The IMSA Great Minds Program®

"Learning and the Brain: Where Are We and Where Do We Need to Be?"

Saturday, October 20, 2007

10:00 a.m. – 5:15 p.m.

(Reception 5:15 - 6:15)

IMSA Auditorium, Aurora, IL

There is the possibility that improved understanding of the brain will bring not only improvement in education as currently practiced, but also new conceptions of the nature of education itself. This panel represents the first stage of a continuing study of how the finding of neuroscientists, the cognitive psychologists and the computer scientists can serve to advance the very process of education. IMSA and the community of teachers, educators and scientists will follow up the October 20 Panel with publications, smaller meetings and perhaps another panel in about a year.

Seating will be limited so pre-registration is required

There will be a \$10.00 fee to cover the cost of lunch and a reception with the speakers.

Please Note: Checks/Payment must be received at IMSA by October 10 to guarantee lunch.

We have to commit to a number with our food service

The schedule for the day is:

10:00 AM Introduction Dr. Paul Grobstein

10:10-12:20 Speakers

12:20-1:20 Questions and Comments

1:20-2:20 Lunch

2:20-4:00 Breakout Sessions

4:00-415 Coffee

4:15-5:15 Reconvene and Summaries

5:15-6:15 Reception

Hosted by Leon Lederman, Ph.D., Nobel Laureate, IMSA Founder and Resident Scholar

Introduction: Dr. Paul Grobstein - Professor of Biology, Director, Center for Science in Society, Co-founder of Serendip, Experimental Neurobiologist Bryn Mawr College



http://serendip.brynmawr.edu/exchange/braineducation/imsa07

Guest Panelists:

Dr. Kalina Christoff

Department of Psychology, P.I. Cognitive Neuroscience of Thought Lab, Neural and Cognitive Mechanisms of Human Thought, University of British Columbia



http://www.christofflab.ca/people/

Dr. Kurt Fischer

Director of the Mind, Brain and Education Program Harvard Graduate School of Medicine



http://gseweb.harvard.edu/~ddl/aboutkwf.htm

Dr. Mary Helen Immordino-Yang

Postdoctoral Fellow at the Rossier School of Education, University of

Dr. Stephanie Pace Marshall

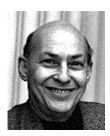
Founding President and President Emerita, Illinois Mathematics and Science Academy. Author: The Power to Transform: Leadership that Brings Learning and Schooling to Life, Wiley, 2006. Founding President of National Consortium for Secondary Schools of Mathematics, Science and Technology



http://www.stephaniepacemarshall.com/biography.html

Dr. Marvin Minsky

Toshiba Professor of Media Arts and Sciences, MIT, Founder of MIT's Artificial Intelligence Lab, Author: The Society of Mind (1987) The Emotion Machine, Book Draft (2007)



http://web.media.mit.edu/~minsky/

Dr. Uri Wilensky

Professor of Learning Science and Computer Science, Director of the Center for Connected Learning and Computer-based Modeling,

Southern California.



http://www.usc.edu/schools/college/ news/april_2007/psyche.html

Northwestern University



http://ccl.northwestern.edu/uri/