The NNCI REU program [2] is designed to give undergraduate students an introductory research experience in nanotechnology. Each year a total of approximately 5 students are hosted at NNCI Texas Nanofabrication Facilities for a 9 week program. Each student works on an independent research project within their area of interest, using the advanced resources of our laboratories. Because of the breadth of expertise in UT, we are able to offer exciting nanotechnology research projects across the spectrum of nanotechnology fields: Electrical Engineering, Materials Science, Chemistry, Chemical Engineering, Physics, Mechanical Engineering, Biology, and Biomedical Engineering. Students take advantage of the streamlined training process that UT employs for all its users to become proficient in advanced laboratory practices quickly. Projects are scaled to be challenging yet achievable within the 9 week time frame.