Barb Moskal and Craig Taylor Awarded APS Funding for Children with Disabilities: Physics Outreach to Dyslexic Students

The physics outreach to dyslexic students was awarded $10,000 by the American Physics Society for use in the 2013 summer dyslexic student camp. The REMRSEC Educational Outreach program will focus on the development and delivery of instructional modules in physics for students in grades kindergarten through sixth. The modules will be tested on forty students who are attending summer camp specifically designed for students who have been diagnosed with dyslexia (http://www.rockymountaingdyslexiccamp.org/node/5). Dyslexia does not impair students’ scientific and engineering reasoning; in fact, some researchers believe that dyslexic students have enhanced capabilities in science.

Many of the students who are attending the Rocky Mountain Camp for Dyslexics have experienced repeated failure in the traditional school system, which emphasizes literacy with little attention to science. The Colorado School of Mines, a university that focuses on science and engineering, will partner with the Rocky Mountain Camp for Dyslexics, to develop instructional modules that will be delivered one hour per day, during two weeks of this five week summer camp.

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