



National Science Foundation

Advisory Committee for Education and Human Resources (EHR)

Schedule and Agenda

Tuesday, May 19, 2015 and Wednesday, May 20, 2015

Arlington, VA

Stafford I Conference Room 375

Tuesday, May 19, 2015

- 8:00AM – 8:30AM **Morning Refreshments**
- 8:30AM – 8:45AM **Welcoming Remarks**
Lee Todd, President Emeritus, University of Kentucky, Outgoing EHR Advisory Committee Chair
Francisco Rodriguez, Chancellor, Los Angeles Community College District, Incoming EHR Advisory Committee Chair
- 8:45AM – 9:15AM **Introductions, Meeting Overview and EHR Updates**
Joan Ferrini-Mundy, Assistant Director, Education and Human Resources
- 9:15AM – 10:15AM **Update on the EHR Core Research Program**
Moderator: Anthony Kelly, Senior Advisor, EHR Office of the Assistant Director
Mark Leddy, Co-lead, EHR Core Research Program, EHR Division of Human Resource Development
Finbarr Sloane, Co-lead, EHR Core Research Program, EHR Division of Research on Learning
Jan Middendorf, Co-lead, EHR Core Research Program Evaluation, EHR Division of Graduate Education
- 10:15AM – 10:30AM **Committee of Visitors Report Out: ADVANCE**
Suzanne Ortega, Council of Graduate Schools, COV Chair
- 10:30AM – 10:45AM **Break**
- 10:45AM – 12:15PM **Panel Discussion: Evolving Successful STEM Education Indicators**
Moderator: Mark Lipsey, Research Professor and Director of the Peabody Research Institute, Vanderbilt University
Barbara Means, Director of the Center for Technology in Learning, SRI

Greg Camilli, Professor, Graduate School of Education, Rutgers University
Peter Muhlberger, Senior Science Resources Assistant, Directorate for Social Behavioral and Economic Sciences (NCSE)
Discussant: Karen King, Lead, Discovery Research K-12 Program, EHR Division of Research on Learning

- 12:15PM – 1:15PM **Lunch Conversation and Poster Session with EHR Program Officers**
- 1:15PM – 2:15PM **Committee of Visitors Report Out: Division of Research on Learning in Informal Settings (DRL), IGERT, GK-12, and SFS**
Greg Camilli, Professor, Graduate School of Education, Rutgers University, Co-chair for DRL COV
Karen Klomparens, Professor and Associate Provost and Dean of the Graduate School, Michigan State University, Chair for IGERT, GK-12, and SFS COV
- 2:15PM – 2:30PM **Break**
- 2:30PM – 4:00 PM **Panel Discussion: Developing New Measures for Non-cognitive Skills**
Moderator: Angel Cabrera, President, George Mason University
Art Graesser, Professor, Department of Psychology and the Institute of Intelligent Systems, University of Memphis
Rory Cooper, Director Human Engineering Research Laboratories and Distinguished Professor, Department of Rehabilitation Science and Technology, University of Pittsburgh
Evan Heit, Division Director, EHR Division of Research on Learning
Discussant: Gul Kremer, Program Director, EHR Division of Undergraduate Education
- 4:00PM – 5:00 PM **Meeting with Dr. Richard O. Buckius, NSF Chief Operating Officer**
- 5:00PM – 6:00PM **Synthesis of the Day**

Wednesday, May 20, 2015

- 8:00AM – 8:30AM **Morning Refreshments**
- 8:30AM – 8:45AM **Reflection on Previous Day's Discussions**
- 8:45AM – 10:30AM **Panel Discussion: Putting Improvement Science into STEM**
Moderator: Paul Kim, Assistant Dean for Information Technology and CTO, Stanford University School of Education
Anthony S. Bryk, President, Carnegie Foundation for the Advancement of Teaching

Michele Cahill, Distinguished Fellow in Education and Youth Development
National Center for Civic Innovation
Julie Palais, Program Officer (on detail from Polar Programs), EHR Division of
Graduate Education
Discussant: Ann Austin, Co-lead, EHR Core Research Program Evaluation, EHR
Division of Undergraduate Education

- 10:30AM – 10:45AM **Break**
- 10:45AM – 11:45AM **Panel Discussion: New Directions for Broadening Participation with INCLUDES (Inclusion across the Nation of Communities of Learners that have been Underrepresented for Diversity in Engineering and Science)**
Joan Ferrini-Mundy, Assistant Director for Education and Human Resources
Pramod Khargonekar, Assistant Director for Engineering
Wanda Ward, Head of the Office of International and Integrative Activities
- 11:45AM – 12:15PM **Committee of Visitors Report Out: Noyce and S-STEM COVs**
Lillian Lowery, Maryland State Superintendent of Schools, COV Chair
- 12:15PM – 12:30PM **Break**
- 12:30PM – 2:15PM **Working Lunch Plenary Panel: Researching the Future of Graduate Education**
Moderator: Sarah-Kay McDonald, Expert, EHR Division of Research on Learning
Matt Wilson, Science and Engineering Policy Analyst, National Science Board
Office
Nirmala Kannankutty, Senior Advisor, National Center for Science and
Engineering Statistics
Sally Rockey, Deputy Director for Extramural Research and Director of the Office
of Extramural Research, National Institutes of Health
Julia Kent, Director of Communications, Advancement and Best Practices,
Council of Graduate Schools
- 2:15PM – 2:30PM **Wrap Up and Adjournment**
Francisco Rodriguez, EHR Advisory Committee Chair
Joan Ferrini-Mundy, Assistant Director, Education and Human Resources