**Personnel:**

**The 3 principal investigators** (no salary) will commit approximately 20% of their time in the project.

**A graduate student (M.A.)** – who will perform the research and serve as research assistants. He will develop his hypotheses under the supervision of the PIs. The research assistants will organize and facilitate the day-to-day operations of the research project at various stages of the study, to include participant screening, recruitment and scheduling, data collection, quality assurance, and data coding. He will also participate, when relevant in data analysis and publications.

In accordance with YVC salary tables, a M.A. level student for this task will receive 70 NIS per hour.

**Two undergraduate students (B.A.) –** who will assist the research staff in operational and logistic platforms.

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

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

Fetal sex hormones will be measure from amniotic fluid sample. Single hormone measurement costs 44 NIS.

Programming of cognitive and emotion measures: computerized versions of the study' cognitive and emotional assessment adapted for eye tracking sofware. The estimated time frame for programming is 40 hours in the 1st year. Each programming hour costs 365 NIS.

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

**Compensation payment to participants:** All participants will receive a NIS 400 gift card or equivalent as compensation for their time to 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 cost considerably. Also included are costs for slides and 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.