

April ENews

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T3 Regional Conference: Building the Power of Algebra with Technology, April 30, 2005

Friday Pre-Conference @ Montana Learning Center for 9-4
Ron Lancaster: Using The TI-83/TI-84 To Enrich The Teaching Of Algebra Through The Use Of Engaging And Interesting Problems. Beginner and expert users alike are welcome to attend. (The \$100 fee includes housing and meals!)

Saturday and Sunday T3 Regional Conference \$55 (Includes Lunch and Barbecue Speaker Dinner on Saturday) Building the Power of Science and Math with Technology

Saturday - Elementary Sessions

PBS Cyber chase: Math Made Fun! Karen Longhart & Fred Longhart
Batty about Science and Math, Barb Anderson
Picture This, Barb Anderson

Saturday - Middle School Sessions

Function Activities with the TI-73, Linda Horst & Tony Riehl
Cabri Jr. Apps TI84+, Duane Olson
Explorations Using the TI-73, Mary Buck
Data Analysis on the TI-84+, Duane Olson

Saturday - High School / College Sessions

Strange math Thinking Algebra and Lists, Dick Seitz
An Introduction to TI-InterActive! Lisa Scott Co Presenter Cliff Bara
Learning Some Simple Programming on the TI-83, Clay Burkett
Creating and Using Electronic Labs, Todd Morstein
Temperature Technology, John Miller
Getting A Feel For The Data, Keith Dreiling
Math Standards Across the Nation, Johnny Lott
Building Cars using Unit Cells, Rod Thronson
Things Your Students Need To Know, Satinee Lightbourne
Teaching Trig with Geometer's Sketchpad, Raisa Richards

Inquiring Minds Want To Know How To Gather Good Data, Todd Morstein
Engaging Students using Technology, Darryl Marchand
TI-Navigator: Boost Student Achievement thru Instant Feedback, Paul Riopel
Exciting Excel, Scott Harris

Saturday Night Barbeque Keynote @ Montana Learning Center @ Canyon Ferry Lake!
Ron Lancaster, Using Your Camera to Take up Math-Spotting as a Hobby

Sunday Morning Sessions (from 8-11)

Elementary - Cold as Ice, Barb Anderson

Middle School - Lego Robots, Liz Gundersen

High School - Animate this! Dan Masters

High School Inverse Functions: A Lesson and a Lesson Study, Fred & Karen Longhart

High School - Confessions of a Discrete Model, John B. George

For more information, contact:

Richard Seitz

rseitz@metnet.state.mt.us

rseitz@helena.k12.mt.us

Home (406) 443-5181

HHS (406) 324-2320

Fax (406) 324-2201

Math opens doors.

Take a Look at Summer 2005 Graduate Courses from Montana State University-
Bozeman!

Consider an exciting summer lab or field graduate-level course offered by Montana State University-Bozeman. Classes vary in length from only a few days to as long as six weeks. Most courses are scheduled for one week. Content includes cell biology, microbiology, chemistry, physics, ecology, geology, paleontology, land resources, and environmental science. Outdoor experiences take advantage of the Greater Yellowstone Ecosystem and travel in Yellowstone National Park. All courses provide graduate credit that may be used for professional development, a graduate degree, or for general interest. For detailed course or degree information, go to <http://www.montana.edu/msse>. Contact Diana Paterson at dianap@montana.edu or 406-994-5679 to pre-register.

Research Experience Teachers Positions at Montana State University, Bozeman.

The physics department at Montana State University, Bozeman, has two positions for the summer of 2005 in our National Science Foundation Research Experience Teachers Program. This position is available to a K-12 or community college teacher with an interest in conducting research in condensed matter and materials physics during an eight to ten week summer period. The participant will be matched with a group conducting research in areas such as: optical materials for data storage and other applications, magnetism, superconductivity, surface physics, fuel cells, nanoscale physics, ferroelectrics, or sample preparation and characterization. A project that can be carried over into the classroom is the main goal, so that students can profit from the experience. Research activities in the department can be viewed at www.physics.montana.edu. A stipend will be provided that is close to the participant's monthly salary within our budgetary restrictions. Some travel and housing funds are also available. Interested individuals should submit a letter and resume to: Prof. John Neumeier, Physics Department, PO Box 173840, Bozeman, MT 59717. Submissions via email are also acceptable (neumeier@physics.montana.edu). The applicant should mention the area(s) of research that would interest them.

John J. Neumeier
Physics Department
PO Box 173840
Montana State University
Bozeman, MT 59717-3840
office telephone: 406-994-6171
lab telephone: 406-994-6148
FAX: 406-994-4452
email: neumeier@physics.montana.edu
webpage: www.physics.montana.edu/faculty/neumeier/jjn.htm

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If you know of someone who would like to receive this mailing and isn't OR if you would like your name removed from the list, contact John Graves... graves@montana.edu