FACULTY PREDICT THE FUTURE (AND LEARN FROM THE PAST)

ONLINE LEARNING CONSORTIUM
APRIL 23, 2024

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Bay View Analytics offers a comprehensive suite of consulting services in survey design and statistical research. Our services build on nearly two decades of research design, sampling, survey design, and statistical analysis expertise.

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Director of Research

Jeff Seaman, Ph.D.
Director
• Data Sources
• Has the glow dimmed for online teaching?
• How will Artificial Intelligence change teaching? Do faculty think their institution is ready?
• How optimistic are faculty about the future?
• What barriers are students facing?
• Discussion, Q+A
DIGITAL LEARNING PULSE SURVEYS

ACCT  wcet  UPCEA  CENGAGE

COLLEGE PULSE  HERDI  PHI THETA KAPPA HONOR SOCIETY  OLC

everylearner everywhere  USDLA  ACUE

Spring 2020  Summer 2020  Fall 2020  Spring 2021  Fall 2021  Spring 2022  Fall 2022  Fall 2023

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HAS THE GLOW DIMMED FOR ONLINE TEACHING?
SETTING THE STAGE: ONLINE LEARNING

Source: National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS)
Setting the Stage: Expected

Following trends:
- 74% On-campus
- 13% Both
- 13% Distance

COVID-19 Pandemic

Fall Enrollment 2012 to 2022 (as it might have been)
Overall enrollment close to expected but many more distance students

74% On-campus
13% Both
13% Distance

63% On-campus
20% Both
17% Distance

46% On-campus
28% Both
26% Distance
In Fall of 2020 a majority of faculty reported that they had a more optimistic view of online learning than prior to the pandemic.
FACULTY OPTIMISM MAY BE FADING

Change in Opinion about Online Learning

<table>
<thead>
<tr>
<th></th>
<th>More optimistic</th>
<th>No change</th>
<th>More pessimistic</th>
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<tbody>
<tr>
<td>Fall 2020</td>
<td>51%</td>
<td>35%</td>
<td>15%</td>
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<tr>
<td>Fall 2021</td>
<td>56%</td>
<td>29%</td>
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<tr>
<td>Spring 2021</td>
<td>53%</td>
<td>29%</td>
<td>18%</td>
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<tr>
<td>Fall 2022</td>
<td>42%</td>
<td>41%</td>
<td>17%</td>
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<tr>
<td>Fall 2023</td>
<td>20%</td>
<td>48%</td>
<td>33%</td>
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Faculty desire to teach online is waning

Option to teach some of my courses in a fully-online format.

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<tr>
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<th>Fall 2021</th>
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<th>Fall 2022</th>
<th>Fall 2023</th>
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</thead>
<tbody>
<tr>
<td>Strongly agree</td>
<td>42%</td>
<td>44%</td>
<td>41%</td>
<td>15%</td>
</tr>
<tr>
<td>Somewhat agree</td>
<td>23%</td>
<td>19%</td>
<td>19%</td>
<td>20%</td>
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FUTURE PROBLEMS?

ADDING ONLINE COURSES IS THE NUMBER ONE APPROACH TO DEAL WITH DECLINING ENROLLMENTS

Address enrollment concerns

- Add online classes: 37%
- Redesign to improve retention: 26%
- Add hybrid classes: 17%
- All other: 21%
How will Artificial Intelligence change teaching?
How much will Artificial Intelligence (AI) tools change your institution over the next five years?

- A massive amount: 10%
- Considerable change: 14%
- A moderate amount: 40%
- Some small changes: 31%
- Little or no change: 5%

FACULTY EXPECT AI TO CHANGE THEIR INSTITUTION
AI EXPECTED TO IMPACT MULTIPLE AREAS

“The other piece is the impact of AI in the classroom and student learning. I am for embrace what’s here. It’s not going to go away. We’re going to have to figure out ways to use it. Why fight it? Just embrace it and use it as a tool.”

VP, Student Services
Faculty at two-year schools believe their institutions are less well prepared than those at four-year schools.

- **Two Year**: 84%
- **Four Year**: 77%
How optimistic are faculty about the future?
In Fall of 2020 most faculty were expecting small to moderate changes for their future teaching. Only a few thought there would be no changes or that future teaching would be very different.
VIRTUALLY ALL FACULTY EXPECT CHANGES

Faculty Expectations For Future Teaching

- Fall 2020: 8% Very different, 39% Number of changes, 41% Small changes
- Fall 2021: 16% Very different, 41% Number of changes, 32% Small changes
- Spring 2022: 19% Very different, 42% Number of changes, 35% Small changes
- Fall 2022: 19% Very different, 45% Number of changes, 32% Small changes
- Fall 2023: 12% Very different, 35% Number of changes, 42% Small changes
I feel like part of the community at my institution
Faculty like their interactions with students

The quality of your interactions with the following people at your institution:

- **Students**: 78% Excellent, 21% Good, 1% Poor
- **Other Faculty**: 50% Excellent, 43% Good, 7% Poor
- **Student Services**: 34% Excellent, 52% Good, 13% Poor
- **Other Administrative staff**: 39% Excellent, 45% Good, 16% Poor
HIGH GRADES FOR TECHNOLOGY

How effectively the technology worked

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<tbody>
<tr>
<td>Spring 2021</td>
<td>31%</td>
<td>49%</td>
<td>17%</td>
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<tr>
<td>Fall 2021</td>
<td>40%</td>
<td>45%</td>
<td>12%</td>
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<tr>
<td>Spring 2022</td>
<td>41%</td>
<td>47%</td>
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<tr>
<td>Fall 2022</td>
<td>45%</td>
<td>43%</td>
<td>10%</td>
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<tr>
<td>Spring 2023</td>
<td>40%</td>
<td>46%</td>
<td>10%</td>
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WHAT BARRIERS ARE STUDENTS FACING?
FACULTY PERCEPTIONS: BARRIERS FOR STUDENTS

To what degree are the following issues a problem for your students?

- Feelings of stress: 62% A great deal, 31% Somewhat
- Student financial issues: 60% A great deal, 33% Somewhat
- Balancing of work with academics: 55% A great deal, 38% Somewhat
- Student's level of motivation: 52% A great deal, 38% Somewhat
- Student work issues: 47% A great deal, 46% Somewhat
- Family or health issues: 43% A great deal, 49% Somewhat
- Other (non-academic) support: 31% A great deal, 49% Somewhat
- Academic support: 18% A great deal, 55% Somewhat
- Ability to enroll in the courses needed: 13% A great deal, 41% Somewhat
- Technology issues: 11% A great deal, 57% Somewhat
STUDENT PERCEPTIONS: STRESS AS A BARRIER

To what degree are feelings of stress a problem for you?

- 83% stressed
- 45% Somewhat
- 38% A great deal
- 13% Not at all
- 4% N/A

83% stressed
Students cite stress as their most pressing barrier, with a major reporting that they are suffering a “Great deal of stress.”

A third of students are unaware of any institutional supports.

Forty percent are aware but chose not to use the supports.

The small portion using the services generally find them to be effective.
QUESTIONS?

Reports:
https://www.bayviewanalytics.com/pulse.html
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