

Policies & Procedures Guide ([PAPPG](#)).

21. Do I need to include a project evaluator?

All proposals should include a plan and associated resources to determine the outcomes of the proposed project. Evaluation activities may be conducted by an independent evaluator, by qualified members of the project team, guided by a project advisory board, or by a combination of these approaches.

22. What is meant by "knowledge generation"?

All IUSE: EHR projects are expected to increase knowledge about effective STEM education. This goal may be achieved through (1) posing one or more research questions that will be answered through the course of the study or (2) evaluation of project activities, impacts, or outcomes. Knowledge generation often comes through addressing research or evaluation questions related to what works, for whom, and in what environments.

23. How can I demonstrate that my project will generate new knowledge?

Projects should include a well-designed plan to gather data and should specify methods of analysis that will be employed to answer the questions posed and mechanisms to evaluate success of the project. Additionally, the proposal should situate the proposed project in current literature and practices, making clear the project's potential to contribute to the existing knowledge base.

24. Does the IUSE: EHR program support replication studies?

Conceptual replication or adaptation studies are encouraged to foster propagation of evidence-based STEM teaching and learning approaches in new settings and environments.

25. Can I submit a Research Experiences for Undergraduates (REU) supplement for an IUSE: EHR award?

Yes, REU supplement requests may be submitted for IUSE: EHR awards but all IUSE: EHR REU supplement requests must be related to the education research or evaluation proposed in the parent award.