

ACCESSIBILITY TOOLBOX
WEBINAR SERIES

STUDENT EXPERIENCE & UNIVERSAL DESIGN FOR LEARNING

Presented by Jessica Lopez



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- Triple-majoring in Business, Economics, and Communication.
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- Disability rights advocate and consultant.

JESSICA LOPEZ

Vice President of Coastline Associated
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Who I Am



of all Americans live with disabilities.

1 in 5

of all undergraduate students
in America live with disabilities.



Undergrad Graduation Rates



Why Don't Disabled Students Graduate?

Inflexibility

School may not accommodate health and other needs.

Inaccessibility

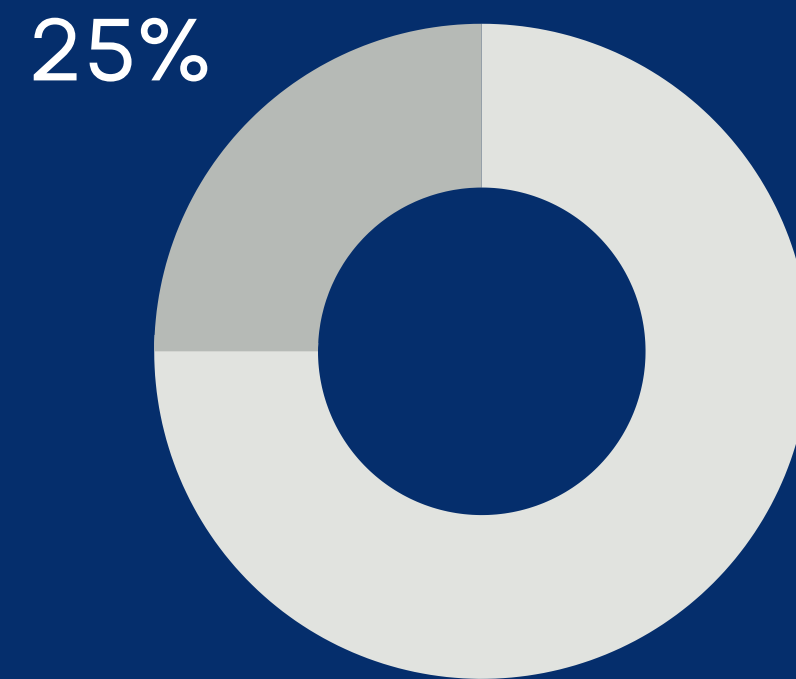
College can be inaccessible to those with disabilities.

Lack of Inclusion

Students don't feel higher education is accepting of people like them.

Overlooked

Colleges often overlook disabled students.



Want Online Learning
75%

What Students Want



**What would happen
if we reevaluated
education?**

Momentum

Build momentum
toward greater access.

Organize

Greater collaboration
between groups for
disability inclusion.

MOVE

Value

Disabled
people's lived
experiences.

Emphasize

The disabled student
population and their
perspectives.



Unrestricted Learning

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



New Learning Modalities

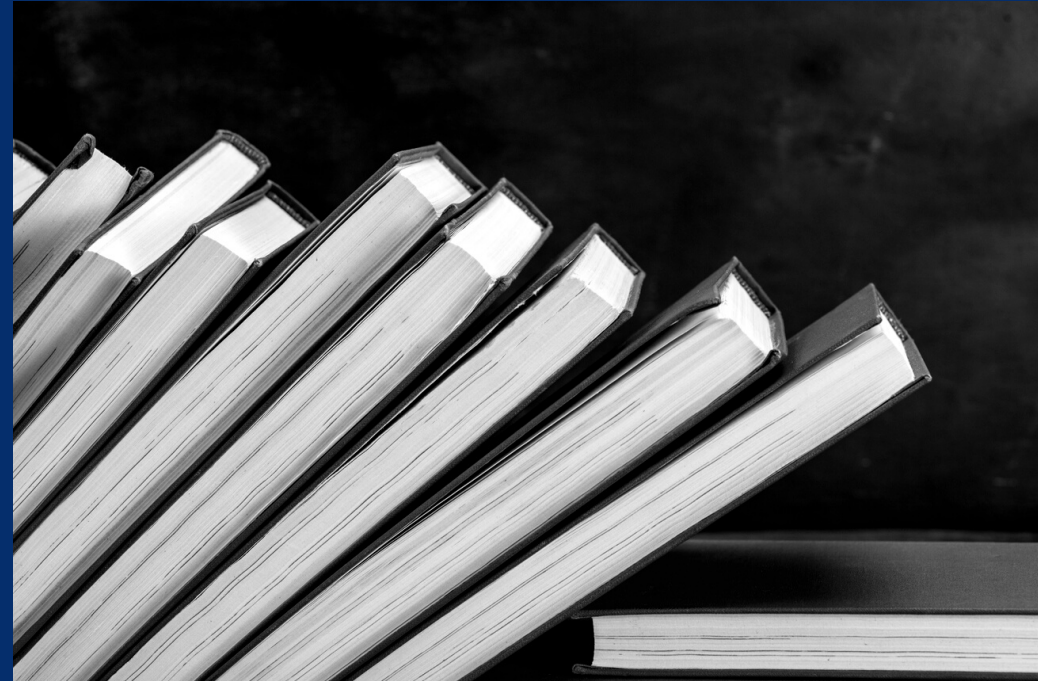
Interactive online media is native to young people, we can leverage it.

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



RESTRUCTURE

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

Building Universal Design



RESEARCH

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

Building Universal Design



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**

Myths About Online Education



**ONLINE
LEARNING IS
BASICALLY
TEACHING
YOURSELF**



**CHEATING
OCCURS MORE
OFTEN ONLINE
THAN IN PERSON**



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



**YOU CAN'T
INTERACT WITH
CLASSMATES**

Myths About Online Education



**ONLINE
LEARNING IS
BASICALLY
TEACHING
YOURSELF**



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



**CHEATING
OCCURS MORE
OFTEN ONLINE
THAN IN PERSON**



- 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



**ONLINE
LEARNING IS
HARMFUL**



- Studies show no significant difference in grades.
- Online learning can accelerate education.
- New media formats are always adjusted to and embraced in time.

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**BIG BREAKTHROUGHS HAPPEN WHEN
WHAT IS SUDDENLY POSSIBLE MEETS
WHAT IS DESPERATELY NECESSARY.**

THOMAS FRIEDMAN