Leading an Innovation Agenda in Education

Presented by:
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No one is immune...

Often it is not the technological innovation itself, but an incumbent’s lack of response or lack of innovation within their response the creates negative outcomes (Tellis, 2006)
Why didn’t Sony invent the iPod?

Net Profit, Sony vs. Apple

<table>
<thead>
<tr>
<th>Year</th>
<th>Sony</th>
<th>Apple</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>-10</td>
<td>-10</td>
</tr>
<tr>
<td>2009</td>
<td>-10</td>
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<td>2010</td>
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<td>-10</td>
<td>-10</td>
</tr>
<tr>
<td>2015</td>
<td>-10</td>
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</table>
No one is immune.....

Higher Education Is Now Ground Zero For Disruption

The future of universities
The digital degree
The staid higher-education business is about to experience a welcome earthquake

Jun 25th 2014 | From the print edition

Teachers launch crowdfunding campaign to open Sandridge School in Port Melbourne

774 ABC Melbourne  By Simon Leo Brown
Posted Tue 10 Feb 2015, 12:30pm

PHOTO: Sandridge School co-founders Sophie Fenton and Dr Jeanne Shaw hope to open their school in this disused soap factory next year.
(774 ABC Melbourne: Simon Leo Brown)

A group of teachers are looking to solve the problem of overcrowding in inner city schools by opening their own.
New rules require new ways of doing things

Innovation is the Key

What is Innovation?

2 Step Process:
1. The creation of new ideas
2. The harnessing of these new ideas to create valuable processes, products and services

Innovation is more than just generating good ideas
Combination of Complementary Knowledge

• Different types of knowledge are needed for invention and harnessing

• Innovation is driven by the combination of complementary resources

• Social networks are key

Example of Apple

• Parallel design

• Interdisciplinary design reviews

• More meetings, not less

• "When the challenges are that complex, you have to develop a product in a more collaborative, integrated way.”
Example of Apple

- “Network Innovation”
- Cultivate contacts with external parties
- Avoid the "not invented here" syndrome
- For example, idea for iPod was originally dreamt up by an external consultant

Social Issues:
- Under-representation of Latinos in healthcare workforce
- Shortage of healthcare practitioners
- Poor education outcomes in Latino communities

Solution:
Chicago’s 1st Health Science Career Academy Secondary School
Violence around Chicago Public Schools

Youth Violence in Chicago

• In 1965, victims from 15-24 years old made up 17 percent of the total [number of homicide victims in Chicago]. In 1975, 29 percent. In 1985, 29 percent. In 1995, 42 percent. In 2005, 40 percent. In 2014, it was 44 percent.

• The change in offender age is pretty similar. In 1965, offenders from ages 15-24 made up about 30 percent of all homicide-level offenders; in 1995, it was about 65 percent.

Veteran Unemployment and Reintegration

**Marching Off to Work**

<table>
<thead>
<tr>
<th>Year</th>
<th>Total veterans</th>
<th>Post-9/11</th>
<th>Persian Gulf War era</th>
<th>WW II, Korea, Vietnam</th>
<th>Other veterans</th>
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</thead>
<tbody>
<tr>
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<td>4%</td>
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<tr>
<td>2008</td>
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<td>8%</td>
<td>8%</td>
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</tr>
<tr>
<td>2009</td>
<td>10%</td>
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<td>10%</td>
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<td>2010</td>
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<td>2011</td>
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</table>

Source: Labor Department | WSJ.com

**“Safe Passage Program”**

- Reintegration of Veterans into Civilian Society
- Employees Veterans to observe student interactions as they walk to and from school

Herman Rainey, the Safe Passage coordinator for Leave No Veteran Behind, waits outside Chicago's Hyde Park Academy High School just before dismissal time.
Thank you

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