Executive Summary
The Forum Institute (501(c)(3) nonprofit organization) is widely recognized by academic institutions and the government as the largest and most successful think tank in the United States focusing on Special Needs Children. In 2014, The FORUM began a very ambitious public health initiative called P2i (Preconception to Infancy) in order to build scientific consensus around an evidence-based protocol to significantly increase the rate of safe pregnancies and healthy children.

Problem: Unsafe Pregnancies and Unhealthy Children
When she conceives, a woman has a 31% chance of a miscarriage and a 12% chance of the child being born preterm (which may result in lifelong health problems) and a more-than-30% chance of bearing a child afflicted with allergies and/or a severe, chronic disease, neurological disorder or developmental disability (a “chronic condition”). Many chronic conditions are caused by exposure to toxins and nutritional deficiencies during gestation and in early infancy and their incidence continues to increase ominously. They include cancer (now the second leading cause of death in children), asthma, autism, allergies, celiac disease, ADHD and diabetes. Many children who suffer from some of these conditions also have significantly lower IQs, on average, than children in unaffected groups. The public health problem also has a large economic aspect: medical and other treatment costs for affected exceed $500 billion a year.

What is the P2i Vision
The mother is the environment of the infant until birth. A growing body of peer-reviewed research and clinician experience strongly suggests that a mother’s exposure to toxins and nutritional deficiencies before conception and during pregnancy jeopardizes her pregnancy and her child’s health.

The old paradigm: many pregnancy issues and childhood chronic health conditions are unpredictable, random events and/or perhaps genetic in origin.
Under the new paradigm, a high incidence of problem pregnancies and serious, chronic disorders among children are in large measure the common result of environmental factors. When women, before and during pregnancy, reduce toxins and follow proper nutrition, the incidence of both poor pregnancy outcomes and chronic disorders among the children is dramatically reduced.

This is the P2i™ Program.
Partnership with the University of Georgia

The Forum has launched this public health initiative and has appointed the University of Georgia (UGA) to implement it. The first step in advancing on this path is to establish the initiative in Georgia through UGA’s College of Public Health (CPH), and to create a patient entry point (for patient care and data collection) through a new P2i Center of Excellence (COE) in Atlanta. The COE, set to open 4th Quarter 2018, will play a key role in ensuring safe pregnancies via the P2i Protocol. The Director is José Cordero, MD, MPH who served as the CDC’s Assistant Surgeon General and Director of the National Center on Birth Defects and Developmental Disabilities. Dr. Cordero led the CDC’s initial work on this vital project. Today, Dr. Cordero is Professor of Epidemiology at the College of Public Health, University of Georgia. He is also a member of the P2i faculty.

Measuring Genomics and Exposome to prevent chronic diseases

This P2i facility will be the first private exposome research and treatment facility in the world that will treat women who want to improve their chances of a healthy pregnancy and having a healthy child. The exposome is an umbrella term for all other factors besides the genome or “a measure of all the exposures of an individual in a lifetime and how those exposures relate to health.” (CDC) “Exposomics is a collaborative paradigm that brings together epidemiology, environmental toxicology, analytical chemistry, nutrition, and microbiology in an open access milieu.” Baby Gene tests will compliment this data.

By overseeing the P2i research and its collected data through the COE, CPH researchers will have access to data upon which they can develop guidelines for a P2i public health campaign in Georgia. As a result, CPH will be positioned to lead educational institutions in other states in implementing P2i, thereby establishing it as a national health initiative. The second site is proposed to be located in Reno Nevada.

Unique Global Platform

3D Interactive Internet Site: The P2i initiative’s other major publicity effort will take the form of a novel, content- and experience rich, 3D website that will serve as a forum for learning and discussion about P2i and related topics. Mothers-to-be, spouses and partners, doctors and other health care professionals, scientists and anyone else interested will be able to share their thoughts and experiences in a virtual environment custom-designed to resemble a university campus in appearance and tone. One campus ‘building’ may store CME courses for practitioners, accessible to the public; another may feature recorded and real-time lectures by leading scientists; and a third may host spontaneous discussion groups. Vendors of supporting products may lease their own buildings. Over 150,000 people a day can access this innovative site. The Website will provide a platform for a global conversation on safe pregnancies and healthy children available 24 hours a day, 365 days a year.

P2i Virtual Global Conference

24 hours/day, 7 days/week, 365 days/year on the internet

A content and experience-rich website in the form of a virtual university campus
Live and archived training for healthcare practitioners and their patients
P2i Global Campus with specialized activities