

*Stretch your
mind...*

Especially designed with classroom teachers, school administrators, educational professionals, higher education faculty and staff, young adults, parents and grandparents in mind, these presentations are free and open to the public!

Invest in yourself...

The University of Texas at Dallas is located near the intersection of Campbell and Coit roads in Richardson, Texas. Campus maps, university and program information are available at

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*Educators may earn
1 SBEC-approved CPE credit hour for
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Teacher Development Center
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The **Center for Science Education Research**
invites you to attend any and all programs in its

2004-2005

Seminar Series for Life-long Learners

Monday evenings from 6:00 pm until 7:30 pm
at
The University of Texas at Dallas

January 24, 2005

Dr. Homer A. Montgomery

Improving Education in Science Five Minutes at a Time

School of Management, SM1.118

Radical pedagogical modifications in the classroom are difficult to execute. Implementing five-minute manipulative sessions meets little instructor resistance and improves scores on exams. Examples include the use of common hardware store objects to help students understand cladograms and learning about sauropod physiology by manipulating potatoes, balloons, toothpicks and PVC pipe.

February 28, 2005

Dr. Mary L. Urquhart

Scale in the Solar System

Conference Center, CN1.112

Learn about hands-on activities that will aid in understanding scale in the solar system. We will create a 1 to 10 billion scale model of the planets and Sun using everyday materials, model the Earth-Moon system with 'play dough', and see how a scale model of Saturn can help with visualization of the ringed planet!

April 11, 2005

Dr. Russell Hulse

*Recipient of the 1993 Nobel Prize in physics and
visiting professor of physics, science and math education at UTD*

2004-2005 Seminar Series Finale

Science, from Nobel to Neighborhoods

Conference Center, CN1.112

My career in science began as a youngster who was captivated by how science opened his eyes to the fascinating world around him. That fascination eventually led to an exciting scientific adventure as a graduate student, and a discovery for which I was awarded a Nobel Prize in Physics. I will tell the story of that discovery, and how the experience of receiving the Nobel Prize led me to a new focus on bringing the excitement and adventure of science to a new generation of kids (and adults) through community-based science education.