# Innovation in Information: Making a Difference in Higher Education

Presented by Mary Lee Kennedy

To the 97<sup>th</sup> Bibliothekartag

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Knowledge Library Services

## Imagination, Creativity and Innovation

*Imagination* is the image-making power of the mind; the power to create or reproduce ideally an object of sense previously perceived;

Creativity is the production of novel and appropriate (useful) ideas by individuals or by teams;

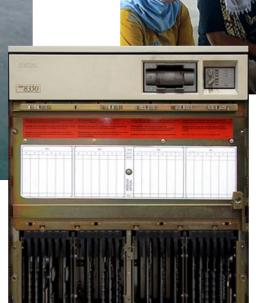
*Innovation* is the successful implementation of those ideas.

Wiktionary: A wiki-based Open Content dictionary. 2008. <a href="http://en.wiktionary.org/wiki/imagination">http://en.wiktionary.org/wiki/imagination</a> Accessed May 28, 2008.

#### Boundaries and Innovation









#### The Choice: Dive or Thrive



It's all because of Franklin. He has terrible business sense, but great leadership skills, and everyone is following him down the road to ruin.

#### The Context of our Work in 2008

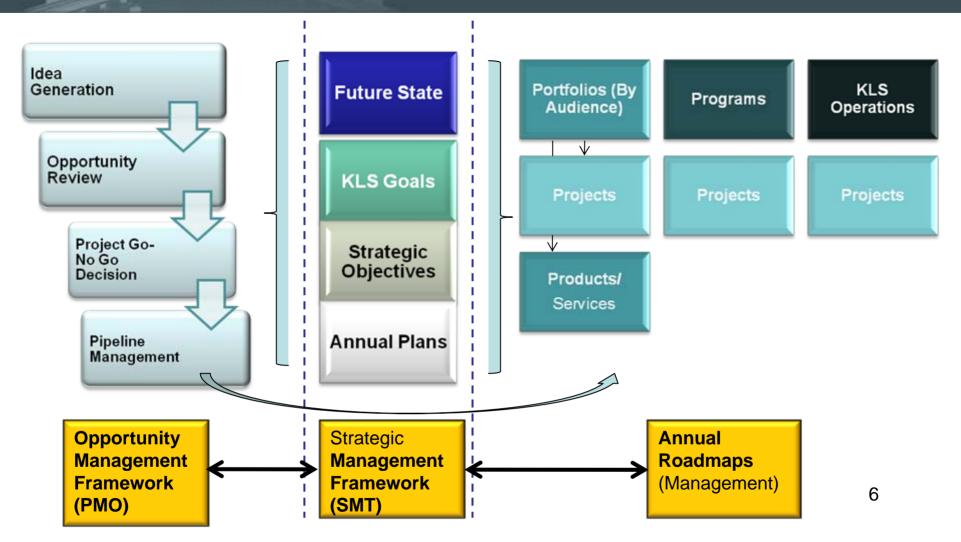
#### **Broad Themes**

- The global economy
- Global demographics
- The nature of organizations
- The ways in which information is created, dissemination, accessed
- The technology used by individuals entering the workforce/ going to University
- The forms in which information and data are visualized and manipulated

#### **Education Themes**

- Globalization of education and business practice
- Interdisciplinary research
- 2+2 applicants
- Personalization of information environment
- Web 2.0 and 3.0
- The way scholars work and publish
- Data, information and what we can do with it
- Changing skills and competencies of information professionals

## **Opportunity Management**



## Stretch

Through a <u>unique combination of expertise and</u> <u>resources</u> KLS connects its customers to the information and knowledge they need for their research, teaching, learning and practice.

"Understand my work and give me the correct information and guidance;

Give me an edge;

Give me convenient access;

I count on you to be a knowledgeable, resourceful, leading practitioner;

Help me manage my information."

## Governance and Metrics: Fit for Purpose

- Faculty
- Students (Doctoral, Executive Education, MBA, other Graduate, Undergraduate)
- Alumni
- Staff
- Public

#### Research support

- Library services web site
- eBaker
- Course support
  - BBOP Knowledge Center
  - Information research skill development
- Knowledge sharing
  - Working Knowledge (as topic feeds too)
  - Historical Collections outreach
- Web development and maintenance
  - www.hbs.edu
  - Usability and Web analytics
- Information management
  - Knowledge asset management
  - Indexing, thesaurus development, meta data management

## Leadership in Information Innovation

#### Priorities in FY08:

- Integrate our work into the research and course support of the School
- Create a <u>breakthrough contribution</u> to the School's Centennial celebration
- Create a <u>sustainable management process</u> for the School's knowledge assets

#### **New Course Support Model**

Enhance

 Provide Information: Course links to articles, Database training, Student research consultations, Resource pages/wikis, Research guides, Case updates

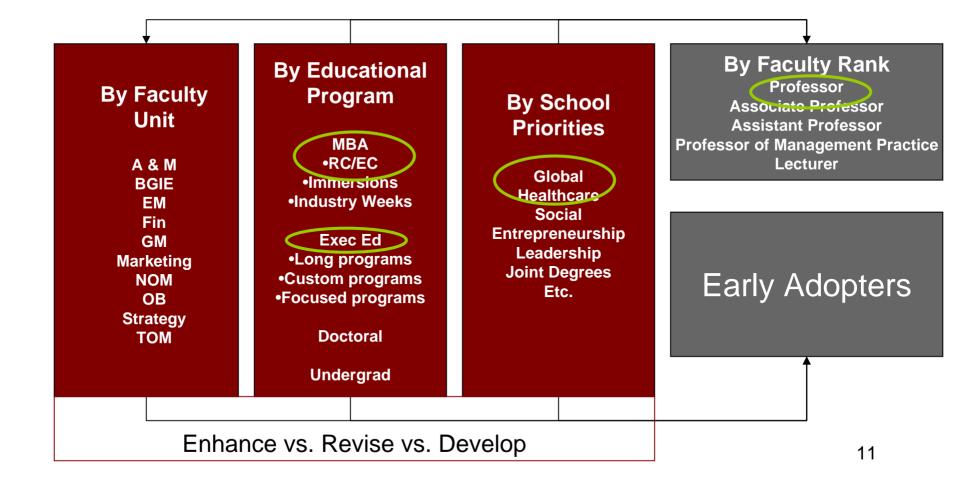
Revise

 Position Information: Research skill development aligned with learning objectives, Exercises, Activities, Paper positioning based on course objectives

Develop

 Integrate Information: Course context, Learning objective & teaching point hooks, Content development, Learning activities, Learning resources, Information rubrics, Assessment and evaluation

## Course Support Approach



## New View on History

HARVARD

BUSINESS SCHOOL



100 YEARS

Search

GO





## Inquiry & Innovation

"What Makes A Profession?"
Join us in the debate. This
multimedia experience
explores the questions and



#### Community Narratives

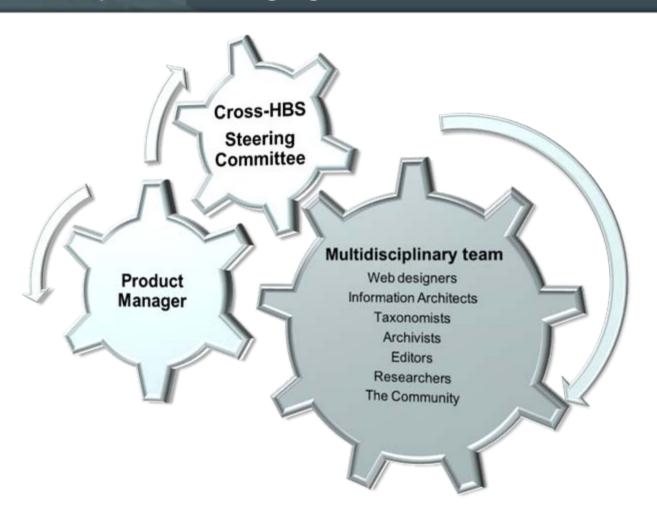
Explore the experiences of the HBS community through interviews with HBS leaders, alumni, students, and staff...



#### Photo Gallery

View an extensive collection of photos showing the HBS campus and community members from the early 20th

## **IM Community-wide Engagement**



#### What We Can Learn

- Invention is a process of recombinant search
  - Increase the number of attempts
  - Maximize average success rate
  - Increase the diversity of the efforts on a richer set of opportunities
- The most important drivers of innovation are the organization's culture and people.
  - Incentives, openness to risk, plans for dealing with failure
- The most important sources of innovation are the end-users.
- Innovation performance depends more on leadership than on a dedicated team
- Innovation is governed
  - Definition of themes for crucial breakthrough innovations
  - Where to focus innovation on existing products and processes
- Use metrics
  - input-related metrics, process-focused metrics, and output-focused metrics

## Opportunities for Information Professionals

#### Leadership in information...

#### Creation

- Collaboration
- Embedded documents
- · Mixed media
- Social software
- Tagging
- ....

#### Storage

- Data curation
- Digital preservation
- · Meta data
- Taxonomy
- Digitization
- ...

#### Presentation

- · Text mining
- Semantic Web
- Visualization
- Retrieval
- Summarization
- · "Infostructure"
- eLearning
- ...

#### Dissemination

- Open Access Social tagging
- RSS, blogs, podcasts
- In situ integration
- Reference
- Instruction
- ...

#### Use

- Mobile devices
- Personalization
- Information overload
- · Authority
- Derivatives
- Intellectual property rights
- ...

And all the policies, processes and practices that make it happen

#### **Priorities in FY09**

- Knowledge collaboration suite of products and services
  - Web and Intranet 2.0 (and 3.0?)
  - Knowledge asset management program
    - Self-service tools

## What Will You Do?

"It is important for the common good to foster individuality: for only the individual can produce the new ideas which the community needs for its continuous improvement and requirements – indeed, to avoid sterility and petrification".

Albert Einstein

## Thank You

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"We support Harvard Business School's mission by enabling the creation and exchange of ideas, expertise and information".