

# The Changing Landscape of American and Malaysian Higher Education

**Universiti Malaysia Sarawak**

**Kuching, Malaysia**

**March 17, 2011**

**James L. Morrison**

**Professor Emeritus of Educational Leadership**

**UNC-Chapel Hill**

**<http://horizon.unc.edu>**

# Change Drivers

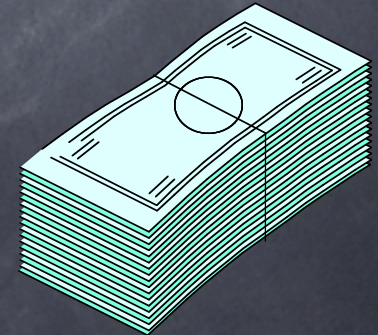
- ▶ Demographics
- ▶ Globalization
- ▶ Economic Restructuring
- ▶ Information Technology

# Demographic Change Drivers

- ▶ Ethnic identification mix is changing
- ▶ Age structure is changing
- ▶ Nature of students is changing
- ▶ Demand for access is increasing

# Economic

- ▶ Globalization
- ▶ Economic Restructuring
- ▶ Downsizing



Constant training, retraining,  
job-hopping, and even career-  
hopping is the norm.



# Graduates Must Be Able To

- ▶ Function in a global economy for job success in the 21st century
- ▶ Work effectively with people from different cultural backgrounds
- ▶ Work as a team member
- ▶ Use information technology tools effectively
- ▶ Function creatively and innovatively
- ▶ Access, analyze, process, and communicate information
- ▶ Engage in continuous, independent learning

# What Lies Ahead in Technology

- ▶ Diminution (Nanotechnology/micromachines)
- ▶ Wireless networks/Wireless Web/Wi-Fi
- ▶ Low-earth-orbit satellites
- ▶ Global cyberinfrastructure
- ▶ Mobile
- ▶ Social networks
- ▶ Electronic books
- ▶ Simulations
- ▶ Virtual reality
- ▶ Expert systems



# Pew Learning and Technology Program

- ▶ BYU
- ▶ Drexel
- ▶ Florida Gulf Coast



# The Internet Assists Educators To:

- ▶ Center learning around the student
- ▶ More intensive interaction about authentic data
- ▶ Focus on the strengths of individual (and more diverse) learners around the globe
- ▶ Make lifelong learning a practical reality

# The Changing Higher Ed Environment

- ▶ Certification monopoly at risk
  - ▶ employers concerned about competency
  - ▶ employers relying less on diplomas
- ▶ Outcomes assessment coming on line
  - ▶ Western Governors University
  - ▶ Accreditation agencies
- ▶ New competition
  - ▶ Traditional “service areas” fair game
  - ▶ New for-profit educational providers

# The Changing Higher Ed Environment

- ▶ The “bookless” campus
- ▶ e-Libraries
  - ▶ NetLibrary
  - ▶ Questia
  - ▶ XanEdu
  - ▶ Jones e-global Library
- ▶ Services
  - ▶ 24-7 reference desks
  - ▶ Online chat book advice
  - ▶ e-Book reading devices on loan

# The Calendar

- ▶ Rio Salado College in Phoenix
- ▶ The University of Phoenix

# Old Paradigm

- ▶ Faculty: lecture
- ▶ Faculty responsible for content, media, assessment
- ▶ Faculty role = actor
- ▶ Student role = empty vessel

# New Paradigm

- ▶ Faculty: projects
- ▶ Faculty work as part of instructional team
- ▶ Faculty role = director
- ▶ Student role = knowledge creator

# Old Paradigm

- ▶ Semester/tri-  
mester/quarter
- ▶ Set enrollments  
(e.g., once a year)
- ▶ Institutions act  
independently

# New Paradigm

- ▶ Varying lengths of  
time for learning  
modules
- ▶ Continuous enrollments  
(e.g., once every two  
weeks)
- ▶ Institutions act with  
partners

# Old Paradigm

- ▶ Degrees based on credit hours
- ▶ Information transfer via classrooms/library
- ▶ Libraries: stacks
- ▶ Textbooks

# New Paradigm

- ▶ Degrees based on competency exams
- ▶ Information transfer anytime, anywhere
- ▶ Libraries: Starbucks
- ▶ e-books

## Old Paradigm

- ▶ Print publication the primary mode of information transfer
- ▶ Publications refereed via professional associations and commercial publishers

## New Paradigm

- ▶ Institutions publish professors' papers, drafts, notes via open Web access
- ▶ Institutions sponsor their professors' manuscripts to refereed Web-based open access professional journals
- ▶ Free online publication as prominent as paid print publications



How do we assist  
educators meet the  
challenges of the new  
paradigm?

# References

- ▶ The University is Dead! Long Live the University!  
<http://horizon.unc.edu/conferences/interview.html>
- ▶ Using a Futures Approach in Organizational and Instructional Development  
<http://horizon.unc.edu/projects/seminars/ELME.html>

# e-Learning Resources for the new paradigm

- ❖ University Learning = OCW + OER = FREE! <http://tinyurl.com/5hcd5o>
- ❖ Free Learning Tools <http://tinyurl.com/48m5ur>
- ❖ PLENK (Personal Learning Environments and Knowledge Networks) <http://tinyurl.com/3xdbmpk>

# Discussions related to using Technology-Enabled Active Learning Strategies (TEALS)

- In Asia (<http://tinyurl.com/66j3we4>)
- In the Middle East (<http://tinyurl.com/647ubwq>)
- In a discussion focusing on faculty resistance to TEALS (<http://tinyurl.com/64mzkmo>).

This presentation is  
available at

[www.horizon.unc.edu](http://www.horizon.unc.edu)