

COLLOQUIUM SERIES

TITLE: Penfield's error: How seizures alter motor map topography

Date: October 3, 2008
Location: Somerville House, Room 3345
Time: 3:00 - 4:00 p.m.

(Please join us after the talk for light refreshments)

Dr. Gordon Campbell Teskey
Department of Psychology
University of Calgary



Abstract:

A motor map, or motor homunculus, is a representation of body movements whereby adjacent skeletal muscle groups are represented by adjacent areas on the brain. Neuroscience textbooks often contain Penfield's classic depictions of motor and sensory maps. Curiously Penfield's maps contain an error. Could it be that the error was a result of working in a population of individuals with epilepsy? Atypically organized motor maps have been described in some people with epilepsy and my laboratory has investigated the relationship between experimentally-induced seizures, motor maps and behaviour. The nature of my work has been strongly influenced by my graduate training at U.W.O. and the colloquium will draw heavily upon the contribution of many Department of Psychology faculty members.

Please email: webpsych@uwo.ca if you require information in an alternate format, or if any other arrangements can make this event accessible to you; website: <http://www.psychology.uwo.ca/>

