Graduate Assistantship: Open Educational Resources Development for Courses in Data Analytics

Terms: A full-time graduate assistantship (GA) for the 2019-2020 academic year working with Dr. Bradford Dykes in the Department of Statistics. This assistantship includes a tuition waiver of 9 graduate credit hours and a stipend of $4,000 per semester for both the fall 2019 and winter 2020 semesters. As such, one must be a full-time graduate student to qualify for this assistantship. The work of the GA will involve a total of 20 hours per week and is flexibly to accommodate the GA's academic course schedules.

Responsibilities: The GA position will aid in the development of data-driven active learning material development associated with courses in statistical modeling. Tasks will include, but are not limited to: identification and standardization of potential questions, determination of distractors with corrective/formative feedback, and acquisition of data and its supporting documentation. These learning materials will written using R code and be packaged to be made freely available and open source. The GA will also help support sharing these resources with the larger GVSU community

Qualifications: A highly qualified candidate will have experience with one or more of $\mathbb{R}$, SAS, Python, PhP, HTML, CSS, or JavaScript; strong organization skills; and high quality technical writing skills. Given the statistical knowledge that is required for this appointment, students must be currently in or accepted beginning in fall 2019 either the PSM program in Biostatistics or Masters in Data Science and Analytics will be eligible for the GA position.

Work Station: Any GVSU computer lab or office computer will suffice for many of the required tasks.

Orientation: Dr. Dykes and the GA will meet on a weekly basis. The first meeting will occur in August 2019. Another review meeting will occur in January 2020 to review the fall semester and plan for winter 2020.

Supervision: Dr. Dykes will be the primary supervisor of the GA with further input from Drs. Gabrosek and Stephenson and others involved with relevant course instruction.

Selection Process: Applicants must submit a current resume or curriculum vita. If the applicant did not graduate from GVSU with an undergraduate degree, then the resume must include a list of the undergraduate institution, as well as content and grades for all statistics courses completed. Review of materials will involve Drs. Bradford Dykes, John Gabrosek, and Paul Stephenson. Materials should be electronically sent to: Bradford Dykes at dykesb@gvsu.edu. Candidates need to submit materials by **Friday, March 29th** to receive full consideration.

Contact Information
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