



United States Council Foundation

McGraw-Hill
Research Foundation

“The Roundtable on Education and Human Capital Requirements”

McGraw-Hill Headquarters – New York City (45th Floor)

Friday, February 24, 2012

Agenda

7:45 – 8:15 am: Continental Breakfast

8:15 – 8:25 am: Welcome: Jay McGraw & Peter Robinson

8:25 – 8:30 am: Introductions: Charles Fadel

8:30 – 9:00 am*: Charles Fadel: Setting the Stage; Technology and the Impact on Human Capital

9:00 – 9:30 am: Bernard Meyerson: Advances in Computing (A.I. in particular)

9:30 – 10:00 am: David Autor: The Impact of Automation on the Demand for Skills, and Potential Education Systems Responses

Break (15 mins)

10:15 – 10:45 am: Dan Trefler: The Impact of Communication/Transportation on Offshoring, and Potential Education Systems Responses

10:45 – 12:00 pm: Discussion (all):

1. Do different models of economic analysis adequately factor in the forward impact of:
 - Communication & Transportation: The depth and breadth of the talent pool of developing countries?
 - Computing: The impact of Artificial Intelligence?
2. Is there a consensus amongst economists about economic transformation and the associated skills in developed countries?
3. First pass: What should students learn in the 21st century?

12:00 – Lunch (45 mins) Signature Room – 50th Floor

12:45 – 1:15pm: Nicole Smith: STEM Education and Employment Growth

1:15- 2:15 pm: Discussion (all):

1. What are the economic arguments for enhancing the quantity/quality of STEM graduates in the overall labor supply? Is there also an economic case for STEM based on “public good” benefits?
2. Provocatively: Are some professions/fields more conducive to employment growth than others? What is the role of Humanities?
3. Second pass: What should students learn in the 21st century?

Break (15 mins)

2:30 – 3:00 pm: Riel Miller: New Measures of Value Creation in a Post-Industrial, Innovation Economy

3:00 – 4:00 pm: Discussion (all):

1. Provocatively: Can we make realistic recommendations given the rate of change?
2. What further research is needed? With what continuity and focus?
3. Final pass and synthesizing: What should students learn in the 21st century?

Adjourn

* *Succinct, clarifying Q&A throughout all presentations*