ACCESSIBILITY TOOLBOX WEBINAR SERIES

STUDENT EXPERIENCE & UNIVERSAL DESIGN FOR LEARNING

Presented by Jessica Lopez
Who I Am

Sophomore at Coastline College.

Triple-majoring in Business, Economics, and Communication.

Former Treasurer of Region VIII of the SSCCC.

Disability rights advocate and consultant.
of all Americans live with disabilities.
1 in 5 of all undergraduate students in America live with disabilities.
Undergrad Graduation Rates

Non-disabled students (62%)

Disabled students (34%)
**Why Don't Disabled Students Graduate?**

<table>
<thead>
<tr>
<th>Inflexibility</th>
<th>School may not accommodate health and other needs.</th>
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<tr>
<td>Inaccessibility</td>
<td>College can be inaccessible to those with disabilities.</td>
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<td>Lack of Inclusion</td>
<td>Students don't feel higher educations is accepting of people like them.</td>
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<tr>
<td>Overlooked</td>
<td>Colleges often overlook disabled students.</td>
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What Students Want

Want Online Learning
75%

25%
What would happen if we reevaluated education?
Momentum
Build momentum toward greater access.

Organize
Greater collaboration between groups for disability inclusion.

Value
Disabled people's lived experiences.

Emphasize
The disabled student population and their perspectives.
The Benefits of Online Learning

Unrestricted Learning
Learning is no longer localized to a specific time and place.

New Learning Modalities
Interactive online media is native to young people, we can leverage it.

The Benefits of Online Learning
Online education isn't just "plausible," it's necessary.

The Benefits of Online Learning
RE-EDUCATE

- Spring 2022 had 50% more enrollments in online courses than in-person.
- Show school leaders the value of online learning.

Building Universal Design
RESTRICTURE

• Leverage Competency-Based Education (CBE).
• Build more flexibility and pathways to completion.

Building Universal Design
Building Universal Design

**RESEARCH**

- Conduct dedicated research programs and tracking systems to study online education and underserved students.
STANDARDIZE

- Enforce definitions of online degrees and hybrid.

Building Universal Design
Universal Design for Learning

- Variety of learning modalities (UDL 1)
- Varied assignments and demands (UDL 8.2)
- Increased access to tools & tech (UDL 4.2)
- Availability of mixed media (UDL 5.1)
Variety of Learning Modalities (UDL 1)

- Adapt for all learning styles
- Offer the same content in alternative formats
- Allow for adjustments and alterations
Varied Assignments and Demands
(UDL 8.2)

VISUAL-BASED ASSIGNMENTS

MASTERY-BASED QUIZZES

TEXT-BASED & WRITTEN ASSIGNMENTS
Increased Access to Tools & Tech

(UDL 4.2)

- Leverage online OER's
- Make content WCAG accessible
- Leverage online games & simulations
Availability of Mixed Media

(UDL 5.1)

- Use text, film, speech, art, movement, etc
- Interactive content, live Zoom lectures
- Powerpoints, outlines, text, videos, social media
<table>
<thead>
<tr>
<th>Myth</th>
<th>Details</th>
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<tbody>
<tr>
<td>Online learning is basically teaching yourself</td>
<td>Cheating occurs more often online than in person</td>
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<tr>
<td>You can’t teach “hands-on” disciplines online</td>
<td>You can’t interact with classmates</td>
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Myths About Online Education

Online learning:
- *Can* replicate in-person interaction.
- Can be asynchronous *and* synchronous at once.

How to pull it off:
- Host optional Zoom lectures and related homework for extra credit. Let students choose modalities.
- Post multiple reminder announcements weekly.
- Let students know what to expect ahead.
Myths About Online Education

- There is no solid evidence that cheating occurs more often online.
- Most headlines about increased cheating are simply surveys about professor *perceptions*.
- There's evidence of *less* cheating in online courses.
Myths About Online Education

YOU CAN'T TEACH "HANDS-ON" DISCIPLINES ONLINE

INTERACTIVE ONLINE PROGRAMS FOR DIGITAL LEARNING
- Pearson MyLab
- WileyPLUS
- Lumen Learning
- MyOpenMath

LEVERAGE HOME EXPERIMENTS, SCIENCE KITS, 3D MODELS, SIMULATIONS, GAMES, AND THE METAVERSE.
Myths About Online Education

You can’t interact with other classmates

Interaction is based on community-building work.
Students want to interact with each other.

How to pull it off:
• Leverage discussion boards.
• Increase collaboration, leverage synchronous Zoom meetings.
#1 Myth About Online Education

- Studies show no significant difference in grades.
- Online learning can accelerate education.
- New media formats are always adjusted to and embraced in time.
BIG BREAKTHROUGHS HAPPEN WHEN WHAT IS SUDDENLY POSSIBLE MEETS WHAT IS DESPERATELY NECESSARY.

THOMAS FRIEDMAN