

Honors Summer Grant (Timeline and Budget) – Halley Dante

Timeline:

In the duration of this project (primarily between May 11 to August 16), I will be working in the lab for 40 hours a week to properly design an experiment, collect, and analyze data. Because this is a 3-month long project and the goals of each month are highly dependent on the progress achieved in the previous month, the timeline below is tentative.

Dates	Goal
Month #1 (May 15- June 15)	<ul style="list-style-type: none"> - Preparation for statistical analysis (gain practice of statistical programming using old data) - Gain practical experience on doing lab preparation (overlooking zebrafish assays, gaining experience with the lab stockroom and logistics of the zebrafish assays) <ul style="list-style-type: none"> o Determine how many zebrafish needed for next month - Network with scientists in the area that specialize in the field
Month #2 (June 15- July 15)	<ul style="list-style-type: none"> - Get experience running the experiments - Collect individuality data and neural imaging data - Repeat experiments that have been done in earlier months <ul style="list-style-type: none"> o Determine how many zebrafish needed for next month - Create and run independent project that would: <ul style="list-style-type: none"> o Look at the distribution of light and dark preference in populations (the individuality project) o Look at the persistence of preference over time (the priming project) - Attend conference in Heidelberg for DAAD scholars (July 8-10)
Month #3 (July 15- August 11)	<ul style="list-style-type: none"> - Continue to run independent project - Run statistical analyses on the data - Potentially attend zebrafish conference (July 30-August 1) <ul style="list-style-type: none"> o This would depend on whether results will be available at by the conference or not

Budget:

This project is in partnership with a lab in the University of Konstanz and therefore is also supported by funding from the DAAD program. Their funding intentionally only covers international flights, visa, and housing. Therefore, the proposed budget below consists of costs that are not covered by DAAD.

Item	Cost
University of Konstanz Internship Enrollment	\$180
Local Transportation: This will cover my commute costs: <ul style="list-style-type: none">- Daily commute in Konstanz (subscription is \$70/month = \$210)- Travel to and from Konstanz from Zurich airport (\$100 round trip)- Travel to conferences (variable but can cost up to \$200)	\$500
Technology: This will cover the cost of the technology required for statistical analysis and computer programming such as: <ul style="list-style-type: none">- Laptop repairs: the hardware of my laptop has been malfunctioning and I will repair it so I can effectively use it for statistical analyses- Statistical analyses and mathematical modelling programs	\$500
Compensation for labor: I will be working for 40 hours a week for 13 weeks. At the rate of the Los Angeles minimum wage (\$15.00), this would be a total of \$7,800. However, I will only be requesting for \$3500 which should be enough to cover my expected living expenses for three months: <ul style="list-style-type: none">- Living expenses for three months (rent excluded) – \$860/month<ul style="list-style-type: none">o Source: https://www.numbeo.com/cost-of-living/in/Konstanz-Germany#:~:text=Family%20of%20four%20estimated%20monthly,lower%20than%20in%20New%20York- Zebrafish conference - \$500<ul style="list-style-type: none">o \$370 for attendanceo \$130 for accommodation	\$3500
TOTAL	\$4680