

Monday, March 2, 2009

Oakland University - Henry Ford Hospital Team Studies the Brain Using Magnetoencephalography

Emeritus Professor Norman Tepley, a former chairman of the **Department of Physics**, leads a **laboratory** at **Henry Ford Hospital** that studies **magnetoencephalography**: the magnetic field produced by the brain. In a recent paper published in the journal **Brain Research (Volume 1251, Pages 151-161, 2009)**, Tepley and Adjunct Assistant Professor Susan Bowyer (a 1998 graduate of OU's **Biomedical Sciences: Medical Physics PhD program**) examine the neural mechanisms that modulate reaction times to visual events while viewing a driving video, with and without a conversation. They find that conversation may contribute to increased reaction times.

SUMMARY

Emeritus Professor Norman Tepley, a former chairman of the Department of Physics, leads a laboratory at Henry Ford Hospital that studies magnetoencephalography: the magnetic field produced by the brain.

Created by Heather Mattiello (heather.mattiello@caretech.com) on Tuesday, March 10, 2009

Modified by Brad Roth (roth@oakland.edu) on Thursday, March 12, 2009

Article Start Date: Tuesday, March 10, 2009