GHEF 2:30pm Oct 10

• Global Policy and Governance in Higher Education Ecosystem

• Keynote 5:
   
   Adaptation of Higher Education Ecosystems under Disruptive Technological and Economic Change

• Speaker: Professor Dr. Gerard A. Postiglione, Chair Professor in Higher Education & Coordinator of the Consortium for Research on Higher Education, Faculty of Education, The University of Hong Kong
Disruption
My talk

• What technological and economic disruptions

• How they affect higher education ecosystems?

• How to disrupt the disruptions?
Disruptions

Aging population

Rise of emerging markets

Tech impact on market competition

Accelerated flows (trade, capital, people, data).
Dear McKinsey:

Thank you.
Best wishes,
Asia
Promoting connectivity: Guangdong-Hong Kong-Macau Big Bay Area and the 21st Century Maritime Silk Road
1. Technological acceleration and economic disruptions
Decreased cost to accelerate connectivity

$5 Million vs. $400
HOW MANY INTERNET USERS WILL THERE BE IN 2025?

4.7 BILLION
INTERNET USERS

75%
Percentage from emerging economies
Research Productivity of Returnees from Study Abroad in Korea, Hong Kong, and Malaysia
JC Shin, J Jung, G.Postiglione, N.Azman

Minerva: A Review of Science, Learning, and Policy
Dec 2014, Vol. 52 Issue 4, pp. 467-487
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<tbody>
<tr>
<td>Malaysia</td>
<td>148</td>
<td>568</td>
<td>1,268</td>
<td>3,569</td>
<td>2,411%</td>
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<tr>
<td>Mexico</td>
<td>1,036</td>
<td>2,432</td>
<td>4,167</td>
<td>5,782</td>
<td>558%</td>
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<tr>
<td>Slovakia</td>
<td>446</td>
<td>1,022</td>
<td>2,878</td>
<td>1,914</td>
<td>429%</td>
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<tr>
<td>Thailand</td>
<td>576</td>
<td>1,283</td>
<td>2,989</td>
<td>2,015</td>
<td>350%</td>
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<tr>
<td>Ireland</td>
<td>501</td>
<td>810</td>
<td>1,222</td>
<td>1,738</td>
<td>347%</td>
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<tr>
<td>New Zealand</td>
<td>464</td>
<td>643</td>
<td>987</td>
<td>1,332</td>
<td>287%</td>
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<tr>
<td>Slovenia</td>
<td>369</td>
<td>465</td>
<td>1,000</td>
<td>2,73%</td>
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<tr>
<td>Philippines</td>
<td>1,292</td>
<td>1,522</td>
<td>1,622</td>
<td>3,427</td>
<td>271%</td>
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<tr>
<td>Italy</td>
<td>4,044</td>
<td>8,466</td>
<td>10,678</td>
<td></td>
<td>265%</td>
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<tr>
<td>Indonesia</td>
<td>2,260</td>
<td>5,363</td>
<td>2,437</td>
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<td>264%</td>
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<td>Total</td>
<td>11,766</td>
<td>15,778</td>
<td>12,756</td>
<td>26,636</td>
<td>227%</td>
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How it affects higher education ecosystems?
1. “TVETicizing” the higher education ecosystem
   Inculcating job skills,
   often without life skills
2. Redefining the academic profession

• Slaughter and Rhodes – academic capitalism on the rise
• Kirk – Markets and tech are supplanting academic values
• Postiglione – academic arms race
Actual education broad field data – anonymous institution
Not everything that counts can be measured;
Not everything that can be measured counts.
3. Educating artificially with algorithms
Biometric Access Control with Facial Recognition

- ARJUN GOPAL
- Student
that scans the student’s behavior in the classroom.
The end of human intuition?
"What will happen to society, politics and daily life when non-conscious but highly intelligent algorithms know us better than we know ourselves?"

• Harari, *Homosapians*
RESET YOUR MIND
disrupt the disruptors
takethecityback.com
<table>
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<th>Algorithm</th>
<th>Humarithms</th>
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<tr>
<td>• Focus on STEM</td>
<td>• Focus on HECI</td>
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<tr>
<td>(science, tech,</td>
<td>(humanity, ethics,</td>
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<tr>
<td>engineering, math)</td>
<td>creativity,</td>
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<tr>
<td>• Track and</td>
<td>intuition)</td>
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<tr>
<td>monitor everything</td>
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<td>• Explicit, verified data feeds, facts</td>
<td>• Engage only with what matters</td>
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<tr>
<td>• Knowledge, data, information, efficiency, econometric logic, human capital</td>
<td>• Implicit, holistic, sentient</td>
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<td>• Embodied cognition, emotions, meaning, relationships, wisdom, spirituality</td>
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Higher education is not amenable to any kind of simple input and output analysis of assessing quality.
Encourage students to take an active role in creating the learning process, and make the assessment of students reflects this approach.
Barriers

• Over-regulation
• Micro-Management
• Standardization
Road to success

• Create stable goals
• Develop a culture of risk
• Enable a sense of autonomy/ownership
Essentials

• For enabling environment
  • Academic enquiry and

• For vitality
  • open communication of ideas
  • impersonal criteria for establishing scientific facts
  • peer-review systems so arguments are tested by the best
  • academics have a significant role
  • work for the common good and enlightened public

• For significance
  • Value a diversity of types of intelligences
Stay on the right road
Thank you.
Thank you!