman N, Tyzbir E, Merritt A, Driscoll P, Amini S: Weight gain in women with gestational diabetes. Society of Perinatal Obstetricians, San Francisco, CA, February 8-13, 1993.

Catalano PM, Avallone D, Roman N, Amini S: Reproducibility of the oral glucose tolerance test (OGTT) in pregnant women. Society of Perinatal Obstetricians, San Francisco, CA, February 8-13, 1993.

Bernstein IM, **Catalano PM**: Neonatal fat is associated with risk for cesarean section in infants of mothers with gestational diabetes. Society of Perinatal Obstetricians, San Francisco, CA, February 8-13, 1993.

Bernstein IM, **Catalano P**: Estimates of fat improve the prediction of birthweight. Society of Perinatal

Obstetricians, San Francisco, CA, February 8-13, 1993.

Catalano PM, Calles J, Roman NM, Tyzbir ED, Amini SB, Wolfe RR, Sims EAH: Longitudinal changes in body composition, energy expenditure and route of glucose disposal in pregnant control subjects and women with gestational diabetes. Society for Gynecologic Investigation, Toronto, Canada, March 31 - April 3, 1993.

Catalano PM, Calles J, Mead P, Roman NM, Sims EAH: Pancreatic Beta cell secretion and metabolic clearance rate of insulin in pregnant control subjects and women with gestational diabetes. Society for Gynecologic Investigation, Toronto, Canada, March 31 - April 3, 1993.

Wong WW, Roman NM, Thomas A, **Catalano PM**: The relationship of late gestation maternal body fat and lipid profile to infant birth weight and adiposity. Society for Gynecologic Investigation, Toronto, Canada, March 31 - April 3, 1993.

Amini S, Dierker L, **Catalano P**, G. Ashmead, Mann LI: Trends in obstetric patient population: an 18 year study. Society of Perinatal Obstetricians, Las Vegas, NV, January 24-29, 1994.

Catalano PM, Thomas A, Drago NM, Amini SB. Body composition and fat distribution in infants of women with normal and abnormal glucose tolerance. Society of Perinatal Obstetricians, Las Vegas, NV, January 24-29, 1994.

Catalano P, Drago N, Amini S: Factors affecting fetal growth and body composition. Society of Perinatal Obstetricians, Las Vegas, NV, January 24-29, 1994.

Catalano PM, Wong WW, Drago NM, Amini SB: Estimation of body composition in late pregnancy: A new hydration constant for use with body density and total body water measurements. Society for Gynecologic Investigation 41st Annual Scientific Meeting, Chicago, IL, March 22-25, 1994.

Catalano P, Drago N, Tyzbir E, Calles J, Sims E: The effect of advancing gestation on dietary induced thermogenesis. Society for Gynecologic Investigation 41st Annual Scientific Meeting, Chicago, IL, March 22-25, 1994.

Drago NM, Wong WW, **Catalano PM**: Longitudinal changes in maternal skinfolds in the last 10 weeks of gestation. Society for Gynecologic Investigation 41st Annual Scientific Meeting, Chicago, IL, March 22-25, 1994.

Crane SS, Lafollette L, Miller T, Moore JJ, **Catalano PM**. The affect of diabetes mellitus and gestational age on interpretation of lecithin to sphingomyelin ratio (L:S) and phosphatidylglycerol (PG) for fetal lung maturity. Am Coll Obstet Gynecol 1994 Annual Clinical Meeting, Orlando, FL.

Thomas A, Avallone D, Amini S, **Catalano P**. Anthropometric estimation of neonatal body composition. Society of Perinatal Obstetricians, Atlanta, GA, January 23-28, 1995.

Catalano P, Avallone D, Hirsch V, Martin L, Amini S. The effect of self-monitoring of blood glucose on perinatal mortality in women with gestational diabetes. Society of Perinatal Obstetricians, Atlanta, GA, January 23-28, 1995.

Amini S, **Catalano P**, Mann L. Effect of prenatal care on obstetrical outcomes. Society of Perinatal Obstetricians, Atlanta, GA, January 23-28, 1995.

Amini S, **Catalano P**, Dierker L, Mann L. Teen Births: Trends and obstetrical outcomes. Society of Perinatal Obstetricians, Atlanta, GA, January 23-28, 1995.

Drago N, Wong W, Amini S, **Catalano P**. Anthropometric estimation of maternal body composition in late gestation. Society for Gynecologic Investigation, Chicago, IL, March 15-18, 1995.

Bernstein IM, Goran M, Amini S, **Catalano P**. Differential growth of fetal tissues in late gestation. Society for

Gynecologic Investigation, Chicago, IL, March 15-18, 1995.

Crane SS, Thomas AJ, Avallone DA, **Catalano PM**. Ultrasound estimation of fetal body composition in term women with gestational diabetes. Am Coll Obstet Gynecol 1995 Annual Clinical Meeting, San Francisco, CA.

Amini S, **Catalano P**. Do unmarried mothers have worse obstetrical outcomes? Ohio Department of Health "Toward the Year 2000: Improving Women's Health in Ohio" Conference, Columbus, OH, September 21-23, 1995.

Catalano P, Drago N, Highman T, Huston L, Kalhan S. Longitudinal changes in amnio acid insulin sensitivity during pregnancy. Society for Gynecologic Investigation, Philadelphia, PA, March 20-23, 1996.

Smigaj D, Drago N, Sultzman C, Amini S, Caritas S, Kalhan S, **Catalano P**. The effect of oral terbutaline on maternal glucose metabolism and energy expenditure in pregnancy. Society for Gynecologic Investigation. Philadelphia, PA, March 20-23, 1996.

Emery S, **Catalano P**. Assessment of carbohydrate metabolism during pregnancy: relationship between various methods. Society for Gynecologic Investigation Symposia. Philadelphia, PA, March 20-23, 1996.

Friedman JE, Ishizuka T, Huston L, **Catalano P**. Altered expression of insulin signaling intermediates in human skeletal muscle. American Diabetes Association Annual Scientific Meeting, San Francisco, CA, June 8-11, 1996.

Catalano P, Highman T, Huston L, Friedman J. Relationship between reproductive hormones/tumor necrosis factor α and longitudinal changes in insulin sensitivity during gestation. American Diabetes Association Scientific Meeting, San Francisco, CA, June 8-11, 1996.

Catalano P, Sibai BM, Clemens J, Joffe GM, Esterlitz J, Ewell M, Levine RJ. The relationship between abnormal glucose tolerance and hypertensive disorders of pregnancy in healthy nulliparous women. Society of Perinatal Obstetricians Meeting. Anaheim, CA, January 20-25, 1997.

Lindsay C, Thomas A, **Catalano P**. The effect of smoking tobacco on neonatal body composition. Society of Perinatal Obstetricians Meeting. Anaheim, CA, January 20-25, 1997.

Sibai BM, Goldenberg RL, **Catalano PM**, Ewell M, Klebanoff MA, Bild D, Joffe G, Levine RJ. Risk factors for preeclampsia in healthy nulliparous women. Society of Perinatal Obstetricians Meeting. Anaheim, CA, January 20-25, 1997.

Levine RJ, CPEP Study Group. Calcium for preeclampsia prevention (CPEP): A double-blind, placebo-controlled trial in healthy nulliparous women. Society of Perinatal Obstetricians Meeting. Anaheim, CA, January 20-25, 1997.

Catalano P, Petrusis A, Barabach L, Amini S. Insulin resistance in nulliparous women developing preeclampsia. Society for Gynecologic Investigation, San Diego, CA, March 19-22, 1997.

Rajkovic A, **Catalano PM**, Malinow MR. Homocyst(e)ine levels are elevated in pregnant nulliparous women with preeclampsia. Society for Gynecologic Investigation, San Diego, CA, March 19-22, 1997.

Little KD, **Catalano PM**, Eberle K, Olariu N. Effect of calcium supplementation during pregnancy on maternal bone density following delivery. American College of Sports Medicine, Cincinnati, OH, May 29-June 1, 1997.

Highman T, Huston L, Wong W, Friedman J, **Catalano P**. Longitudinal changes in basal maternal serum leptin concentrations, body composition and resting metabolic rate in pregnancy. American Diabetes Association, Boston, MA, June 21-24, 1997.

Friedman JE, Ishizuka T, Liu S, **Catalano P**. Mechanisms of cellular insulin resistance in human pregnancy. American Diabetes Association, Boston, MA, June 21-24, 1997.

- Fung C, Uvena J, Thomas A, **Catalano P**. Relationship of neonatal body composition to maternal glucose control during pregnancy. Society of Perinatal Obstetricians. Miami Beach, FL, February 2-7, 1998.
- Amini S, Ashmead J, **Catalano P**. The incidence and maternal factors correlating with umbilical cord complications. Society of Perinatal Obstetricians. Miami Beach, FL, February 2-7, 1998.
- Catalano PM**, Wong WW, Huston L. Relationship between energy expenditure, fat accretion and insulin sensitivity during human pregnancy. Society for Gynecologic Investigation, Atlanta, GA, March 11-14, 1998.
- Catalano PM**, Huston L, Amini SB, Kalhan SC. Longitudinal changes in glucose metabolism during pregnancy in obese women with normal glucose tolerance and gestational diabetes mellitus. American Gynecological and Obstetrical Society, Hot Springs, VA, September 3-5, 1998.
- Catalano PM**, Huston L, Kalhan SC. Longitudinal changes in amino acid insulin sensitivity during pregnancy. Society for Maternal-Fetal Medicine, San Francisco, CA, January 18-23, 1999.
- Uvena J, Thomas A, Huston L, Highman T, **Catalano PM**. Umbilical cord leptin and neonatal body composition. Society for Maternal-Fetal Medicine, San Francisco, CA, January 18-23, 1999.
- Catalano PM**, Huston L, Hoty A, Highman T. Longitudinal changes in maternal free fatty acid metabolism and relationship to fetal body composition. Society for Gynecologic Investigation, Atlanta, GA, March 10-13, 1999.
- Catalano PM**, Huston L, Hoty A, Highman T. Longitudinal changes in maternal free fatty acid metabolism and relationship to fetal body composition. Diabetes in Pregnancy Study Group-West, Monterey Bay, CA, April 22-25, 1999.
- Thomas A, **Catalano PM**. Follow up body composition and fasting insulin concentrations in infants of women with normal glucose tolerance and gestational diabetes. Diabetes in Pregnancy Study Group of North America, Cincinnati, OH, May 8-9, 1999.
- Shao J, **Catalano PM**, Huston L, Smith S, Ruyter I, Youngren JF, Friedman JE. Impaired insulin receptor tyrosine kinase activity and over expression of PC-1 in skeletal muscle from obese women with gestational diabetes mellitus. American Diabetes Association, San Diego, CA, June 26-29, 1999.
- Catalano PM**, Huston-Presley L, Ishizuka T, Liu S, Friedman J. Mechanisms of cellular insulin resistance in adipocytes during late human pregnancy. Society for Maternal-Fetal Medicine, Miami Beach, FL, January 31-February 5, 2000
- Hashimoto K, Wong WW, Thomas A, Uvena-Celebrezze J, Huston-Presley L, Amini S, **Catalano PM**. Total body water in the estimation of neonatal body composition at birth. Society for Maternal-Fetal Medicine, Miami Beach, FL, January 31-February 5, 2000
- Friedman JE, Shao J, Ishizuka T, **Catalano PM**. Physiological and molecular alterations in insulin signaling in skeletal muscle during pregnancy and gestational diabetes. Keystone Meetings on Diabetes and Obesity, Taos, NM, February 17-21, 2000.
- Uvena J, Thomas A, Huston-Presley L, **Catalano P**. Growth factors and neonatal body composition. 47th Annual Society for Gynecologic Investigation, Chicago, IL, March 21-25, 2000.
- Uvena-Celebrezze J, Thomas A, Huston-Presley L, Amini S, **Catalano P**. Genetic and environmental factors related to fetal growth and body composition. Diabetes in Pregnancy Special Interest Group-West, Santa Barbara, CA, April 27-30, 2000.
- Kirwan J, **Catalano PM**, Kalhan S, Huston-Presley L. Estimate of insulin sensitivity from oral glucose tolerance

tests during human pregnancy. American Diabetes Association 60th Scientific Sessions. San Antonio, TX, June 9-13, 2000.

Lepercq J, Haugel-de Mouzon S, **Catalano P**. Corrected maternal weight gain during pregnancy is not associated with fetal macrosomia. Society of Maternal-Fetal Medicine 21st Annual Meeting. Reno, NV, February 5-10, 2001.

Hashimoto K, Clapp J, **Catalano P**. Ultrasound evaluation of fetal cerebellar development. Society of Maternal-Fetal Medicine 21st Annual Meeting. Reno, NV, February 5-10, 2001.

Stetzer B, Thomas A, Amini S, **Catalano P**. The use of neonatal anthropometric measurements to predict birthweight by ultrasound. Society of Maternal-Fetal Medicine 21st Annual Meeting. Reno, NV, February 5-10, 2001.

Okereke N, Huston-Presley L, Amini S, **Catalano P**. The affect of diabetes and gender on cord blood leptin concentration. Society of Gynecologic Investigation, 2001 Annual Meeting, Toronto, Ontario, Canada, March 14-17, 2001.

Catalano PM, Thomas A, Presley L, Johnson C, Kirwan JP. Long term risk of obesity in infants of women with GDM. Society of Gynecologic Investigation, 2001 Annual Meeting, Toronto, Ontario, Canada, March 14-17, 2001.

Okerke NCJ, Huston-Presley L, Amini SB, **Catalano PM**. Gender differences in cord blood leptin concentration. Diabetes in Pregnancy Study Group - West 2001, Stevenson, Washington, May 10-13, 2001.

Shao J, Qiao L, **Catalano PM**, Draznin B, Friedman JE. Impaired IRS-1 associated PI 3-Kinase activity with increased Akt and PKC ζ activity in skeletal muscle from gestational diabetic C57BL/KsJ-^{db/+} mice and humans. American Diabetes Association 61st Scientific Session, Philadelphia, PA, June 22-26, 2001.

Trimble ER for the HAPO Cooperative Research Group. Hyperglycemia and adverse pregnancy outcome (HAPO) study: Achieving uniformity for plasma glucose measurements. American Diabetes Association 61st Scientific Session, Philadelphia, PA, June 22-26, 2001.

Catalano PM, Thomas A, Presley L, Johnson C, Kirwan JP. Long term risk of obesity in infants of women with GDM. Diabetes in Pregnancy Study Group - Europe 2001 Annual Meeting in Oxford, England, September 13-16, 2001.

Levine R, Hauth J, Sibai B, **Catalano PM**, Curet B, Morris C. C-reactive protein not elevated in preeclamptic pregnancy at 9-20 weeks: The inflammation hypothesis fails a test. Society for Maternal Fetal Medicine 22nd Annual Meeting, New Orleans, LA, January 14-19, 2002, Oral Presentation.

Stetzer B, Thomas A, Amini S, **Catalano P**. Ultrasound estimation of fetal weight using a new birth weight prediction model. Society for Maternal Fetal Medicine 22nd Annual Meeting, New Orleans, LA, January 14-19, 2002

Durnwald C, Huston-Presley L, **Catalano P**. Is there a difference in body composition of large for gestational age infants of gestational diabetics versus controls? Society for Maternal Fetal Medicine 22nd Annual Meeting, New Orleans, LA, January 14-19, 2002.

Kemper I, Buhling K, Henrich W, **Catalano P**, Brauer M, Dudenhausen JW. Differences between sonographic estimated fetal subcutaneous tissue and mechanical measured fetal skinfold ratios in diabetic and non-diabetic pregnancies. Society for Maternal Fetal Medicine 22nd Annual Meeting, New Orleans, LA, January 14-19, 2002.

Okereke N, Huston-Presley L, **Catalano P**. Longitudinal changes in energy expenditure and body composition in obese women with gestational diabetes mellitus (GDM) and normal glucose tolerance (NGT). Society for Gynecologic Investigation 49th Annual Scientific Meeting, Los Angeles, CA, March 20-23, 2002.

Catalano PM, Haugel-de Mouzon S, Leqercq J, Challier J-C, Huston-Presley L, Friedman J, Kalhan S, Kirwan JP.

Hormonal factors related to insulin resistance in pregnancy. Diabetes in Pregnancy Study Group West Meeting, Santa Fe, NM, April 18-21, 2002.

Kirwan JP, Jing M, Varastehpour A, Shao J, Friedman JE, **Catalano PM**. Molecular mechanisms of insulin action in human skeletal muscle during late pregnancy and post partum. Diabetes in Pregnancy Study Group West Meeting, Santa Fe, NM, April 18-21, 2002.

Sacks DA, **Catalano PM**, Wolde-Tsadik G. What proportion of birth weight is attributable to maternal glucose in diabetes in pregnancy?: A proposal. Diabetes in Pregnancy Study Group West Meeting, Santa Fe, NM, April 18-21, 2002.

Radaelli T, Haugel-de Mouzon S, Huston-Presley L, **Catalano PM**. Higher placental weight correlates with increased neonatal adiposity in insulin but not diet-treated gestational diabetes mellitus. Diabetes in Pregnancy Study Group West Meeting, Santa Fe, NM, April 18-21, 2002.

Groh-Wargo S, Moore JJ, Thomas A, **Catalano P**, O'Connor DL, Lerner E. DEXA vs TOBEC: Measurement of body composition in preterm (PT) infants. Pediatric Academic Societies' Meeting, Baltimore, MD, May 4-7. 2002.

Groh-Wargo S, Moore JJ, Thomas A, **Catalano P**, O'Connor DL, Lerner E. Docosahexaenoic Acid (DHA) and Arachidonic Acid (AA) Supplementation does not change body composition in preterm (PT) infants. Pediatric Academic Societies' Meeting, Baltimore, MD, May 4-7. 2002.

Groh-Wargo S, Moore JJ, Thomas A, **Catalano P**, O'Connor DL, Lerner E. Feeding enriched formulas to preterm (PT) infants results in normalized fat mass (FM) and bone mineral content (BMC), but not fat free mass (FFM), at one year corrected age (CA). Pediatric Academic Societies' Meeting, Baltimore, MD, May 4-7. 2002.

Kirwan JP, Ming J, Hauguel-de Mouzon S, Friedman JE, **Catalano PM**. Increased TNF-alpha mRNA expression in human skeletal muscle during late pregnancy. American Diabetes Association Annual Meeting, San Francisco, CA, June 14-18, 2002.

Kirwan JP, Ming J, Varastehpour A, Shao J, Friedman JE, **Catalano PM**. Return of insulin sensitivity postpartum is characterized by increased insulin receptor content and improved receptor activation in human skeletal muscle. American Diabetes Association Annual Meeting, San Francisco, CA, June 14-18, 2002.

Kemper I, Buhling KJ, **Catalano PM**, Henrich W, Brauer M, Dudenhausen JW. High Correlation between prepartum sonographic estimated subcutaneous tissue and postpartum mechanical measured skinfold thickness. American Diabetes Association Annual Meeting, San Francisco, CA, June 14-18, 2002.

Kemper I, Buhling KJ, **Catalano PM**, Henrich W, Brauer M, Dudenhausen JW. High Correlation between prepartum sonographic estimated subcutaneous tissue and postpartum mechanical measured skinfold thickness. Diabetic Pregnancy Study Group of the EASD, 34th Annual Meeting, Balatonfured, Hungary, September 5-8, 2002.

Radaelli T., Haugel-de Mouzon S, Huston-Presley L, **Catalano PM**. Placental and fetal relationship in normal and diabetic pregnancies. Diabetic Pregnancy Study Group of the EASD, 34th Annual Meeting, Balatonfured, Hungary, September 5-8, 2002.

Lepercq J, Haugel-de Mouzon S, **Catalano PM**. Serum leptin in obese and lean women with gestational diabetes mellitus. Placental contribution. Diabetic Pregnancy Study Group of the EASD, 34th Annual Meeting, Balatonfured, Hungary, September 5-8, 2002.

Catalano PM, Haugel-de Mouzon S, Lepercq Jacques, Challier J-C, Huston-Presley L, Friedman JE, Kalhan SC, Kirwan JP. Hormonal factors related to insulin resistance in pregnancy. Diabetic Pregnancy Study Group of the EASD, 34th Annual Meeting, Balatonfured, Hungary, September 5-8, 2002.

Kirwan JP, Jing M, Varastehpour A, Shao J, Friedman JE, **Catalano PM**. Enhanced insulin signaling and decreased

TNF- α in human skeletal muscle may contribute to the reversal of insulin resistance from late pregnancy to post partum. Diabetic Pregnancy Study Group of the EASD, 34th Annual Meeting, Balatonfured, Hungary, September 5-8, 2002.

Ehrenberg H, Presley L, **Catalano P**. The influence of obesity and gestational diabetes on accretion and distribution of adipose tissue in pregnancy. Society for Maternal-Fetal Medicine, 23rd Annual Meeting, San Francisco, CA, February 3-8, 2003.

Radaelli T, Varastehpour A, **Catalano PM**, Hauguel-de Mouzon S. Placental gene profiling and the control of fetal growth. Society for Maternal-Fetal Medicine, 23rd Annual Meeting, San Francisco, CA, February 3-8, 2003.

Emery S, Levine R, **Catalano P**. 24 Hour urine insulin in preeclampsia and gestational hypertension. Society for Maternal-Fetal Medicine, 23rd Annual Meeting, San Francisco, CA, February 3-8, 2003.

Catalano PM, Jing M, Varastehpour A, Presley L, Friedman JE, Kirwan JP. Alterations in insulin signaling pathways in women with normal glucose tolerance (NGT) and gestational diabetes (GDM): Role of TNF-alpha in skeletal muscle. Society for Gynecologic Investigation, Washington, DC, March 26-30, 2003.

Catalano PM, Minium JT, Huston-Presley L. Longitudinal changes in maternal lipid metabolism and relationship to fetal growth. Society for Gynecologic Investigation, Washington, DC, March 26-30, 2003.

Radaelli T, Varastehpour A, **Catalano P**, Hauguel-de Mouzon S. Diabetes induced placental cholesterol and triglycerides synthesis is a primary determinant of excess fetal adiposity. Society for Gynecologic Investigation, Washington, DC, March 26-30, 2003.

Radaelli T, Varastehpour A, **Catalano P**, Hauguel-de Mouzon S. Effect of in utero environment on placental gene expression: Consequences for fetal growth. Society for Gynecologic Investigation, Washington, DC, March 26-30, 2003.

Radaelli T, Varastehpour A, **Catalano P**, Hauguel-de Mouzon S. Inflammatory responses and endothelial dysfunction are the main placental responses to gestational diabetes. American Diabetes Association 63rd Scientific Sessions, New Orleans, Louisiana, June 13-17, 2003.

Radaelli T, Varastehpour A, **Catalano P**, Hauguel-de Mouzon S. Gene expression profiling of placenta reveals enhanced regulation of lipid pathways in GDM. Diabetes in Pregnancy Study Group, Little Rock, AR, May 3-5, 2003.

Durnwald C, Huston-Presley L, Amini S, **Catalano P**. Is there a difference in body composition of large for gestational age infants of gestational diabetics versus controls. Oral presentation at Diabetes in Pregnancy Study Group, Little Rock, AR, May 3-5, 2003.

Ehrenberg HM, Durnwald CP, **Catalano PM**, Mercer BM. The influence of obesity and diabetes on route of delivery. Society for Maternal-Fetal Medicine 24th Annual Meeting, New Orleans, LA, February 2-7, 2004

Ehrenberg HM, Mercer BM, **Catalano PM**. The influence of obesity and diabetes on neonatal macrosomia. Society for Maternal-Fetal Medicine 24th Annual Meeting, New Orleans, LA, February 2-7, 2004

Catalano PM, Huston-Presley L, Amini S. Is there a relationship between insulin response and insulin resistance during pregnancy in women with normal glucose tolerance and gestational diabetes? Oral presentation at the American Diabetes Association 64th Annual Scientific Sessions, Orlando, FL, June 4-8, 2004.

Varastehpour A, Radaelli T, Minium J, **Catalano PM**, Hauguel-de Mouzon S. Enhancement of the placental mevalonate pathway links maternal diabetes to fetal obesity. Oral presentation at the American Diabetes Association

64th Annual Scientific Sessions, Orlando, FL, June 4-8, 2004.

Radaelli T, Uvena-Celebrezze J, Minium J, Thomas A, Hauguel-de Mouzon S, **Catalano PM**. Inflammatory cytokines are regulators of fetal growth and adiposity. Oral presentation at the American Diabetes Association 64th Annual Scientific Sessions, Orlando, FL, June 4-8, 2004.

Selected Professional Activities, Invited Talks & Special Symposia:

Second International Workshop Conference on Gestational Diabetes Mellitus. October 25-27, 1984.

"Infant of the Diabetic Mother." The 93rd Ross Conference on Pediatric Research Infant of the Diabetic Mother. November 16-19, 1986, Carefree, AZ. Proceedings published by Ross Laboratories, November 1987.

"Body Composition of Pregnant Women and Neonates." The Children's Nutrition Research Center, USDA, Baylor University, October 20, 1988, Houston, TX.

"Longitudinal Evaluation of Insulin Response and Insulin Resistance in Gestational Diabetic and Normal Pregnant Women." The Diabetes Treatment Centers of America Foundation, December 1-4, 1988, Kauai, Hawaii.

"Clinical Applications of Body Composition in Pregnancy and the Fetus." The 98th Ross Conference on Pediatric Research - Body Composition Measurements in Infants and Children, September 7-10, 1988, Carefree, AZ. Proceedings published by Ross Laboratories, 1989, pp 84-90.

"Energy Requirements in Pregnancy." American Diabetes Association - Pregnancy Council Meeting, June 3, 1989, Detroit, MI.

"Longitudinal Changes in Carbohydrate Metabolism During Pregnancy in Control Subjects and Women with Gestational Diabetes." The Children's Nutritional Research Center, USDA, Baylor University, May 9, 1991.

"Obesity and Gestational Diabetes." Effects on Pregnancy and the Neonate. Satellite Symposium 14th International Diabetes Federation Congress, June 20-22, 1991, Newport, RI.

"Metabolic Studies in Women with Gestational Diabetes." Second International Graz Symposium on Gestational Diabetes, October 12-16, 1992, Graz, Austria.

"Carbohydrate Metabolism and Body Composition Changes in Pregnancy." Metabolism in the female life cycle. Ares Serono Symposia, Taormina, Italy, May 17-18, 1993.

"Diabetes in Pregnancy." 35th Nestlé Nutrition Conference on Diabetes Mellitus. Athens, Greece, April 18-21, 1994.

"Predicting Diabetes in Women with Prior GDM." American Diabetes Association Diabetes and Pregnancy Council Annual Meeting. New Orleans, LA, June 11, 1994.

"Gestational diabetes: metabolic characterization." Society of Perinatal Obstetricians - Diabetes Special Interest Group, Atlanta, GA. January 23-28, 1995.

"Insulin Sensitivity in Pregnancy: Implications for Gestational Diabetes and Fetal Growth." The 2nd International Symposium on Diabetes and Pregnancy in the 90's. Jerusalem, Israel, March 19-23, 1995.

Gestational Diabetes: 1996 Update Obstetrics and Gynecology, Harvard Medical School. Boston MA, March 24-30, 1996.

Carbohydrate Metabolism. Symposia, Society for Gynecologic Investigation, Philadelphia, PA, March 23, 1996.

"Nutrition and Metabolism in Pregnant Women." Perinatal Research Society, Napa, CA, September 28-30, 1996.

"Obesity, Insulin Resistance, and Hypertension in Pregnancy." Society of Perinatal Obstetricians, Preeclampsia/Hypertension in Pregnancy Special Interest Group. Anaheim, CA, Jan. 20-25, 1997.

Society of Perinatal Obstetricians Meeting. Hypertension Special Interest Group. Anaheim, CA, January 20-25, 1997.

"Effects of Maternal Metabolism on Fetal Growth and Body Composition." American Diabetes Association 4th Annual International Workshop Conference on Gestational Diabetes. Chicago, IL, March 14-16, 1997.

Gestational Diabetes Mellitus. Meeting of the Sociedade Brasileira de Diabetes, Porto Alegre, Rio Grande do Sol, Brazil, September 18-23, 1997.

"Pregnancy and Lactation in Relation to Range of Acceptable Carbohydrate and Fat Intake." IDECG Workshop on Lower and Upper Limits of Adaptation to Energy Intake and its Principal Substrates, Carbohydrates and Lipids, Rome, Italy, December 8-11, 1997.

Nutrients, Growth Factors and Metabolism, Summary of Conference Presentations and Future Directions. Society of Perinatal Obstetricians - Diabetes Special Interest Group. Miami Beach, FL, February 2-7, 1998.

"Maternal Insulin Sensitivity and Fetal Growth Relationship Among Insulin Sensitivity, Energy Expenditure and Fat Accretion During Pregnancy." Diabetes in Pregnancy Study Group - West, Pasadena, CA, May 7-10, 1998.

"Mechanisms and Assessment of Fetal Macrosomia." American Diabetes Association Annual Scientific Meeting, Chicago, IL, June 13-16, 1998.

"Diabetic Macrosomia: What's the Phenotype?" Keynote lecture at International Colloquium of the Diabetes Pregnancy Study Group in Cairns, North Queensland Australia, August 9-12, 1998.

"Longitudinal Changes in Glucose Metabolism During Pregnancy in Obese Women with Normal Glucose Tolerance and Gestational Diabetes Mellitus." American Gynecological and Obstetrical Society. The Homestead in Hot Springs, VA, September 3-5, 1998.

"Longitudinal changes in glucose metabolism during pregnancy in obese women with normal glucose tolerance and gestational diabetes." Lawson Research Institute, University of Western Ontario, London Ontario, Canada, October 6, 1998.

"Maternal factors affecting fetal growth and body composition." Macrosomie Fœtale, Causes et conséquences. Paris, France, April 8, 1999.

"Body composition in the assessment of fetal growth." Society for Perinatal Research, San Francisco, CA, May 1, 1999.

"Nutrient factors affecting fetal growth and body composition." National Institute of Health – International Conference on Fetal Origins of Adult Disease, Rockville, MD, September 2-3, 1999.

"State of the Art Lecture: Fetal Growth and Assessment of Neonatal Phenotype." European Association for the Study of Diabetes: Diabetic Pregnancy Study Group, 31st Annual Meeting, Brijuni, Croatia, October 22-24, 1999.

"Mechanisms of Cellular Insulin Resistance in Adipocytes During Late Human Pregnancy." 32nd Diabetes Pregnancy Study Group of the EASD Annual Meeting, Nof Ginosar, Galilee, Israel, September 21-24, 2000.

"Insulin resistance in pregnancy and GDM: Implications for mother and fetus." American Diabetes Association – Freinkel lecturer, 17th International Diabetes Federation Congress Meeting, Mexico City, Mexico, November 5-10,

2000.

"Simposio - Diabets gestacional: diretrizes no Brasil" and "Conferencia - Gestacional diabets: future perspectives" at the 2nd Reuniao do Grupo de Trabalho em Diabetes e Gravidez, Sao Paulo, Brazil, April 26-29, 2001.

"Body Composition of fetuses in gestational diabetes: Association with maternal and placental factors". Symposium Lecture, 9th Conference of the European Placental Group. Sorrento, Italy, September 19-23, 2001.

"How to care for women with diabetes during pregnancy". Japanese Society of Diabetes and Pregnancy Guest Speaker. Osaka, Japan, November 29, 2001.

"Insulin Resistance in Pregnancy: Implications for the Mother and Fetus". 17th Annual Japanese Society of Diabetes and Pregnancy, Tokyo, Japan, December 1-2, 2001.

"Gestational Diabetes and Insulin Resistance: Its Role in the Short and Long Term Implications for Mother and Fetus". Wellcome Trust - USAID Workshop on "Nutrition as a Preventative Strategy Against Adverse Maternal Pregnancy Outcomes", Merton College, Oxford, England, July 17-20, 2002.

"Diabetes in Pregnancy: Maternal/Fetal Implications" Diabetes Association of Greater Cleveland, Cleveland, OH, November 6, 2002.

"Fetal Development in the Infant of the Woman with Diabetes" Diabetes Special Interest Group Meeting. Society for Maternal-Fetal Medicine, 23rd Annual Meeting, San Francisco, CA, February 3-8, 2003.

"Workgroup on Optimizing Pregnancy Outcomes in Minority Populations" National Institute of Nursing Research, National Institutes of Health, Bethesda, Maryland, March 3-4, 2003.

"Deviant Fetal Growth and Growth Promoters (Leptin, Insulin and IGFS)" Controversies in Diabetes-in-Pregnancy Care at the North American Diabetes in Pregnancy Study Group Meeting, Little Rock, AR, May 3-5, 2003.

"Gestational Diabetes and Insulin Resistance: Role in Short- and Long-Term Implications for Mother and Fetus" Grand Rounds Lecturer/ Visiting Professor for Residency Research at University of Vermont College of Medicine, Burlington, VT, June 20, 2003.

"Infants of Diabetic Mothers – What is the Phenotype?", Keynote Lecturer, International Association of Diabetes and Pregnancy Study Group First Congress and Second Scientific Meeting, Sant Salvador – Comarruga, Tarragona, Spain, August 29-September 1, 2003

"Maternal Metabolic Adaptation to Pregnancy" International Postgraduate Course on Advances in Diabetes & Pregnancy, Comarruga, Tarragona, Spain, September 2-3, 2003

"Clinical Aspects of Insulin Resistance in Pregnancy", Australian Diabetes in Pregnancy Society, Fremantle, Australia, October 24-25, 2003.

"TNF-alpha and Diabetic Pregnancy", Australian Diabetes in Pregnancy Society, Fremantle, Australia, October 24-25, 2003.

"Fetal Growth and Diabetic Pregnancies", Australian Diabetes in Pregnancy Society, Fremantle, Australia, October 24-25, 2003.

"Longitudinal Changes in Glucose Metabolism and Insulin Sensitivity in Human Pregnancy", Mt. Sinai Hospital/University of Toronto, Endocrine Grand Rounds, Toronto, Ontario, Canada, February 27, 2004.

"Longitudinal Changes in Insulin Resistance in Normal and Gestational Diabetic Pregnancies", International Symposium: Bioquimica Perinatal – Ramon Areces Foundation, Madrid, Spain, March 1-5, 2004.

“Fetal Growth and Body Composition in Women with Normal Glucose Tolerance and Gestational Diabetes”,
Conference on Fetal and Infant Body Composition, Detroit, MI, April 27, 2004.

“Longitudinal Changes in Insulin Resistance in Normal and Gestational Diabetic Pregnancies”, Albany Medical
College’s Conference “32nd Annual Resident Teaching Day, June 18, 2004.

“Fetal Growth and Development”, Albany Medical College’s Conference “32nd Annual Resident Teaching Day, June
18, 2004.

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