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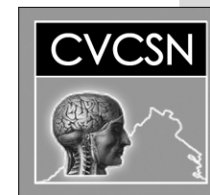
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## **A New Look Inside the Brain: Research and Clinical Imaging Techniques**

VCU Medical Center  
Medical Sciences Building Auditorium  
Monday March 14, 2005



17th Annual Neuroscience Symposium of the  
Central Virginia Chapter of the Society for Neuroscience

[www.cvcsn.vcu.edu](http://www.cvcsn.vcu.edu)

## 2005 CVCSN Neuroscience Symposium Program

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8:00 am     Registration and Continental Breakfast

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8:30 am     Welcome

- ▶ Babette Fuss, CVCSN President, Department of Anatomy and Neurobiology, Virginia Commonwealth University

Introduction

- ▶ Scott Henderson, Director, Microscopy Facility, Department of Anatomy and Neurobiology, Virginia Commonwealth University
- 

9:00 am     "Clinical application of non-invasive quantitative imaging techniques for studying the pathophysiology of head injury"

- ▶ Panos P. Fatouros  
Department of Radiology,  
Virginia Commonwealth University
- 

10:00 am    "What the nose tells the brain about odors"

- ▶ Larry Cohen  
Department of Cellular and Molecular Physiology,  
Yale University, School of Medicine
- 

11:00 am    *Coffee Break and Vendors Showcase*

11:30 AM    "Visualizing protein interactions in living cells"

- ▶ Ammasi Periasamy  
Departments of Biology & Biomedical Engineering,  
University of Virginia
- 

12:30 PM    "Membrane transport at the plasma membrane (exo-and endocytosis) and protein biogenesis"

- ▶ Sanford Simon  
Department of Cellular Biophysics,  
Rockefeller University
- 

1:30 PM     *Lunch and Vendors Showcase*

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2:30 PM     "Altered cerebral metabolism following traumatic brain injury: Energy crisis, neuroprotection and metabolic therapy"

- ▶ David Hovda  
Division of Neurosurgery, Departments of Surgery  
and Molecular Medical Pharmacology, UCLA
- 

3:30 PM     "Elucidation of synaptic circuitry in genetically engineered mice"

- ▶ Leonardo Belluscio  
Developmental Neural Plasticity Unit, NINDS
- 

4:30 PM     *Catered Reception and Vendors Showcase*