Pregnant women are exposed to hundreds of environmental chemicals on a daily basis, and for some chemicals like phthalates and Bisphenol A (BPA), diet is a leading source of exposure. Unfortunately, many such chemicals easily cross the placenta to reach the developing fetus. This seminar will review human evidence related to chemical contaminants in the food supply and examine how prenatal exposures can impact children’s health, including neurodevelopment and reproductive development.