

## **NJCU Chemistry Laboratories Implemented Miniscale Techniques to Reduce Wastes and Improve Laboratory Safety**

NJCU Chemistry Department has been successfully implementing the miniscale techniques in general chemistry and organic chemistry laboratories since Fall 2003. As part of its settlement agreement with the Environmental Protection Agency, NJCU agreed to implement the “Supplemental Environmental Project (SEP) in abovementioned laboratories to reduce the amount of chemicals as well as hazardous wastes it generates. The four-year SEP records showed a dramatic reduction in hazardous wastes and chemical usage. Students’ feedback also emphasized their increased level of laboratory safety, minimal exposure to hazardous chemicals, and becoming more environmentally responsible while achieving maximum development of lab skills and knowledge.