

## **University of Northern Colorado Professors Receive Grant from the Colorado Department of Higher Education to Improve Teacher Quality in Science and Mathematics**

Two faculty members of University of Northern Colorado's College of Natural and Health Sciences, Lori Reinsvold of the MAST Institute and Dr. Rob Reinsvold of the School of Biological Sciences, recently received \$236,506 from Colorado Department of Higher Education to deliver the Northern Colorado Mathematics and Science Improving Teacher Quality (ITQ) Partnership.

The ITQ Partnership brings together nine high-need or low-performing school districts of Northern Colorado, the Northeast BOCES, and the science and mathematics programs of the University of Northern Colorado. The grant will provide funds to provide a comprehensive science and mathematics professional-development program to over 100 teachers from these school districts. The school districts include Frenchman RE-3, Platte Valley RE-3, Lone Star 101, Adams County 14, Greeley 6, Haxtun RE-2, Akron R-1, Holyoke RE-1, and Wray RD-2.

The project's goals are 1) to improve teachers' use of CSAP data to improve instruction and student achievement; 2) to deliver quality induction and mentoring programs in science and mathematics; and 3) to support full costs for teachers to take science and mathematics graduate courses sensitive to teachers' work schedules.

Lori Reinsvold is the Director of the Technology Literacy Center within the MAST Institute at UNC. Over the last 19 years at UNC, she has received over \$6 million in funding to improve K-16 educators content and pedagogical knowledge in mathematics, science, and their use of technology in teaching.

Rob Reinsvold is with the School of Biological Sciences at UNC. Besides teaching a diversity of biology courses, he is the coordinator of the secondary teacher education program for Biology. He has also led numerous professional development programs for K-12 teachers both locally and nationally.