



Debra Bell



21<sup>st</sup> Century Homeschooling: The  
Road Ahead



Presented by Debra Bell, Ph.D.  
[DebraBell.com](http://DebraBell.com)



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## 4 Significant Trends



Homeschooling around the world.





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## My Significant Findings:

- ▶ HS students homeschooled longer > School Engagement
- ▶ Older HS students > School Engagement
- ▶ 50% of HS parents are working PT/FT > 10 hrs. wk.
- ▶ HS dads reported feeling isolated
- ▶ My sample was less religious, less conservative than earlier samples.





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A Vision of Students Today:

- ▶ <https://www.youtube.com/watch?v=dGCJ46vyR9o>



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## Digital Natives

- ▶ Born into a digital world vs.
- ▶ Digital Immigrants ( anyone over 30 yrs old)
  - ▶ Facebook (2004), YouTube (2005), Twitter (2006)
- ▶ A3 Learning
  - ▶ Anytime, anywhere, any means learning
  - ▶ On Demand / The end of “regularly scheduled” anything.
- ▶ Rise of homeschooling – because of flexibility
- ▶ End of school/college as we know it within a decade.



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## Jobs of the Future

### Require:

- ▶ Critical Thinking
- ▶ Problem-Solving
- ▶ Technological Innovation
- ▶ Communication Skills
- ▶ Adaptability
- ▶ Will Be Self-Employed and Work From Home

### The Age of the Dart





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## 21<sup>st</sup> Century Skills

- ▶ Collaboration
- ▶ Independent Learning
- ▶ Communication
- ▶ Problem Solving
- ▶ Decision Making
- ▶ Understanding Bias
- ▶ Leadership
- ▶ Questioning
- ▶ Persuasion
- ▶ Goal Setting
- ▶ Sharing the Air
- ▶ Compromise
- ▶ Summarizing



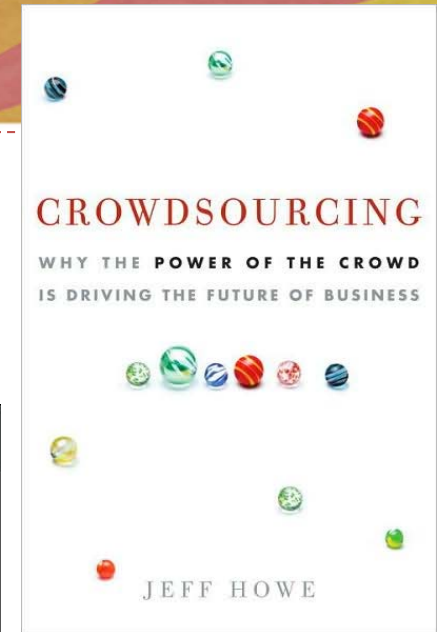
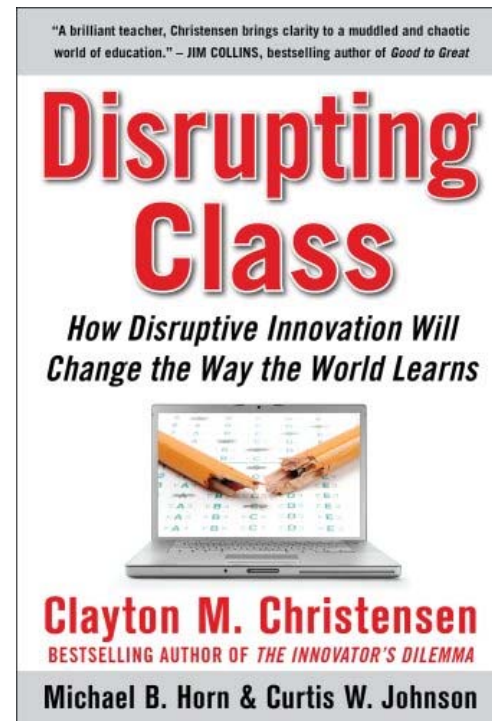


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## Web 2.0

- ▶ Blogs
- ▶ Wikis
- ▶ Social Networking Sites
- ▶ Image sharing
- ▶ Podcasts
- ▶ Culture of Collaboration

### Must read:



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## Popular Web 2.0 Applications

WIKIPEDIA



facebook®



Instagram

You Tube



WORDPRESS



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- ▶ [Sir Kenneth Robinson](#) –RSA Animate “Changing Paradigm”



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# Open Learning Movement **OPEN** COURSEWARE CONSORTIUM

WIKIPEDIA

OPEN CULTURE



The screenshot shows the iTunes U interface with several sections:

- iTunes U**: Click, Sync, Learn. Learn More
- UNIVERSITIES**: Arizona State University, Bowdoin College, Concordia Seminary, Duke, Michigan Tech University, MIT, NJIT, Oita College of Art and Design, Pennsylvania State University, Queen's University, Seattle Pacific University, Stanford, Texas A&M, UC Berkeley, UMBC, University of South Florida.
- HIGHLIGHTS**:
  - OTIS**: Foundation Connections Thru... Ota College of Art and Design
  - Environmental Engineering**: CE390 - Environmental Engine... Michigan Tech University
  - ASU Intro**: Introduction to Exercise Scienc... Arizona State University
  - NewMedia Studio**: Video Features from the New... UMBC
  - Geography of World Cultures**: Geography of World Cultures... Stanford
- QUICK LINKS**: Browse, Power Search, Account, Buy iTunes Gifts, Redem, Support, Complete My Album
- TOP DOWNLOADS**:
  1. Introduction: What is Exist... Hubert Dreyfus
  2. The Geography of World Cu... Barth W. Lewis
  3. The Historical Jreax Syfabus
  4. 1. Technical Aspects of Bio... Professor: Cine Sonerville, Ca...
  5. Kant Peter Gilen
  6. "Feeling" the Onion Thomas Shannon
  7. The Heart of Nonviolence: ... He Horroca, the 14th Dalai Lama
  8. Steve Jobs' 2005 Comm... Steve Jobs
  9. Steve Jobs' 2005 Comm... Steve Jobs
  10. Is Global Farming Real? Cl... Robert Custer



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## Future of the Book from Push Pop Press



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## Best Courseware



Thousands of video lectures from the world's top scholars.



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## Google Docs

### Before:

The screenshot shows the original Google Docs interface. At the top left is the logo "Google Docs & Spreadsheets". To the right of the logo is a greyed-out email address "@googlemail.com" and links for "Docs Home", "Help", and "Sign out". Below the logo, a status bar indicates the document was "saved on August 20, 2007 4:47 PM by Jane Doe". To the right of the status bar are three buttons: "Save", "Save & close", and "Discard changes". Below the status bar is a menu bar with buttons for "File", "Edit", "Insert", "Revisions", "Edit HTML", "Preview", "Print", "Email", "Share", and "Publish". At the bottom is a rich text toolbar with icons for undo, redo, cut, copy, paste, bold, italic, underline, text color, background color, link, unlink, bulleted list, numbered list, indent, outdent, quote, unquote, text color, and a "Style" dropdown menu.

### After:

The screenshot shows the updated Google Docs interface. At the top left is the logo "Google Docs BETA". To the right is the email address "philipp.lenssen@gmail.com" and links for "Docs Home", "Help", and "Sign out". Below the logo, the document title "Umberto Eco" is displayed, followed by the text "saved on February 28, 2008 1:00 AM by Philipp". To the right of the title are buttons for "Preview", "Print", "Email", "Share", and "Publish". Below the title is a menu bar with buttons for "File", "Edit", "Insert", "Revisions", and "Edit HTML". At the bottom is a rich text toolbar with icons for undo, redo, text color, background color, font face (Verdana), font size (10pt), bold, italic, underline, text color, background color, link, unlink, bulleted list, numbered list, indent, outdent, quote, unquote, text color, and a "Style" dropdown menu. The main content area contains the following text:

Wikipedia writes:

"Umberto Eco (born January 5, 1932) is an Italian medievalist, semiotician, philosopher, literary critic and novelist, best known for his novel *The Name of the Rose* (*Il nome della rosa*, 1980), an intellectual mystery combining semiotics in fiction, biblical analysis, medieval studies and literary theory. Recently his 1988 novel *Foucault's Pendulum* has been described as a "thinking person's *Da Vinci Code*,"[1] and was re-issued by Harcourt in March 2007.

Eco is President of the *Scuola Superiore di Studi Umanistici*, University of Bologna. He has also written academic texts, children's books and many essays."

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# Google Scholar

The screenshot shows the Google Scholar interface with search results for 'grant pr'. Annotations include:

- Click On Cited by ... To Find Citing Works**: Points to the 'Cited by' links for the three articles.
- Connect To Princeton's Resources With Findit@PUL**: Points to the 'Findit@PUL' links in the search options for each article.

**Google Scholar BETA**  
Web Images Video News Maps more »  
grant pr Search [Advanced Scholar Search](#) [Scholar Preferences](#) [Scholar Help](#)

**Scholar All articles - Recent articles** Results 1 - 10 of about 1,100,000 for [grant pr](#). (0.15 seconds)

**All Results**  
[P Grant](#)  
[B Grant](#)  
[P Boag](#)  
[H Gibbs](#)  
[T Price](#)

**[BOOK] Ecology and Evolution of Darwin's Finches - all 5 versions »**  
**PR Grant - 1999 - books.google.com**  
Copyright © 1986 by Princeton University Press Published by Princeton University Press, 41 William Street, Princeton, New Jersey 08540 In the United Kingdom: Princeton University Press, Chichester, West Sussex Preface, ...  
[Cited by 495](#) - [Related Articles](#) - [Web Search](#) - [Findit@PUL](#) - [Library Search](#)

**Hybridization of Bird Species - Findit@PUL - all 4 versions »**  
**PR Grant, BR Grant - Science, 1992 - sciencemag.org**  
Hybridization, the interbreeding of species, provides favorable conditions for major and rapid evolution to occur. In birds it is widespread. Approximately one in ten species is known to hybridize, and the true global incidence is ...  
[Cited by 246](#) - [Related Articles](#) - [Web Search](#)

**Unpredictable Evolution in a 30-Year Study of Darwin's Finches - Findit@PUL - all 14 versions »**  
**PR Grant, BR Grant - Science, 2002 - sciencemag.org**  
Evolution can be predicted in the short term from a knowledge of selection and inheritance. However, in the long term evolution is unpredictable because environments, which determine the directions and magnitudes of selection ...  
[Cited by 207](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Connect To Princeton's Resources With Findit@PUL**



## Promethean Planet

Home > Resources > [Themes](#)

### Themed Resources

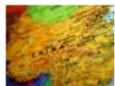
Our Themes section includes compilations of flipcharts, resource packs, weblinks and articles all related to a particular theme or topic.

Themes For February:

- Black History
- French
- Writing & Vocabulary
- Animals

Do you have flipcharts for these topics? Simply [submit them](#) to Planet and yours could be featured on this page.

### Additional Themes



#### [China](#)

Find lots of resources for geography but also sport related flipcharts and some great video resource packs of sport activities.



#### [Manga Shakespeare](#)

Teach your students about the famous love story of Romeo and Juliet with these cutting-edge manga resources.



#### [English as a Second Language](#)

Find practical tips and an abundance of resources for teaching ESL students in your Activclassroom.



#### [Spanish](#)

Watch these great videos in Spanish giving you some ideas for using the Activboard in your Spanish lessons.

[View Complete Collection of Themes](#)



### Animals

Explore the wild side of Planet with this theme on Animals. You can also download our latest resource pack for this theme, *Endangered & Extinct Animals*.

[Learn More](#)



### Writing and Vocabulary

Encourage students to improve their writing by expanding their vocabularies. Here you'll find games, ideas and other resources that will get students excited about words!

[Learn More](#)



### French

Celebrate all things French with new resources for this theme, covering language, food, historical figures, events and much more.

[Learn More](#)



### Black History

Find resources and ideas to teach your students about black history. Lesson topics include slavery, the Civil Rights Movement and more!

[Learn More](#)



### Literature

Explore concepts such as plot and characterization with resources from this theme, covering novels such as *Lord of the Flies* & *Animal Farm*.

[Learn More](#)

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## Tablet Revolution



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# Flattening World





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## What does this mean for you?

- ▶ Within the decade 50% of high school/college classes will be delivered online.
- ▶ Students need to be comfortable learning in a digital environment.
- ▶ Digital Natives do not automatically know how to learn in a digital setting.

