



POSITION ANNOUNCEMENT for 2023-2024

Graduate Assistantship: Statistical Consulting Center (SCC) Special Projects

TERMS: A half-time graduate assistantship (GA) for the 2023-2024 academic year in the Statistical Consulting Center (SCC). A half-time graduate assistantship includes a tuition waiver of 4.5 graduate credit hours and a stipend of \$2,000 per semester for both the Fall 2023 and Winter 2024 semesters. The work of the GA will involve a total of 10 hours per week, during normal business hours and scheduled flexibly to accommodate the GA's academic course schedules. Much of the work will be conducted at the dedicated work stations located in the Statistics Department on the first floor of MAK hall on the Allendale campus. Consultation with clients are held face-face, or synchronously via Blackboard Collaborate Ultra or Zoom. The work will require you to interact with the Director of the Statistical Consulting Center on an almost daily basis. As such, one must be a full-time graduate student to qualify for this assistantship.

PROJECT DESCRIPTION AND BACKGROUND: A ½ GA positions will help the SCC continue with its mission of enhancing university research efforts by offering quality statistical advice to faculty and student projects as well as providing interdisciplinary research or instructional/collaboration opportunities for students and faculty from all departments and develop collaborations with West Michigan businesses through consulting projects. The consultations done by the SCC are very different and unique. Many analyses involve methods such as questionnaire design, implementation (using web-based survey tool (Qualtrics)), evaluation, and reliability. Other common analyses include but not limited to descriptive statistics, t-tests, ANOVA, the nonparametric equivalents to t-test and ANOVA, repeated measures ANOVA, Chi-square tests, logistic regression, factor analysis, ordinal logistic regression, multivariate regression, power analysis, etc.

QUALIFICATIONS: Besides, the student having a strong background in statistics and an interest in questionnaire design, survey sampling, and design of experiments, student will have experience with R, or SAS; strong organization skills; and high-quality technical writing skills. The student needs to be able to work independently. Given the statistical and computational knowledge that is required for this appointment, only graduate students in the PSM program in Applied Statistics, Biostatistics OR Masters in Data Science will be eligible for the GA position. Applicants may be current biostatistics or data science students. The student must be able to work independently under the supervision of the SCC Director.

ORIENTATION/SUPERVISION: GA supervisors: Sango Otieno, Director of the Statistical Consulting Center and Paul Stephenson, Professor and Chair, Department of Statistics, Grand Valley State University. These GAs will be given a performance review within the first month of the appointment and then again after the Fall 2023 semester. These GAs will be required to work with a number of GVSU faculty and students. However, formal supervision will occur regularly because these GAs will work closely with Dr. Sango Otieno to discuss individual projects and infrastructure development.

SELECTION PROCESS: Applicants must submit a resume or CV listing the institution, content and grades for all statistics courses completed, a description of relevant skills and experience, and (if requested) participate in an in-person or electronic interview. Review of materials will involve Drs. Sango Otieno, and Paul Stephenson. Other statistics department or computer science department tenure-line faculty members may be consulted as needed. Materials should be electronically and simultaneously sent to: Sango Otieno at otienos@gvsu.edu, and Paul Stephenson at stephenp@gvsu.edu. Candidates need to submit materials by **April 3rd 2023** to receive full consideration.