University of Minnesota Genetic Counseling Program

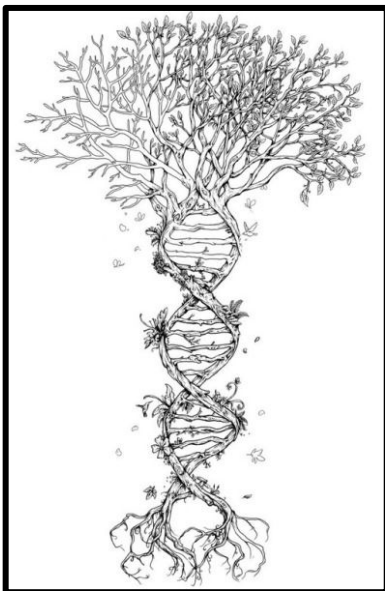## Undergraduate Research Assistant Opportunities

Are you a University of Minnesota Undergraduate Student interested in exploring research in the field of Genetic Counseling?

Richard King Fund Research Assistantships support Undergraduate students at $15/hr. for a maximum of 100 hours ($1500 total) per semester.

To get started and download an application, visit:
https://cbs.umn.edu/genetic-counseling/resources/king

See website for due dates

Current Research Opportunities

- **Genetic Counseling Processes Result in Outcomes (GC-PRO) Study:** The GC-PRO study researches genetic counseling processes in real world settings by collecting audio recordings of actual genetic counseling sessions and pre and post visit surveys from participants. This research will help to define the elements of genetic counseling sessions that contribute to positive patient experiences and outcomes. The position will review audio-recordings and genetic counseling visits and cut out identifying information. They will review the time, quality, and indication of the genetic counseling visit. Students will work independently (remote or in person) with a team including the Clinical Research Coordinator and other undergraduate / graduate students. The majority of the role is in person in Moos Tower (East Bank) in the Genetic Counseling Office.

- **Developing Quantitative Methods Skills:** Quantitative data analysis is a highly valuable skill set in healthcare research. From using clinical data to demonstrate the effectiveness of interventions to assessing outcome data for health disparities to understanding workforce trends, the ability to incorporate data-driven decisions is critical to our role as healthcare professionals. This research opportunity will provide hands-on training in all stages of quantitative analysis, including data cleaning, descriptive statistics, model building, and data visualization. There will be multiple datasets to work with, so you will be able to choose your project based on your goals and interests. Some examples include understanding how non-verbal communication factors influence GC and patient perspectives of sessions, assessing how well admissions rubrics work, and attempting to quantify the quality of relationships between trainees and supervisors in fieldwork settings. To be selected, you must have completed an introductory statistics course. Familiarity with R is encouraged but not required.

GENETIC COUNSELING
UNIVERSITY OF MINNESOTA