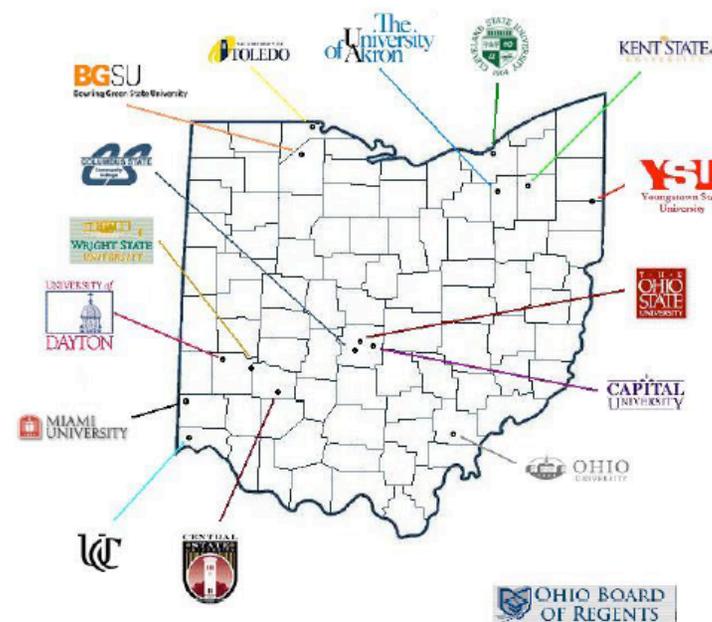


Ohio Consortium for Undergraduate Research: Research Experiences to Enhance Learning (OCUR-REEL) Project

Prabir Dutta CHE-0532250

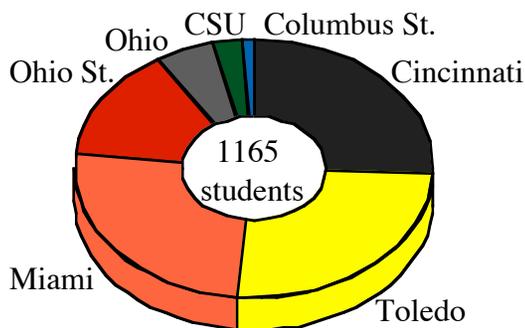
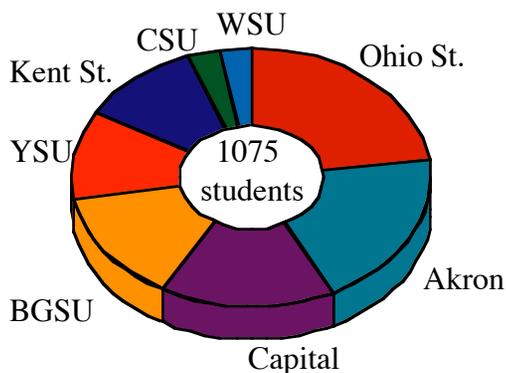
Undergraduate Chemistry instruction across Ohio is being transformed by an ambitious program that provides 1st and 2nd year students with authentic scientific research opportunities. Traditional laboratory instruction in General Chemistry and Organic Chemistry courses is being improved by having students conduct research and generate new chemical knowledge by using modern instrumentation.

In just two years, more than 20 different research modules have been implemented in the areas of environmental, organic, and inorganic/materials chemistry. Research modules promote student ownership of research questions while contributing to publishable research. Program assessment suggests that participation in this program positively affects student views of scientific research.



Year Two Student Participation
2006-2007

General Chemistry



Organic Chemistry