

HEADS – UP!!!

The Department of Economics invites you
to a presentation on

Learning Math and Science

by

Dr. Barbara Oakley, PhD, PE

We sometimes frustrate and fool ourselves unnecessarily when trying to learn. Dr. Oakley provides insight on how to improve learning as we watch thirteen-year-old Magnus Carlsen successfully take on the rude, crude behavior from the world's greatest chess player, Gary Kasparov. Carlsen's tricks give insight on how to excel on tests and be more open-minded and creative in academic work and to learn math and science more easily and with less frustration. Dr. Oakley also explains how to turn the zombies of our neural-circuits-of-habit into friends. By *avoiding* willpower, we can overcome procrastination—often one of the most troublesome challenges for both students and instructors. This presentation is based on Dr. Oakley's forthcoming book, *A Mind for Numbers: How to Excel in Math and Science*. It features insights from many of the world's leading scientists, mathematicians, and engineers.

Barbara Oakley, PhD, PE is an Associate Professor of Engineering in the Department of Industrial and Systems Engineering at Oakland University. Her work focuses on the complex relationship between neurocircuitry and social behavior, specializing in altruism bias. Oakley is a recipient of many teaching awards, including the National Science Foundation's (NSF) Frontiers in Engineering New Faculty Fellow Award and the Oakland University Teaching Excellence Award. Oakley is an elected fellow of the American Institute for Medical and Biological Engineering and a recent vice president of the IEEE Engineering in Medicine and Biology Society. She has been at the forefront of efforts to expand the bioengineering profession and is the author and editor of critically acclaimed books. Her work has appeared in publications ranging from *The New York Times* and the *WSJ* to the *IEEE Transactions on Nanobioscience*.

Friday, February 28, 2014

Location and Time to be announced

Check back at www.sjsu.edu/economics/ or Events at <http://www.sjsu.edu/>
Or contact Lydia.Ortega@sjsu.edu for more info