CREA Conference Thread for:
Edmund W. Gordon Study Group on Diversity, Equity and Excellence in Achievement and Assessment in Science, Technology, Engineering and Mathematics Education (Institute for Urban and Minority Education, Teachers College, Columbia University)

Wednesday
2:15pm – 3:45pm
Wilson
Symposium
Gordon/IUME Session 1
Human Diversity and Achievement in STEM: Can Assessment Help?
Edmund W. Gordon Study Group on Diversity, Equity and Excellence in Achievement and Assessment in Science, Technology, Engineering and Mathematics Education (Institute for Urban and Minority Education, Teachers College, Columbia University)

Symposium Presentations
Exploitation of Extant Capacity of Measurement Science to Facilitate the Cultivation of Intellect
Catherine Voulgarides, Amanda Walker Johnson,
University of Massachusetts

The Limits of Test Bias as an Explanation or Solution
Juliette Lyons-Thomas¹, Keena Arbuthnot²
¹Regents Research Fund, ²Louisiana State University

Thursday
8:30am-9:45am
Empire
Symposium Plenary Session

Gordon/IUME Session 2
Human Diversity and Achievement in STEM: Cultural Diversity and Pedagogy
Edmund W. Gordon Study Group on Diversity, Equity and Excellence in Achievement and Assessment in Science, Technology, Engineering and Mathematics Education (Institute for Urban and Minority Education, Teachers College, Columbia University)
Chair: Eleanor Armour-Thomas, Queens College, CUNY
Discussant: William Trent, University of Illinois at Urbana-Champaign

Symposium Presentations

Human Diversity & the Pedagogical Troika
A. Wade Boykin
Howard University

Culture, Experience, and Learning
James Gee
Arizona State University

12:00 Noon- 1:45pm
Greetings from the National Science Foundation
Julia Clark, Program Director, Division of Research on Learning (DRL), National Science Foundation

Introduction of Speaker
James D. Anderson, University of Illinois at Urbana-Champaign
Discussant: Joanna Gorin, Vice President for Research, ETS

When Tests Miss the Mark: Toward More Culturally Responsive Assessment
Lloyd Bond, Ph.D.
Retired, Senior Research Scientist, Carnegie Endowment for the Advancement of Teaching

2:00pm – 3:30pm
Salon 1
Symposium
Gordon/IUME Session 3
Human Diversity and Achievement in Stem: Cultural Variety May Not Be The Problem
Edmund W. Gordon Study Group on Diversity, Equity and Excellence in Achievement and Assessment in Science, Technology, Engineering and Mathematics Education (Institute for Urban and Minority Education, Teachers College, Columbia University)

Symposium Presentations

Democracy, Meritocracy and the Uses of Education
Audra Saa Meroe
NSF Diversity in STEM

What is the Problem: Social Division and STEM Achievement?
Edmund W. Gordon
Professor Emeritus, Yale University and Teachers College, Columbia University

Friday
9:00am-10:30am
Wilson
Symposium
Gordon/IUME Session 4
Human Diversity and Achievement in STEM: Assessment in the Enablement of STEM Achievement
Edmund W. Gordon Study Group on Diversity, Equity and Excellence in Achievement and Assessment in Science, Technology, Engineering and Mathematics Education (Institute for Urban and Minority Education, Teachers College, Columbia University)
Chair: A. Wade Boykin, Howard University

Symposium Presentations

Talk as a Lever for Equity in STEM
Juliette Lyons-Thomas¹, Sherice Clarke²
¹Regents Research Fund, ²University of Pittsburgh

Dynamic Pedagogy: The Development of Intellective Competence Using STEM Subject Matter
Eleanor Armour-Thomas¹, Edmund W. Gordon²
¹Queens College – CUNY, ²Professor Emeritus, Yale University and Teachers College, Columbia University