

Laboratory in Infant Cognition 2011

4 credits per semester

Tuesdays 5-6:30pm, 6 Washington Place, Room 307, and Laboratory shifts to be determined

Instructor: **Dr. Athena Vouloumanos**

Office: 6 Washington Place, Room 308

Office hour: by appointment

Email: athena.vouloumanos@nyu.edu

Other Advisors: **Madelaine Krehm**

Email: madelaine.krehm@nyu.edu

Dr. Ozge Ozturk

Email: ozge.ozturk@nyu.edu

Course Description

This laboratory course provides a two-semester research apprenticeship. The goal of this course is to guide you in becoming a proficient researcher. You will be involved in every aspect of infant research (laboratory upkeep, experimental design, data collection, data coding and analyses, literature reviews, and reporting results). In addition to gaining firsthand knowledge about infant cognitive and communication development, you will also acquire technical and practical scientific skills that you can use in other courses and research endeavors (e.g., reading, thinking, and writing critically and creatively, presenting oral and written works, collaboration, and personal responsibility). The first semester is considered a Core C Lab course and the second semester is an Advanced Elective.

Readings and reference materials

Readings in infant cognitive development

Course evaluation

You must maintain an A or B grade to continue this course in the following semester. To obtain a grade, over the course of two semesters, you must:

- Pass IRB Human Subjects Certification Exam
- Complete the equivalent of 12 hours per week of laboratory-related activities, including:
 - Tuesday afternoon lab meetings during which ongoing projects and related readings will be discussed
 - Scheduled lab shifts (including one weekday morning shift), and 6-hour Saturday shifts during which you will participate in data collection, coding and analyses, and lab maintenance
 - Less than 1 hour of weekly preparation at home including reading and writing
- Master all hands-on laboratory procedures
- Pass lab quizzes on lab protocol and ongoing projects
- Give one informal presentation on a project-related reading at lab meeting
- Give one formal presentation on an ongoing project at lab meeting
- Present a poster at the Undergraduate Research Conference
- Write a short report related to your work (usually in the form of an abstract)
- Act in a responsible, respectful, and thoughtful manner in all lab-related activities