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# **TODAY'S COLLEGE STUDENTS AND THE CAMPUSES THEY NEED**

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# HIGHER EDUCATION MISSION

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**Facilitate Communication  
Between  
Teachers and Students**

# ENHANCING COMMUNICATION

- × Today's students
- × Today's faculty
- × Infrastructure implications
  - + The Learning Spaces
    - × Instructional
    - × Study
    - × Support
- × Larger campus issues
- × Policy Issues

# TODAY'S STUDENTS

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- × The *Millennials* (born 1982-2002)
  - + Not just a US phenomenon
  - + A trend, not a description
  - + Baby Boomers, Gen X, Millennials
  - + Special and Sheltered
  - + “Team” oriented – do things together
  - + More goal-oriented; less interested in the “journey”

Reference: *The Millennials Go to College* (Howe & Strauss)

# TODAY'S STUDENTS (CONT'D.)

## × *Learning Style:*

- + Multi-tasking, 24/7
- + Prefer knowing how to find information to having the information.
- + “Seeking, sieving, synthesizing” NOT “absorbing”
- + More interested in “creating” than “understanding”
- + Digitally Comfortable and Connected:  
35% of 18-24 age group in Colombia on Facebook.  
About 25% of this age group is in college.

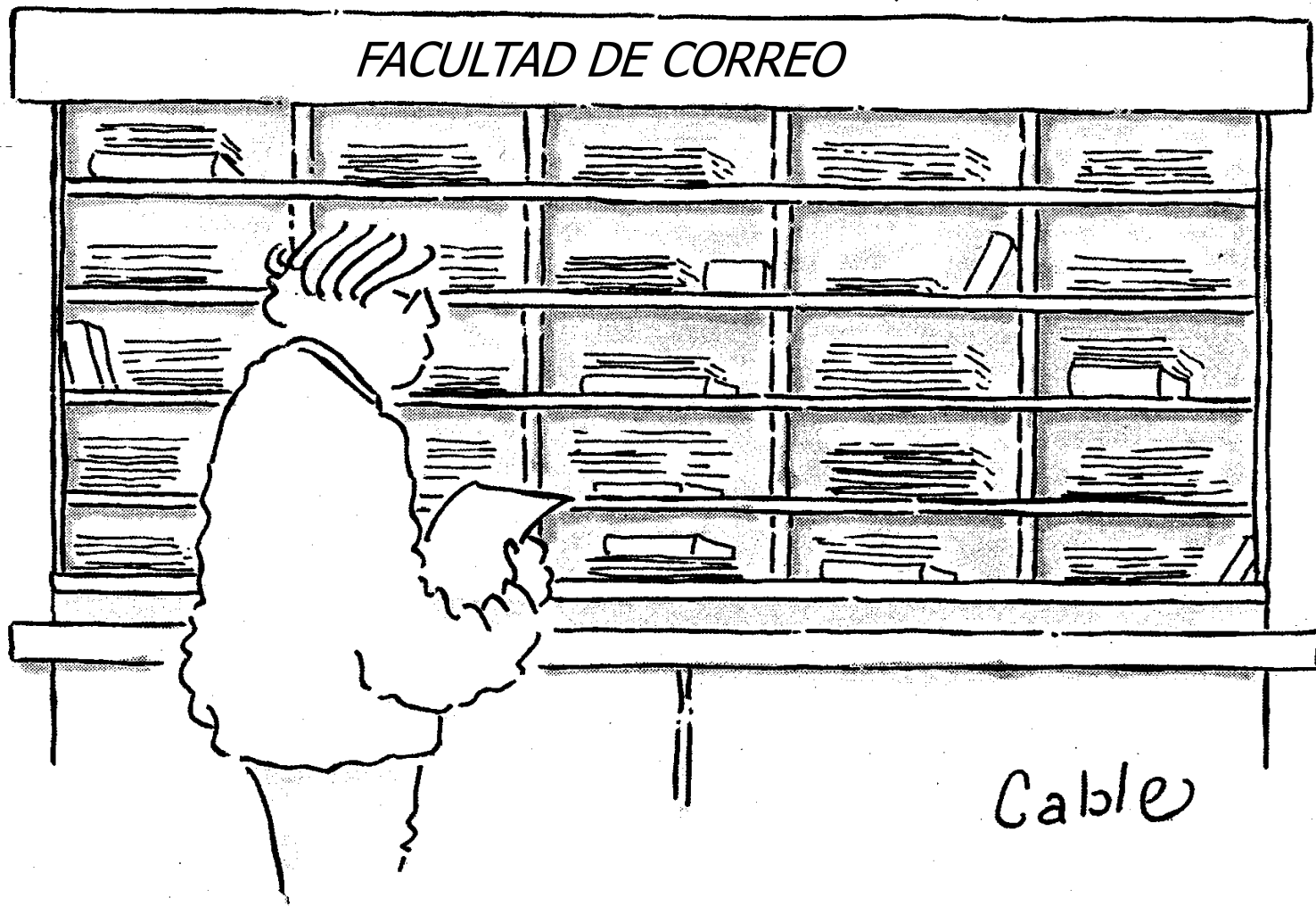
# TODAY'S FACULTY

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## × Continuum from

### + “So 20<sup>th</sup> Century:”

- × Lectures, office hours, textbooks
- × Maybe over-head projector or *PowerPoint*
- × Student perception: Brilliant (but not *relevant*)
- × Not necessarily age-related
- × Not necessarily in “non-technical” disciplines



THE CHRONICLE OF HIGHER EDUCATION

CAROLE CABLE

*Prof. Blanco: Por favor, lea su email.*

JULY 17, 1998



FORO NACIONAL DE LA  
CALIDAD EDUCATIVA  
2010



# TODAY'S FACULTY

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× To

+ “Now:”

- × Instructional software; Online references; Simulations; Interact with students via email, text, Facebook, and “tweets”
- × Student perception: “Cool,” “Communicates with us”
- × “Sage on the Stage” vs. “Guide on the Side”

# INFRASTRUCTURE NEEDS

## × Instructional Spaces

### + Flexibility and Adaptability

- × Flat floors
- × Moveable and Changeable furniture



Hagerstown  
Community College

# INFRASTRUCTURE NEEDS

- × Instructional Spaces (cont'd.)
  - + Power and telecom everywhere
  - + If large lecture halls are used, provide break-out spaces
  - + The rigid class schedule is slowly disappearing
  - + Hybrid classes



Babson College  
Massachusetts

# INFRASTRUCTURE NEEDS

## × Study Space

- + Big reading rooms not so popular—become “lounges”
- + Six- to ten-seat study/meeting/social rooms preferred; glass walls fine
- + Access to amenities
- + “Huddle” spaces with AC power



# INFRASTRUCTURE NEEDS

## ✦ Libraries

- + Books & printed journals necessary for archives
- + Task-sharing
- + Electronic information access –  
Get anything, anywhere, anytime
- + Flexible

Johnson Center  
--GMU



# INFRASTRUCTURE NEEDS

## × Support Space

### + Tutorial Assistance (Students will ask for it)

- × Faculty offices that can accommodate a few students, or convenient meeting spaces near offices
- × Break-out rooms
- × Writing and Mathematics Centers with tutors.



BYU

# INFRASTRUCTURE NEEDS

- × Support Space (cont'd.)

- + Support is expected by students

- × Academic Advising

- × Personal or Group Counseling

- × Career Advisement & Support



NVCC Loudoun

# THE CAMPUS

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## × University environment

- + Greater sense of community
- + A place to live as well as learn
- + Needs more “programming”
- + Based on full-time “baccalaureate plus” student
- + Sense of tradition and lineage (e.g., Oxford, Salamanca, Sorbonne, Bologna)

# THE CAMPUS

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- × Technical and Technological
  - + More accessible (CERES)
  - + More practical – address current occupational needs
  - + Many part-time and returning students
  - + More flexible – can change curricula more easily
  - + More likely to use existing spaces: corporate, high schools, etc.

# THOUGHTS ON POLICY

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- × Visionary leadership willing to invest (Vision 2019)
- × *Plan* the structure of Education
  - + Pre-K – 16
  - + Life-long
- × Build the infrastructure
- × Establish links from end-to-end
- × Experiment with new ideas (ludotecas, megacolegios, etc.)