



Graduate Student Mentorship Plan for Grant Proposals

One graduate research assistant (GRA) will be supported financially in this project to help the PIs conduct research [PROJECT]. The GRA will be co-mentored by the PI [NAME] and the Co-PIs [NAMES]. The goal of the proposed mentoring plan is to provide a supervised yet flexible design to allow the GRA to expand their abilities in science and technical communication, assessment using mixed methods approaches, and to provide opportunities for preparation of additional grant proposals, presentations, and publications. Furthermore, the PIs will provide career preparation support.

- **Orientation.** The graduate student will receive support from the PI in terms of designing a graduate program in [DEGREE] that includes required courses from [PROGRAM] with a research support. Of the 30 credits required for the MSc degree, 15 credits are directly supervised by the PI for research and thesis. The PI's department supports these courses by providing course syllabi and mentoring agreement plans for semester-based and project-based learning outcomes and project deliverables. The Co-PIs may serve as committee faculty for the GRA.
- **Communication Plan.** MSc students develop a formal, written communication plan with their research mentor within the first three weeks of beginning their program. This communication plan describes communication mode preference, frequency, and establishing set meeting times to support student-identified discussion topics. The PIs will augment the MSc communication plan with [PROJECT] specific goals and necessary supports.
- **Developing Effective Collaboration Skills.** Because of the nature of this project that involves PIs from very different disciplines with external partners, mentoring our GRA in developing effective collaboration strategies, organization of data (and managing collected data) will be critical. The PIs will meet at least monthly over the course of the funded work, and the GRA will be a critical member of those meetings.
- **Instruction in Responsible Conduct of Research.** In addition to producing new work related to this topic, mentoring our GRA in this work will be critical. In particular, the PIs will work with the GRA to ensure that our data management plan is followed, especially in the context of removing personal identifying information per our Institutional Review Board application. The PIs will ensure that the GRA completes CITI and UCCS Responsible Conduct of Research training. CITI training will be completed within the first 30 days after hire.
- **Mentorship in Scientific Communication and Results Dissemination.** Programs such as the UCCS Graduate Research Academy and Mountain Lion Research Day provide wonderful opportunities for our early career students to practice presenting their research prior to attending a regional or national conference. The GRA will be mentored in developing posters, presentations, and publications for peer-review. The Co-PIs [NAMES] will provide additional mentorship for presentations in their respective fields.
- **Career Planning.** Our GRA will be encouraged to consult early and often with the PIs regarding post-graduation plans and career goals. Resources from GradCO, the UCCS Graduate School, Graduate Research Academy, and the UCCS T. Rowe Price Career Center will be utilized to support career planning goals and development of application materials for the GRA's next career or professional steps.