Testimony of Alan Leviton

A. Own publications on the topic:

B. “outcomes” of interest

   Birth defects (congenital malformations)
   Spontaneous abortion (miscarriage)
   Prematurity
   Reduced birth weight
     Intra-Uterine Growth Restriction (IUGR)
     Small for Gestational Age (SGA)

C. issues

   Residual confounding

   Pregnancy signal
"the OR for SGA associated with ... caffeine consumption was significantly different between smokers and non-smokers" [Infante-Rivard, 2007].


"Among non-smoking women with high caffeine intake, there was an increased risk of repeated miscarriage, whereas there was no such association among smokers."

Figure 1. Mean Intake of Caffeine and Mean Severity of Nausea According to the Week of Gestation. Week 0 was the week of the last menstrual period. The case patients were women who had spontaneous abortion at 6 to 12 weeks of gestation. The control subjects did not have spontaneous abortion.
