# Science of Learning Symposium Preliminary Program

## Welcome and Introduction

9:00 – 9:15 a.m.  
*Robert Lieberman*  
Provost and Senior Vice President for Academic Affairs, Johns Hopkins University  
*Barbara Landau*  
Dick and Lydia Todd Professor, Department of Cognitive Science  
Director, Science of Learning Institute, Johns Hopkins University

## The Neuroscience of Brain Changes During Learning

9:15 – 10:00 am  
*Richard Huganir*  
Professor and Director, Solomon H. Snyder Department of Neuroscience  
Co-Director, Brain Science Institute, Johns Hopkins University

10:00 – 10:30 a.m.  
BREAK

## Learning in the Visual Brain

10:30 – 11:15 a.m.  
*Alan Yuille*  
Professor, Department of Statistics, University of California Los Angeles

11:15 – 11:45 a.m.  
*Ed Connor*  
Professor, Department of Neuroscience  
Director, Zanvyl Krieger Mind Brain Institute, Johns Hopkins University

11:45 – 1:00 p.m.  
LUNCH

## Language Learning

1:00 – 1:45 p.m.  
*Elissa Newport*  
Professor, Department of Neurology  
Director, Center for Brain Plasticity and Recovery, Georgetown University

1:45 – 2:30 p.m.  
*Katherine Kinzler*  
Associate Professor, Department of Psychology, University of Chicago

2:30 – 3:00 p.m.  
*Jason Eisner*  
Professor, Department of Computer Science  
Whiting School of Engineering, Johns Hopkins University

3:00 – 3:30 p.m.  
BREAK

## Learning to Read and Write

3:30 – 4:15 p.m.  
*Bruce McCandliss*  
Professor, Developmental and Psychological Science  
Graduate School of Education, Stanford University

4:15 – 4:45 p.m.  
*Brenda Rapp*  
Professor and Chair, Department of Cognitive Science  
Zanvyl Krieger School of Arts and Sciences, Johns Hopkins University

## Gifted Learning

4:45 – 5:30 p.m.  
*Jonathan Plucker*  
Raymond Neag Endowed Professor of Education, University of Connecticut

5:30 – 6:30 pm  
RECEPTION
Gateway Sciences Initiative Symposium Preliminary Program
January 12th, 2016

8:30 - 9:00 a.m. Registration and Breakfast

9:00 - 9:15 a.m. Welcome

9:15 – 10:00 a.m. David Asai
Undergraduate Science Education Program Director, Howard Hughes Medical Institute

10:00 – 10:45 a.m. Sheri Sheppard
Professor of Mechanical Engineering, Stanford University

10:45 – 11:00 a.m. BREAK

11:00 – 11:45 a.m. Eileen Haase
Professor of Biomedical Engineering, Whiting School Biomedical Design Studio GSI Project, Johns Hopkins University

11:45 – 1:15 p.m. LUNCH and DIGITAL POSTER SESSION of Round 2 GSI Final Projects & Graduate Student Teaching-as-Research Projects

1:15 – 2:00 p.m. Melanie Cooper
Professor of Science Education, Department of Chemistry, Michigan State University

2:00 – 2:45 p.m. Tyrel McQueen
Professor of Chemistry, Chemical Structure and Bonding with Laboratory: A New Course for Advanced Freshmen GSI Project, Johns Hopkins University

2:45 – 3:00 p.m. BREAK

3:00 – 3:45 p.m. Robert Leheny
Professor of Physics, Building a SCALE-UP General Physics Instructional Mode GSI Project, Johns Hopkins University

3:45 – 4:30 p.m. Steven Luck
Professor of Psychology, University of California Davis

4:30 – 5:00 p.m. Reflections and Closing Remarks

5:00 – 6:00 p.m. RECEPTION