



Supporting QM

- Provide a lit review for the QM Rubric revision so it is research-supported with latest findings
- Conduct internal data collection, analysis, & reporting for internal continuous improvement
- Create original surveys for member feedback
- Ensure QM PD is research-supported
- Public and searchable Research Library for OL and QM-focused research citations

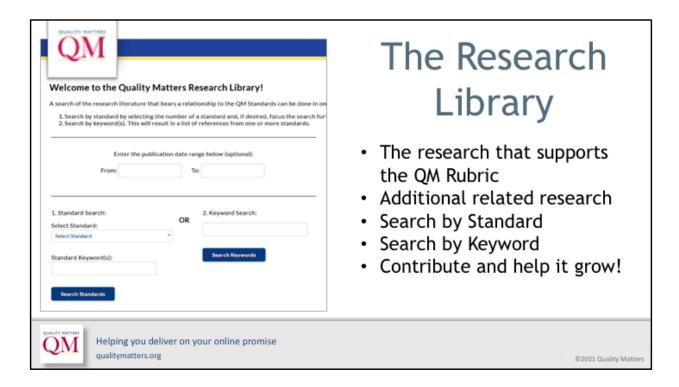




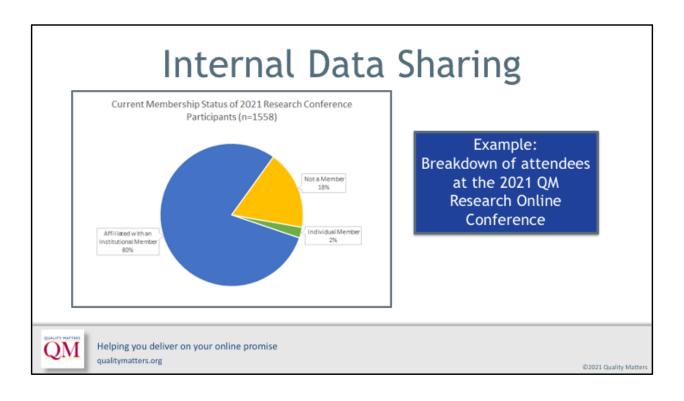
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https://www.qualitymatters.org/index.php/research



https://www.qmprogram.org/qmresources/research/



Member Feedback If using as a guide to revise an existing online course, how did you use the Design Guide? **Row Labels** Respondents Respondents2 As a resource to skim, to help prioritize design changes I can make 13 As a resource to read closely, in order to determine the Design Steps to concentrate on for 10 31% N/A - did not use to revise an existing course 7 22% Other (please specify) 2 6% **Grand Total** 32 100% Example: How respondents used the QM Bridge to Quality Design Guide QM Helping you deliver on your online promise qualitymatters.org ©2021 Quality Matter

https://www.qualitymatters.org/bridge

Consultations & Training

- Consultations by request with doctoral students and faculty/ID researchers
- Publicly available Research Toolkit
- Workshops and presentations on conducting QM-focused research, online learning research, and using QM Data





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https://www.qualitymatters.org/research/conduct-gm-research





The ABCs of Online Learning Research

Learn how to get started doing research on online learning in this active, applied three-week online workshop. Using QM and the oreference, this workshop covers the steps necessary for developing a quality research study related to online learning.

Course Length: Three weeks
Delivery Mode: Online (Asynchronous)
Instruction: Facilitated
Fee with Membership: \$200.00
Fee: \$300.00

In this workshop, participants are asked to come with a general idea/topic that they'd like to research. Through the course of the workshop, they will grow and refine that it.
Whether you're new to researching online learning or are an experienced researcher, the learning activities in this workshop, along with the feedback and guidance of your avoid some of the pitfalls in online learning research and develop a quality research project to meet stakeholder needs.

Recommended For

Faculty, teachers, librarians, instructional designers, administrators, adjunct instructors, or anyone interested in conducting research to improve online education.

Learning Objectives

- 1. Describe the foundational concepts of Quality Matters and the information and resources for QM-focused research.
- 2. Create an appropriate research question based on current interests/needs, and refine your question based on a brief literature review.
- 3. Identify and define the variables in your study, and account for the unique barriers and considerations in online learning research by addressing confounding variables.
- 4. Draft a research study design with a doable methodology for data collection and analysis.
- 5. Contribute articles, finding, and ideas to online learning research.



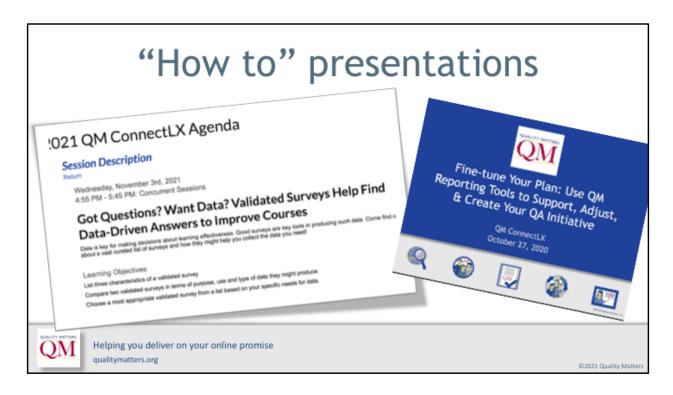
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Pre-conference workshop, great for those who want a general understanding of online learning research and guidance on the research design process:

https://ww2.eventrebels.com/er/CFP/AgendaAtAGlance.jsp?CFPID=1233&ScreenID=1038&DisplayProgramItemID=204940&DisplayProgramSessionID=78783&Token=N9WYEX5XB&PreviousScreens=1037

Link to the asynchronous, 3-week workshop, perfect for those who already have a topic in mind: https://www.qualitymatters.org/professional-development/workshops/abcs-of-qm-focused-research



Link to information on the upcoming Validated Surveys presentation at QM Connect LX:

https://ww2.eventrebels.com/er/CFP/AgendaAtAGlance.jsp?CFPID=1233&ScreenID=1038&DisplayPresenterID=283563&DisplayProgramItemID=208109&DisplayProgramSessionID=80610&Token=N9WYEX5XB&PreviousScreens=1037

Link to Fine tune your Plan slides, which includes the QM Data Google doc for running reports: https://www.qualitymatters.org/sites/default/files/presentations/Fine-Tune%20with%20Reports.pdf

Original QM Research

- Collaborate with researchers at member institutions on QM-focused research and/or OL research that benefits QM and its mission
- Current projects include research on QM implementation
- Using internal data & survey data for original QM-authored research





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Link to a recent article in ODJA:

https://www.westga.edu/~distance/ojdla/winter234/altman_shattuck_simunich_bur_ch234.html

This article just received the AECT Systems Thinking and Change Division Outstanding Article award.

AJDE QM-focused issue link:

https://www.tandfonline.com/toc/hajd20/31/3?nav=tocList



https://www.qualitymatters.org/research/qm-research-colleagues

Curated QM-focused Resources

Curated Resources

The term "QM Research" relates to several different types of research. There is research that supports the QM Rubric and process, research that discusses its use, and research that focuses on its impact.

Recent Literature Reviews

K-12

- 2019 K-12 Dissertation Literature Review Summary
- 2019 K-12 Article Literature Review Summary
- · 2018 Literature Review for revising the National Standards for Quality Online Courses
- 2018 Literature Review for revising the National Standards for Quality Online Teaching
- 2018 Literature Review for revising the National Standards for Quality Online Programs
 Review of K-12 Online and Blended Education Research Literature

Minher Education

- 2019 Higher Education Literature Review Summary
- 2017 Literature Review Summary Report in preparation for the Higher Education Rubric, Sixth Edition
- . 2013 Literature Review Summary Report in preparation for the Higher Education Rubric, Fifth Edition
- Searchable QM Research Library incorporating references prepared for all editions of the Higher Education Rubric that support and inform it

Teaching

- . Online Instructor and Teaching Competencies Literature Review
- . Online Instructor and Teaching Competencies: Further Analysis of the 2016 Literature Review for Quality Matters

QM Research Grant Projects

Since 2005, QM has funded small research grants on the impact of QM. We are currently taking a hiatus from accepting proposals. Here is a list of Research Projects by year:

2016

 The Impact of Quality Matters Professional Development on Teaching Across Delivery Formats

2014

 A Study of the Relationship Between Quality Matters General Standard 5, Level of Interaction, and Academic Performance Online

2013

- Analyzing Predictors of Faculty Behavior to Engage in Peer Review
- Effect of Student Readiness on Student Success in Online Courses
- Measuring Online Course Design: A Comparative

 Analysis
- Measuring the Impact of Student Engagement in the Application of Quality Matters Standards on Blended Course Design



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https://www.qualitymatters.org/research/curated-research-resources

Disseminate & Discuss

- Sponsored white papers on relevant topics, such as academic rigor & accessibility
- · "What the Research Says" QM blog posts
- Annual Research Online Conference with QM and OL-focused research presentations
- Changing Landscape of Online Education (CHLOE) report





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https://www.qualitymatters.org/qa-resources/resource-center/articles-resources/research-webinars-archive



https://www.qualitymatters.org/qa-resources/resource-center/conference-presentations?field conference target id=351&keys=

White Paper Series on Accessibility



Administrative Supports for Digital Accessibility: Policies and Accessibility: Best Practices and Processes



Course Design for Digital



Professional Development for Digital Accessibility: A Needs Assessment



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https://www.qualitymatters.org/qa-resources/resource-center/articlesresources/accessibility-white-paper-series

CHLOE Report



2021 CHLOE 6: Online Learning Leaders Adapt for a Post-Pandemic World

The COVID pandemic constituted a stress test on how online learning could respond to an externally driven emergency requiring its rapid expansion and how such an experience, encompassing the entirety of higher education, might change its scope, image and future direction. CHLOE 6 establishes that the pivot to remote learning increased the reach and accelerated the adoption of online learning, and increased the influence of chief online officers.

Key CHLOE 6 Survey findings:

- All sectors of higher education invested in ed tech in 2020 and 2021, amounting to the biggest investment jump ever. This
 included largely in-person schools that had not previously made significant investments in online learning-related
 technologies.
- Two-thirds of surveyed institutions relied on their chief online officer to coordinate their institution's response to the COVID-19 pandemic, including course conversion, faculty training, student preparedness, technology capability, and quality assurance.
- When asked about future online undergraduate enrollment, only 13% of Chief Online Officers (COOs) expected the moderate growth seen in pre-pandemic years, while 77% predicted some or major acceleration in this trend.

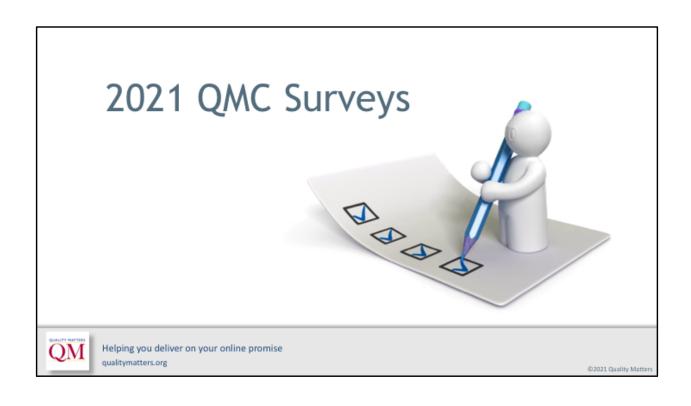
Report authors conclude that institutions would be well-advised to capitalize on the momentum or positivity generated by the pandemic's forced shift into fully-distanced learning.



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https://www.qualitymatters.org/index.php/qa-resources/resource-center/articles-resources/CHLOE-project



"Flex" Survey

RQ: How are QM Higher Ed members "flexing" the Rubric & Reviews?

• Invitations sent to 1,083 HE members; 176 responses

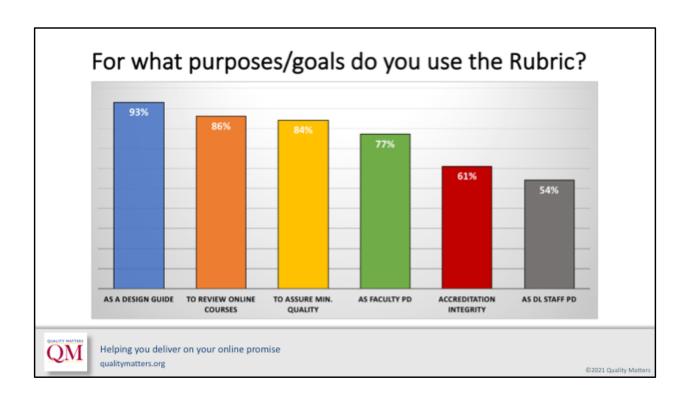
There were **no significant differences** with our sample versus our population on the following characteristics:

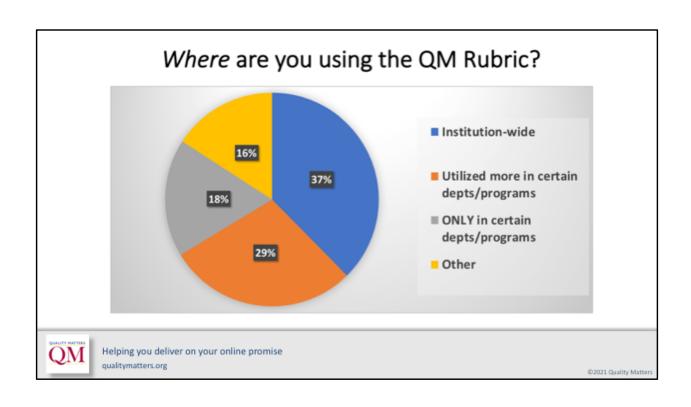
- Institutional type A (Public vs Private)
- Institutional type B (2-year vs. 4-year)
- Geographic region
- Length of membership (in years)
- Number of QM Certified Course Reviews





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How do you think the current edition of the QM Rubric can be used to review courses in different modalities?

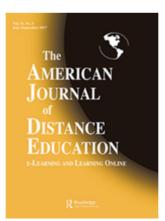
There should be additional information for synchronous or HyFlex courses, at least for certain standards (similar to the additional annotation information for "Blended Courses" and "Competency-Based Courses").	46%
The existing QM Rubric is sufficient as-is for review of all types of partially or fully online courses.	23%
There should be a separate QM Rubric for other modalities, such as synchronous online courses or HyFlex courses.	16%
Unsure	11%
Other (please specify)	4%



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QM Implementation Research

- · Mixed-methods design
- 109 = population
- 43 = survey respondents
- Response rate = 39%
- 17 = qualitative interview respondents
- Population and sample comparisons showed no significant difference





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QM Implementation Research

• RQ1: What goals, supports, people, policies, and processes are related to higher implementation activity on internal reviews, QM Certified reviews, and QM faculty professional development?





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QM Implementation Research

- RQ2: What supports, people, policies, and practices were key drivers for QM quality assurance implementation at your institution?
- RQ3: What effect did QM implementation have on your institutional culture?
- RQ4: What barriers to QM implementation did you experience, and how did you address them?





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Institutional Supports

- · 70% had a course quality implementation plan
- 63% had a committee of stakeholders invested in online learning
- 90% reported that IDs were knowledgeable about how QM was being used at the institution
- 75% offered LMS templates; 70% offered syllabus templates
- 77% had faculty dev staff knowledgeable in online pedagogy





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Internal Course Review Correlations

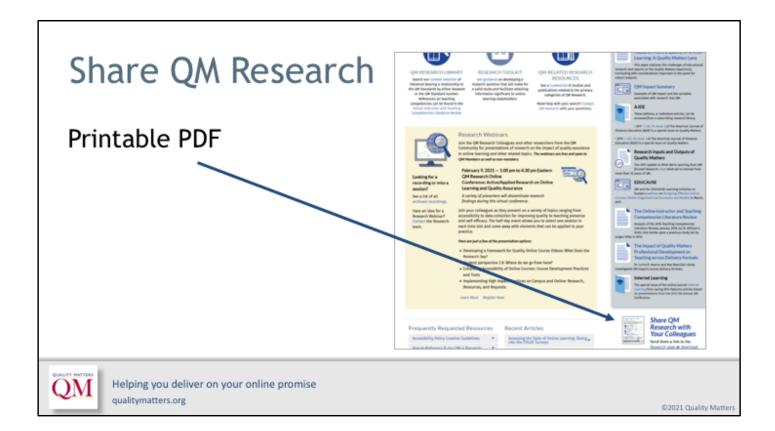
- Ensuring that faculty teaching online receive a minimum level of professional development/preparedness for online learning
- Celebrating faculty achievements related to QM
- Recognizing faculty's QM work in RPT
- The availability of online course syllabus templates
- Having clearly articulated minimum quality standards for online learning



Recommendations

- Choose the right person to lead the effort; include stakeholders via collaborative efforts
- Center faculty-inclusive practices & approach
- · Administrative and financial support
- Support faculty with templates, good design process
- Multiple stakeholders + Institutional strategy spurs the creation of a Culture of Quality
- Recognize the effort and celebrate successes





Thank you for attending



If you have questions or comments, please email us at: Research@qualitymatters.org



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About Quality Matters

Quality Matters (QM) is the global organization leading quality assurance in online and innovative digital teaching and learning environments.

It provides a scalable quality assurance system for online and blended learning used within and across organizations.

When you see QM Certification Marks on courses or programs, it means they have met QM Course Design Standards or QM Program Review Criteria in a rigorous review process.

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Looking forward. Transforming now.

November 3-5, 2021 — Online









Workshops

Interactive Sessions

Course Checkup

Networking

Visit qualitymatters.org/events/attend



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Propose a Chapter

Digital Accessibility Book Chapter Proposals Are Being Accepted!

Due: October 1, 2021

See the call for proposals for information:

https://bit.ly/3xySQXl



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https://bit.ly/3xySQXI