**Graduate Student Mentoring Plan**

[*Instructions: Below is an example of a mentoring plan geared towards graduate students based at Syracuse University. Replace <info> in brackets with pertinent information. Each plan should be tailored to the proposed project, the department’s goals, and the needs of the grad student, if known. Remove any bullet points that do not pertain to your project and grad student. This document is limited to* ***one page***.]

<#> graduate student(s) will be supported by this proposal. They will be mentored throughout the duration of this grant by *<PI name, other mentor(s)>* in collaboration with the Syracuse University Graduate School. The activities described below will ensure that graduate students funded by this grant will gain the scientific, technical, and professional skills appropriate to their discipline and stage in their program.

All graduate students will participate in the following activities:

* **Orientation** to the student’s role will include directed conversations with *<PI name, other mentor>* and, if appropriate, Graduate School staff to familiarize students with available resources and research standards. The graduate student and their advisor will develop an individual development plan (IDP) to reach the expectations and goals (research and professional) of both the student and the advisor. Evaluation will take place annually to determine if the student is achieving the planned goals and receiving appropriate professional development support.
* **Professional Practice** mentoring will be offered on a regular basis and will include instruction and discussions on: *<PI can add or delete from this list as needed:>*
  + fundamentals of the scientific method
  + laboratory safety
  + specific techniques necessary to conduct research (list techniques if applicable)
  + other standards of professional practice
  + Responsible Conduct of Research training through CITI and the Office of Research Integrity and Protections
  + diversity, equity, inclusion, and accessibility trainings
* **Career Advising** will be provided using the IDP as a guide. The graduate student will have opportunities to explore career pathways and develop the skills, knowledge, and experience needed to excel in careers of interest by utilizing individual career advising appointments, career-related programming, and/or career exploration resources offered by the Graduate School.
* **Publications and Presentations** are an expected result from the work supported by the grant. These will be prepared under the direction of *<PI name>*. Graduate students will (co-)author papers, deliver presentations and posters at conferences, and otherwise disseminate research findings in accordance with goals established in the IDP. Graduate students will be encouraged to participate in research communication–related training and programming.
* (include if applicable) **Proposal Writing Training** will be gained through involvement in proposal development with *<PI name>.* Graduate students will be encouraged to utilize programming and other resources to learn about funding opportunities, how to write competitive grant applications, and the grant submission process.
* **Success of the Mentoring Plan** will be assessed through an annual review process. The review will consider whether established goals were achieved and whether sufficient opportunities for professional development were offered and utilized. If the graduate student is reappointed on the grant, the review will serve as the basis for the subsequent IDP. The Graduate School will track IDPs, monitor annual reviews, and consult as needed on the issuing of new IDPs.