

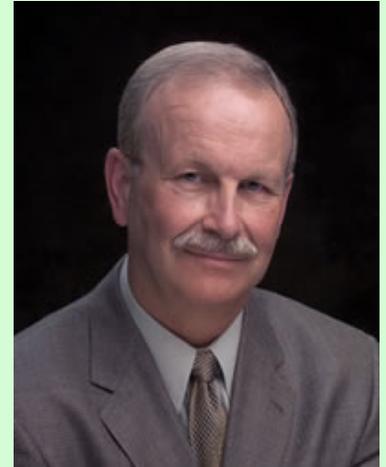
EASTERN MICHIGAN UNIVERSITY

Summer Science Research Initiative

Regent Beth Fitzsimmons Lectures

Erin D. Bigler Ph.D.

Professor of Psychology and Neuroscience
Department of Psychology and Founding Director
Magnetic Resonance Imaging (MRI) Research Facility
Brigham Young University, Provo, Utah



Thursday, May 19, 4:30 pm, Science Complex Rm 156

Advanced Neuroimaging Methods and their Clinical Application

Reception immediately afterward in the atrium

Friday, May 20, 1:30 pm, Science Complex Rm 156

*A Systems Biology and Neural Network Perspective of TBI and
Neurodevelopmental Disorders*

Erin D. Bigler is a professor of psychology and neuroscience at Brigham Young University (BYU), who holds the endowed Susa Young Gates Professorship at BYU and served as chair of the Psychology Department from 1996 through 2002. In 1990, he established the Brain Imaging and Behavior Laboratory at BYU, which studies the role of neuroimaging variables in cognitive and neurobehavioral disorders such as traumatic brain injuries, neurodevelopmental disorders including autism and learning disabilities, anoxic brain injuries and other acquired injuries of the brain as well as aging and Alzheimer's disease. In addition to this, he is an adjunct professor of psychiatry at the University of Utah. In 2013 he was appointed director of BYU's new Magnetic Resonance Imaging Research Facility.

Dr. Bigler has been practicing since 1975 and holds a diplomate in clinical neuropsychology from the American Board of Professional Psychology. He is the past president of the International Neuropsychological Society (2014-2015). Along with having written several neuropsychological tests, he has authored and/or edited 11 textbooks and published over 300 peer-reviewed articles. He was one of the founding associate editors for two journals in the field -- the *Journal of the International Neuropsychological Society* (JINS), where he served for 11 years as well as *Brain Imaging and Behavior*, where he continues to serve. Currently, he is associate editor for *Neuropsychology*. In 1999, he received the Distinguished Clinical Neuropsychologist Award from the National Academy of Neuropsychology, where he was president of that organization from 1989-1990. In 1999, he was also the recipient of the Karl G. Maeser Distinguished Faculty Lecturer Award, Brigham Young University's top faculty honor. He was formerly a professor of psychology and psychiatry at the University of Texas, until he returned to Utah in 1990 to assume his current position at BYU. For 38 years he has either directed or co-directed the subspecialty training in clinical neuropsychology at the University of Texas-Austin or BYU.

SSRI is sponsored by the College of Arts and Sciences