

# Patrick Catalano, MD

## Past Grants

NIH HD 079647

NIH/NICHD

09/25/2014-05/31/2019

*Comparison of Two Screening Strategies for Gestational Diabetes.*

University of Pittsburgh, Subcontract to Case Western Reserve University.

The study will examine the current ACOG and IADPSG screening strategies for the diagnosis of gestational diabetes based on clinical outcomes. Outcomes include if either screening and treatment strategy results in healthier infants and mothers.

Role: Co-Investigator

NIH R8S119091

NIH/NIDDK

04/1/2012-03/31/2019

*Hyperglycemia and Adverse Pregnancy Outcome-Follow up Study (HAPO-FUS).*

Northwestern University, subcontract to Case Western Reserve University

The HAPO-FUS will evaluate the mothers who participated in the original HAPO study and their offspring at 8-12 years of age. The purpose of the study is to evaluate maternal obesity and glucose tolerance during pregnancy as risk factors for metabolic dysfunction in the mother and her offspring.

Role: PI at the MetroHealth site, Executive Committee

CTSA UL1 RR024989

NIH/NCATS

06/1/2011-05/30/2017

*Director Clinical Research Unit Services (CRUS) of the CTSC at Case Western Reserve University at MetroHealth Medical Center.*

The CRUS provides a research environment for clinical investigators to conduct their studies. Support includes, space, nursing, nutrition, laboratory and specialized equipment.

Role: CRUS director at MetroHealth.

NIH HD-00-009

NIH/NICHD

04/1/2016-03/31/2021

*Cooperative Multi-center Maternal Fetal Medicine Units (MFMU) Network*

This is a multi-center clinical trial unit to evaluate various therapeutics and modalities to improve the reproductive health of women and their offspring.

Role: Consultant

Nestle

The purpose is to assist the Nestle with assessment of nutrient requirements for pregnant and lactating women.

Role: Consultant

CDC Project: RES121921

09/01/2012-08/31/2014

Comparison of glucose tolerance testing immediately postpartum and at 6 weeks in women with gestational diabetes mellitus. This is a TAMS contract funded by CDC to Battelle with a sub-contract to Case Western. Principal Investigator.

NIH RO1 HD-22965-19: "Insulin Resistance and Glucose Metabolism in Pregnancy", Principal Investigator; 5/1/87-4/30/93, 5/1/93-6/30/99; 7/99-6/06; 5/15/07-4/30/14.

NIH RO1 HD-057236: "Omega-3 Supplementation Decreases Inflammation and Fetal Obesity in Pregnancy", Principal Investigator; 9/1/09-8/31/12.

NIH RFA-DK-05-014 "Maternal over nutrition and offspring fat mass, metabolic and vascular function" Consultant; 2/1/07 – 1/31/11.

American Diabetes Association: "Role of Placental Leptin in the Regulation of Fetal Growth and Adiposity", Principal Investigator, 1/1/04-12/31/06.

NIH R01 HD34243: "Hyperglycemia & Adverse Pregnancy Outcome (HAPO)," Principal Investigator; 12/98-4/06.

NIH HD01273-03 Women's Reproductive Health Training Grant; Principal Investigator; 7/99-6/04.

NIH DK55369: "Placental Glucose Transport in Diabetic Pregnancies", Co-Principal Investigator; 8/99-1/04.

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;4/93-3/03.

NIH MO1 RR-00080-34: General Clinical Research Center (GCRC); Associate Program Director; 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; 4/01/91 - 4/30/96.

Weight Watchers Foundation Research Grant: "Follow-up Evaluation of Body Composition and Fat Distribution in Children of Normal Women and Women with Gestational Diabetes," Principal Investigator;7/1/90-6/31/93.

General Clinical Research Center (Perinatal); Program Director; 9/1/89-11/30/92.

Cleveland Diabetes Association: "Studies of Hyperinsulinemia and calcium turnover in pregnancy and preeclampsia," Co-Principal Investigator; 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; 7/1/86-2/31/87.

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

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