The FABBS Foundation is an educational, non-profit organization established to enhance understanding of the sciences of mind, brain, and behavior. Its efforts are focused on educating the public about the contributions of these sciences to the well-being of individuals and society, recognizing scholars who have made significant contributions to these sciences, and facilitating productive dialogue between scientists and relevant stakeholders to inform policies and improve lives.

The American Educational Research Association (AERA), a national research society, strives to advance knowledge about education, to encourage scholarly inquiry related to education, and to promote the use of research to improve education and serve the public good.

The Cognitive Science Society, Inc. brings together researchers from many fields who hold a common goal: understanding the nature of the human mind. The Society promotes scientific interchange among researchers in disciplines comprising the field of Cognitive Science, including Artificial Intelligence, Linguistics, Anthropology, Psychology, Neuroscience, Philosophy, and Education.

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Enhancing Children’s Learning:
Insights from Cognitive, Education, and Neuroscience Research

Thursday, March 24, 2011
6:00pm-7:30pm
Light refreshments to follow

Pew Conference Center
The Americas Room (2nd Floor)
901 E St. NW
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Moderator

Carl Wieman

Carl Wieman was confirmed by the U.S. Senate in September 2010 as the Associate Director for Science at the White House Office of Science and Technology Policy. Dr. Wieman previously divided his time between the University of British Columbia and the University of Colorado where he served as Director of Collaborative Science Education Initiatives and Professor of Physics. From 1984 through 2006, he was a Distinguished Professor of Physics and Presidential Teaching Scholar at the University of Colorado. Dr. Wieman has received numerous awards for his research, including sharing the Nobel Prize in Physics in 2001.

Dr. Wieman has worked extensively on research and innovations for improving science education. He was the founding Chair of the National Academy of Sciences Board on Science Education. For his work in science education, he has received the National Science Foundation’s Distinguished Teaching Scholar Award (2001), the Carnegie Foundation’s U.S. University Professor of the Year Award (2004), and the American Association of Physics Teachers’ Oersted Medal (2007). Dr. Wieman received his B.S. in Physics from the Massachusetts Institute of Technology in 1973 and his Ph.D. from Stanford University in 1977.

Speaker

Lauren Resnick

Lauren Resnick is a Distinguished University Professor of Psychology and Cognitive Science. She is an internationally known scholar who has made exceptional contributions to the cognitive science of learning and instruction. She has served as director of the prestigious Learning Research and Development Center and is founder and director of the Institute for Learning, both at the University of Pittsburgh.

Educated at Radcliffe and Harvard, Dr. Resnick has been an Overseer of Harvard University and a member of the Smithsonian Council. In 1986-1987, she was the president of the American Educational Research Association (AERA). Dr. Resnick has received multiple awards for her research, including the 2007 Award for Distinguished Contributions to Applications of Psychology to Education and Training and the 1998 E.L. Thorndike Award (both from the American Psychological Association), as well as the 1999 Oeuvre Award from the European Association on Research for Learning and Instruction.

Speaker

Bruce McCandliss

Bruce McCandliss is currently the Patricia and Rodes Hart Professor of Psychology and Human Development at Vanderbilt University’s Peabody College. In 2007, he received the Presidential Early Career Award for Scientists and Engineers. The award is the highest honor bestowed by the U.S. government for outstanding scientists and engineers in the early part of their independent research careers.

Dr. McCandliss received a PhD in Psychology (with a focus on electrophysiology and cognitive neuroscience) from the University of Oregon in 1997. He then completed post-doctoral training in fMRI of reading and language development at the Center for the Neural Basis of Cognition, a joint program between Carnegie Mellon University and the University of Pittsburgh. In 1999, he became Assistant Professor at the Weill Cornell Medical College, and co-founded with Michael Posner and BJ Casey, the Sackler Institute for Developmental Psychobiology. Dr. McCandliss is also the co-founder of Reading Works, a computer program that aids elementary school students who are struggling with basic reading skills.