

Nuclear Engineering Faculty Development Grant Program

The proposed faculty development program consists of both research and curriculum development support, paired with a mentoring program for our junior nuclear engineering faculty. Development of a robust faculty research and teaching program requires a number of elements that will be supported by this proposal. These include faculty summer salary support, salary support for graduate students or post-doctoral fellows, travel support for faculty and students to participate in technical symposia and research program development, key equipment purchases to establish necessary laboratory capability, and materials and supplies budgets to augment operation of research equipment or access key university user facilities, such as electron microscopy laboratories or computer cluster infrastructure or technicians to help support these labs. In this program, a mentor committee consisting of the Department Chair and key nuclear engineering faculty will work together with the assistant professors to assist their growth as valuable members of the academic community. The faculty mentoring committee will provide feedback to the assistant professors on their strengths and weaknesses in teaching, research and service. It will also assist them in discovering opportunities and strategies for their growing research program, and will serve as an advocate for the assistant professor to promote visibility nationally and internationally.