



### What is HI FIVES?

Researchers in science education, computer science, distance education, and the NC Department of Public Instruction will partner with the Kenan Fellows Program (an NSF model RET site at NC State University) to harness the untapped potential of inexpensive, online multi-user competitive simulation software in improving the science achievement and IT skills of NC's grade 5-9 students. Over three years, 15 teacher-leaders and 60 teacher-participants (including 7 guidance counselors) will learn how to use this technology to increase student science achievement and motivation to enter IT-related science careers; 15 competitive simulations teaching IT-driven science will be authored by teacher/faculty pairs and piloted in areas deemed critical by NC DPI; 120 grades 5-9 students will be reached through summer workshops; and 4500 students will be indirectly reached during academic year follow-up.

