Messiah College Results from the 2012 EDUCAUSE Center for Applied Research (ECAR) Student Study

“Students and Information Technology in Higher Education, 2012”

Laura Miller
November 2012
• 2012 Spring Semester
• 989 Undergraduate Students
Auburn University
Ball State University
Baylor University
Boise State University
Brandeis University
Brazosport College
Bridgewater State University
Bryant & Stratton College - Albay, NY
Bryant & Stratton College - Amherst, NY
Bryant & Stratton College - Bayshore, WI
Bryant & Stratton College - Buffalo, NY
Bryant & Stratton College - Cleveland, OH
Bryant & Stratton College - Eastlake, OH
Bryant & Stratton College - Greece Campus - Rochester, NY
Bryant & Stratton College - Hampton, VA
Bryant & Stratton College - Henrietta Campus - Rochester, NY
Bryant & Stratton College - Milwaukee, WI
Bryant & Stratton College - Parma, OH
Bryant & Stratton College - Richmond, VA
Bryant & Stratton College - Southtowns Campus - Orchard Park, NY
Bryant & Stratton College - Syracuse North Campus - Liverpool, NY
Bryant & Stratton College - Syracuse, NY
Bryant & Stratton College - Virginia Beach, VA
Bryant & Stratton College - Wauwatosa, WI
Bucks County Community College
Butler University
California State University, East Bay
California State University, Fullerton
California State University, Monterey Bay
California State University, Sacramento
Catawba College
Central Connecticut State University
Central Michigan University
Chandler Gilbert Community College
Clemson University
College of Saint Benedict/Saint John's University
Colorado College
Columbia University
Coppin State University
DeVry University
Drew University
Drexel University
Dublin City University
Dublin Institute of Technology
Embry-Riddle Aeronautical - Prescott Campus
Embry-Riddle Aeronautical University
Embry-Riddle Aeronautical University - Worldwide
Emory University
Estrella Mountain Community College
Franklin W. Olin College of Engineering
Furman University
GateWay Community College
Georgia Gwinnett College
Georgia Southern University
Glendale Community College
Grand Rapids Community College
Hamilton College
Indiana University
Indiana University-Purdue University Indianapolis
Johnson & Wales University
Keene State College
Lillehammer University College
Louisiana State University
Mesa Community College
 Messiah College
 Miami University
 Michigan State University
 Middle Tennessee State University
 Millersville University of Pennsylvania
 Missouri University of Science and Technology
 New Jersey Institute of Technology
 North Greeneville University
 Paradise Valley Community College
 Passaic County Community College
 Pepperdine University
 Phoenix College
 Portland State University
 Purdue University
 Red River College
 Rio Salado College
 Saint Mary's University of Minnesota
 San Diego State University
 San Francisco State University
 San Jacinto College Central
 San Jacinto College North
 San Jacinto College South Campus
 Scottsdale Community College
 Seton Hall University
 Skidmore College
 South Dakota State University
 South Mountain Community College
 Stevens Institute of Technology
 Syracuse University
 Texas Wesleyan University
 The Johns Hopkins University
 The Ohio State University
 The Ohio State University at Lima Campus
 The Pennsylvania State University
 The University of Memphis
 The University of South Dakota
 Tufts University
 Universidad de Deusto
 University of Arkansas
 University of Colorado Denver
 University of Delaware
 University of Florida
 University of La Verne
 University of Louisville
 University of Maryland
 University of Maryland, Baltimore County
 University of Michigan-Ann Arbor
 University of Mississippi
 University of Missouri
 University of Nevada, Las Vegas
 University of New Hampshire
 University of New Mexico
 University of North Carolina at Pembroke
 University of North Carolina Charlotte
 University of Oregon
 University of St. Thomas
 University of Tulsa
 University of Washington
 University of West Florida
 University of West Georgia
 University of Wisconsin-Eau Claire
 University of Wisconsin-Green Bay
 University of Wisconsin-La Crosse
 University of Wisconsin-Madison
 University of Wisconsin-Milwaukee
 University of Wisconsin-Oshkosh
 University of Wisconsin-Parkside
 University of Wisconsin-Superior
 University of Wisconsin-Whitewater
 Washington University in St. Louis
 Wayne State University
 Western Carolina University
 Wichita State University
 Willamette University
 Wisconsin Indianhead Technical College
Ownership and Use of Technology Devices
Percentage of Students Who Own the Following:

- **Personal desktop computer**
- **Personal full-sized laptop**
- **Personal light-weight notebook/tablet**
- **Personal e-book reader**
- **Smartphone**

For Messiah 2012 and All Institutions.
Use of Tablet

- Do Not Use
- Use for Academic and other purposes
- Use for Academic purposes only
- Use for other purposes only

Messiah 2012 vs All Institutions
Use of Dedicated e-reader

- Do Not Use
- Use for Academic and other purposes
- Use for Academic purposes only
- Use for other purposes only

Messiah 2012
All Institutions
Use of Desktop Computer

- Do Not Use: Messiah 2012 (50.00%) vs. All Institutions (45.00%)
- Use for Academic and other purposes: Messiah 2012 (25.00%) vs. All Institutions (30.00%)
- Use for Academic purposes only: Messiah 2012 (20.00%) vs. All Institutions (25.00%)
- Use for other purposes only: Messiah 2012 (5.00%) vs. All Institutions (10.00%)

Institutional Research
Importance of Handheld Devices (e.g., smartphone or tablet) for the Following Actions
Importance of Hand-Held Device for Access to Library Resources

- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012
All Institutions
Importance of Hand-Held Device to Check grades

- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012  All Institutions
Importance of Hand-Held Device to Register for courses

- Not at all important: Messiah 2012 (45.00%) vs. All Institutions (25.00%)
- Not very important: Messiah 2012 (25.00%) vs. All Institutions (20.00%)
- Moderately important: Messiah 2012 (15.00%) vs. All Institutions (20.00%)
- Very important: Messiah 2012 (5.00%) vs. All Institutions (15.00%)
- Extremely important: Messiah 2012 (10.00%) vs. All Institutions (10.00%)
Importance of Hand-Held Device to Access financial aid information

- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012 vs All Institutions
Importance of Hand-Held Device to Make textbook purchases

- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Legend:
- Messiah 2012
- All Institutions
Importance of Hand-Held Device to Order transcripts

- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012 vs All Institutions
Importance of Hand-Held Device to Access course website or syllabi

- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012 vs All Institutions
Importance of Hand-Held Device to Access course or learning management system

- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012 vs All Institutions
How well is your Institution meeting your needs with regard to being able to do the following on a handheld device?
Registering for Classes

<table>
<thead>
<tr>
<th>Category</th>
<th>Messiah 2012</th>
<th>All Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service not offered for mobile device</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Haven't used service in the past year</td>
<td>35.00%</td>
<td></td>
</tr>
<tr>
<td>Poor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fair</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neutral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Good</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Excellent</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Institutional Research
Accessing course websites or Syllabi

- Service not offered for mobile device
- Haven't used service in the past year
- Poor
- Fair
- Neutral
- Good
- Excellent

Messiah 2012 vs. All Institutions
Using course or learning management systems

- Service not offered for mobile device
- Haven't used service in the past year
- Poor
- Fair
- Neutral
- Good
- Excellent

Messiah 2012 vs All Institutions
How important are the following forms of communication to achieving academic success and which forms of communication do you wish instructors used less or more of?
Opinion of Instructor Use: E-mail

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012 vs. All Institutions

Institutional Research
Text Messaging

% Did not use in the past year

Not at all Important
Not Very Important
Moderately Important
Very Important
Extremely Important

Messiah 2012  All Institutions

Institutional Research
Opinion of Instructor Use: Text-Messaging

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012   All Institutions
Opinion of Instructor Use: Instant Messaging/Online Chatting

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012
All Institutions

Institutional Research
Twitter

- Did not use in the past year
- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012 vs. All Institutions
Opinion of Instructor Use: Facebook

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012 vs All Institutions
Opinion of Instructor Use: LinkedIn

- No Opinion: Messiah 2012 (60.00%) vs. All Institutions (70.00%)
- Use it Less: Messiah 2012 (10.00%) vs. All Institutions (20.00%)
- Use it about the same: Messiah 2012 (20.00%) vs. All Institutions (30.00%)
- Use it more: Messiah 2012 (10.00%) vs. All Institutions (10.00%)
Opinion of Instructor Use: Other Social Networking Sites

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012 / All Institutions

Institutional Research
Social Studying Sites

- Did not use in the past year
- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012 vs. All Institutions
Opinion of Instructor Use: Social Studying Sites

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012

All Institutions
Phone-Like Communication over the Internet

- Did not use in the past year
- Not at all Important
- Not Very Important
- Moderately Important
- Very Important
- Extremely Important

Messiah 2012 vs All Institutions
Opinion of Instructor Use: Phone Conversation

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012
Face to Face Interaction

- Did not use in the past year
- Not at all Important
- Not Very Important
- Moderately Important
- Very Important
- Extremely Important

Messiah 2012 vs. All Institutions
Opinion of Instructor Use: Face to Face Interaction

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012 vs All Institutions
Opinion of Instructor Use: Course or Learning Management System

- No Opinion
- Use it Less
- Use it about the same
- Use it more

- Messiah 2012
- All Institutions
How important are the following resources/tools to your academic success and which resources/tools do you wish your instructors used more or less of?
Course or Learning Management System

- Did not use in the past year
- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012
All Institutions

Institutional Research
Opinion of Instructor Use: Course or Learning Management System

- **No Opinion**
- **Use it Less**
- **Use it about the same**
- **Use it more**

Messiah 2012  |  All Institutions

Institutional Research 58
Opinion of Instructor Use: E-Portfolio

- No Opinion
- Use it Less
- Use it about the same
- Use it more

- Messiah 2012
- All Institutions
E-Books/E-Textbooks

- Did not use in the past year
- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

- Messiah 2012
- All Institutions
Locally Installed Productivity Software

- Did not use in the past year
- Not at all Important
- Not Very Important
- Moderately Important
- Very Important
- Extremely Important

Messiah 2012 vs. All Institutions

Institutional Research
Opinion of Instructor Use: Locally Installed Productivity Software

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012 vs All Institutions
Web-Based Productivity Software

- Did not use in the past year
- Not at all important
- Not very important
- Moderately important
- Very important
- Extremely important

Messiah 2012 vs All Institutions
Opinion of Instructor Use: Web-Based Productivity Software

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012 vs All Institutions
Opinion of Instructor Use: Freely Available Course Content Beyond Your Campus

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012
All Institutions

Institutional Research
Opinion of Instructor Use: Wikis

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012 vs All Institutions
Opinion of Instructor Use: Blogs

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012
All Institutions
Opinion of Instructor Use: Tag/Bookmark/"Like" Article or Information Online

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012  All Institutions
Opinion of Instructor Use: Podcasts and Webcasts

- **No Opinion**: 55.5% (Messiah 2012), 44.5% (All Institutions)
- **Use it Less**: 10.0% (Messiah 2012), 20.0% (All Institutions)
- **Use it about the same**: 20.0% (Messiah 2012), 30.0% (All Institutions)
- **Use it more**: 15.0% (Messiah 2012), 25.0% (All Institutions)
Opinion of Instructor Use: Web-Based Videos

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012 vs. All Institutions
Opinion of Instructor Use: Video Sharing Websites

- **No Opinion**
  - Messiah 2012: 30.00%
  - All Institutions: 35.00%

- **Use it Less**
  - Messiah 2012: 5.00%
  - All Institutions: 4.00%

- **Use it about the same**
  - Messiah 2012: 25.00%
  - All Institutions: 25.00%

- **Use it more**
  - Messiah 2012: 30.00%
  - All Institutions: 30.00%
Opinion of Instructor Use: Photo Sharing Websites

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Messiah 2012   All Institutions
Opinion of Instructor Use: Online Multi-User Computer Games

- **No Opinion**
  - Messiah 2012: 60.00%
  - All Institutions: 60.00%

- **Use it Less**
  - Messiah 2012: 30.00%
  - All Institutions: 30.00%

- **Use it about the same**
  - Messiah 2012: 10.00%
  - All Institutions: 10.00%

- **Use it more**
  - Messiah 2012: 0.00%
  - All Institutions: 0.00%

Institutional Research
Opinion of Instructor Use: Simulations or Educational Games

- No Opinion
- Use it Less
- Use it about the same
- Use it more

Institutional Research 80

555x338

0.00%
5.00%
10.00%
15.00%
20.00%
25.00%
30.00%
35.00%
40.00%
45.00%
50.00%
In what type of environment do you tend to learn the best in?
Most Conducive Learning Environment

- Courses with No Online Components
- Courses with Some Online Components
- Courses that are Completely Online

Messiah 2012 vs. All Institutions
In the past year have you taken a course completely online at this institution you are completing the survey for?
Taken a Completely Online Course at this Institution

- No: Messiah 2012 (90.00%)
- Yes: Messiah 2012 (10.00%)