

Seminar in Infant Development

William P. Fifer

(212) 543-5696 wpfl@columbia.edu

September 6

Course overview, requirements, and handouts of weekly readings*

September 13

Fetal ontogeny: early brain development

September 20

Full-term newborn: perceptual and cognitive abilities

September 27

Fetal development: immediate effects of maternal exposures during pregnancy

October 4

Fetal programming: long term effects of prenatal exposures

October 11

National Children's Study: from fetus to 21 years of age

October 18

Premature birth: causes, altered early brain development, and long-term outcome

October 25

Sudden Infant Death: causes, prediction and prevention

November 1

The second nine months of life: memory and cognition

November 8

Language development

November 15

Emotional development

November 22

Thanksgiving break

November 29

Student 5-minute presentations and discussion

December 6

Student 5-minute presentations and discussion

December 13

Final paper due

* Readings will be distributed and written assignments based on these readings are due weekly (via email). The final grade is based on these assignments (30%), class participation (30%) and a 15 page final paper (40%).

