



THE CONTE CENTER @ UCI

Presents

Tomáš Paus, MD, PhD

University of Toronto

The Conte Center on Brain Programming in Adolescent Vulnerabilities and Ana Solodkin, PhD are pleased to sponsor a special seminar lecture.

POPULATION NEUROSCIENCE OF THE GROWING BRAIN

Tuesday, May 20, 2014; 4:00 – 5:00pm

*Gillespie Hall, 1st Floor Conference Room (Building 837, Room 1133)
UC Irvine Campus
1001 Health Science Rd, Irvine, CA 92697*

Professor Tomáš Paus is the Tanenbaum Chair in Population Neuroscience, Professor of Psychology and Psychiatry at the University of Toronto, and Senior Scientist at the Rotman Research Institute. He is an expert in mapping the human brain in health and disease using a variety of tools, including magnetic resonance imaging, positron emission tomography, electroencephalography and transcranial magnetic stimulation.

Dr. Paus' interest focuses in the structural and functional organization of the human brain and the forces, in genes and environment that shape brain and behaviour. Currently, he is pursuing two overarching themes: 1) Organizational and activational effects of sex hormones vis-a-vis social cognition and neural connectivity; 2) Neural underpinnings of mental health during adolescence, with a particular emphasis on addiction and depression.

For over the past 10 years, Prof. Paus has initiated or joined several large-scale studies of brain maturation and cognitive development during adolescence, thus pioneering a new discipline of population neuroscience that operates at an intersection of epidemiology, genetics and neuroscience. In this work, he and his colleagues explore the interplay between genes and environment in shaping the human brain and, in turn, trajectories of mental and cognitive health.

If you would like to meet with Dr. Paus or have any questions regarding the seminar, please contact: Teresa Marcotte, x4-6478, tmarcott@uci.edu.