

## **Executive Summary**

**Project Title:** An Interdisciplinary Minor in Nuclear Science and Engineering

### **Concise Statement of Objectives and Benefits**

Our central initiative is to develop an interdisciplinary undergraduate Minor focused on nuclear science and engineering issues, with the purpose of preparing engineering, computer science and natural science graduates for careers in nuclear industries and government. A resurgence in nuclear energy production and an aging existing work force will soon place a large strain on the nation's educational infrastructure. We will develop an educational program at Polytechnic University with an engineering emphasis, to help meet this challenge. The program will focus on educating engineering and science graduates who have a familiarity with, and clear understanding of, the risks and benefits of nuclear technologies and who will seriously consider employment in nuclear industry and government upon graduation.