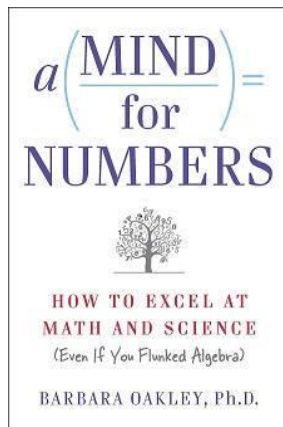


Associate Dean of Teaching and Learning & HHMI  
Guest Lecturer

# Learning How to Learn: Insights from Neuroscience (and Zombies!)

**Dr. Barbara Oakley**  
**Oakland University**

**Monday, March 30, 2015**  
**4:00 pm, Schaap 1019 AND**  
**7:30 pm, Winants Auditorium, Graves Hall**



Barbara Oakley, Ph.D., P.E. is a Fellow of the American Institute of Medical and Biological Engineers and an engineering professor at Oakland University. This lecture is based on her book, *A Mind for Numbers*, and draws on neuroscience and cognitive psychology to explain how the brain works in regards to learning. Using humorous and accessible examples she shares practical and effective techniques and methods for mastering tough subjects while at the same time reducing anxiety, getting enough sleep and applying yourself without trying too hard. Her presentation of how we learn is applicable and effective for learners and teachers of all ages, across all disciplines.

Dr. Oakley has mastered a number of tough subjects herself, starting with a B.A. in Slavic Languages and Literature, from the University of Washington. With that she worked four years in Germany as a Signal Officer in the US Army, and rose to become a Captain. While completing a B.S. in electrical engineering, she worked several fishing seasons as a Russian translator on Soviet trawlers in the Bering Sea and spent a season as the radio operator at the South Pole Station in Antarctica. While working as an engineer and raising young children she completed her M.S. degree in electrical and computer engineering in 1995, and a Ph.D. in systems engineering in 1998 from Oakland University. Her book, *A Mind for Numbers*, ranked 14<sup>th</sup> on the NYT Best Seller list for science books in August, 2014.