**Personnel:**

**The three principal investigators** (no salary) will commit approximately 20% of their time to the project.

**One graduate student (MA-level)** will perform the research and serve as research assistant. S/he will develop hypotheses under the supervision of the PIs. The research assistant will organize and facilitate the day-to-day operations of the research project at various stages of the study, including participant screening, recruitment, and scheduling; data collection, quality assurance, and data coding. S/he will also participate in data analysis and publication when relevant.

In accordance with YVC salary tables, an MA-level student for this task will receive 70 NIS per hour.

**Two undergraduate students (BA-level)** will assist the research staff in operational and logistical platforms.

In accordance with YVC salary tables, a BA-level student for this task will receive 41.30 NIS per hour.

**Statistical consultation** :Statistical consultation is needed in the first and fifth years. At 100 hours per year, $50 per hour, it will cost 20,000 NIS each year.

Fetal sex hormones will be measured from amniotic fluid samples. A single hormone measurement costs 44 NIS.

Programming of cognitive and emotion measures: computerized versions of the study’s cognitive and emotional assessment will be adapted for eye-tracking software. The estimated timeframe for programming is 40 hours in the first year. Each programming hour costs 365 NIS.

**Computers and accessories:** At least two laptop computers are essential both for the work of the coordinator and for the cognitive and emotional tasks.

**Compensation payment to participants:** All participants will receive a 400-NIS gift card or equivalent as compensation for their time working with the project.

**Students’ travel to conference:** Students will present their findings at international conferences.

**Publication costs:** Funds are requested to cover publication costs, including page charges, reprints, graphics, and photographing, as well as English-language editing costs. Some of our figures must be in color, and this raises publication costs considerably. Also included are costs for slides, posters, and presentations at scientific meetings**.**

**Justification for requested equipment:** Fixation duration will be measured using an eye-tracker. This measure is an index of attention and visual processing and will serve as indicator of cognitive and emotional processing.