



Peer Review: A Tool for Success in Transition to University

MYREVIEWERS Improve Writing

Pilot at myreviewers.com

InForm Conference | 2018

Applications of Improvement Science in Education
MY REVIEWERS: IMPROVE STUDENT WRITING & WRITING PROGRAM ASSESSMENT

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Measurement/Evaluation • Research • STEM

Problems

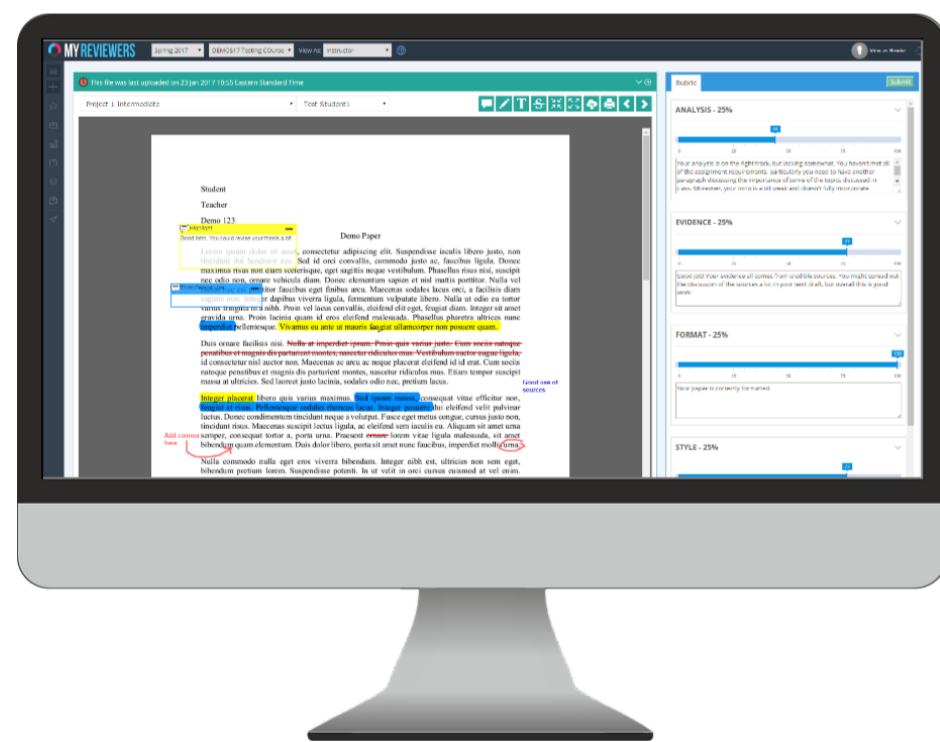
Students find instructors' grades and comments to be confusing, contradictory, and unfair and are unsure of how to critique peers' work

Instructors find grading too time-consuming and ineffective, distrust peer review, and require peer review resources

Administrators struggle to assess student learning, strive to secure program funding, and require tools to support mentoring

Researchers lack tools needed to conduct authentic assessments of students' intrapersonal, interpersonal, and cognitive competencies

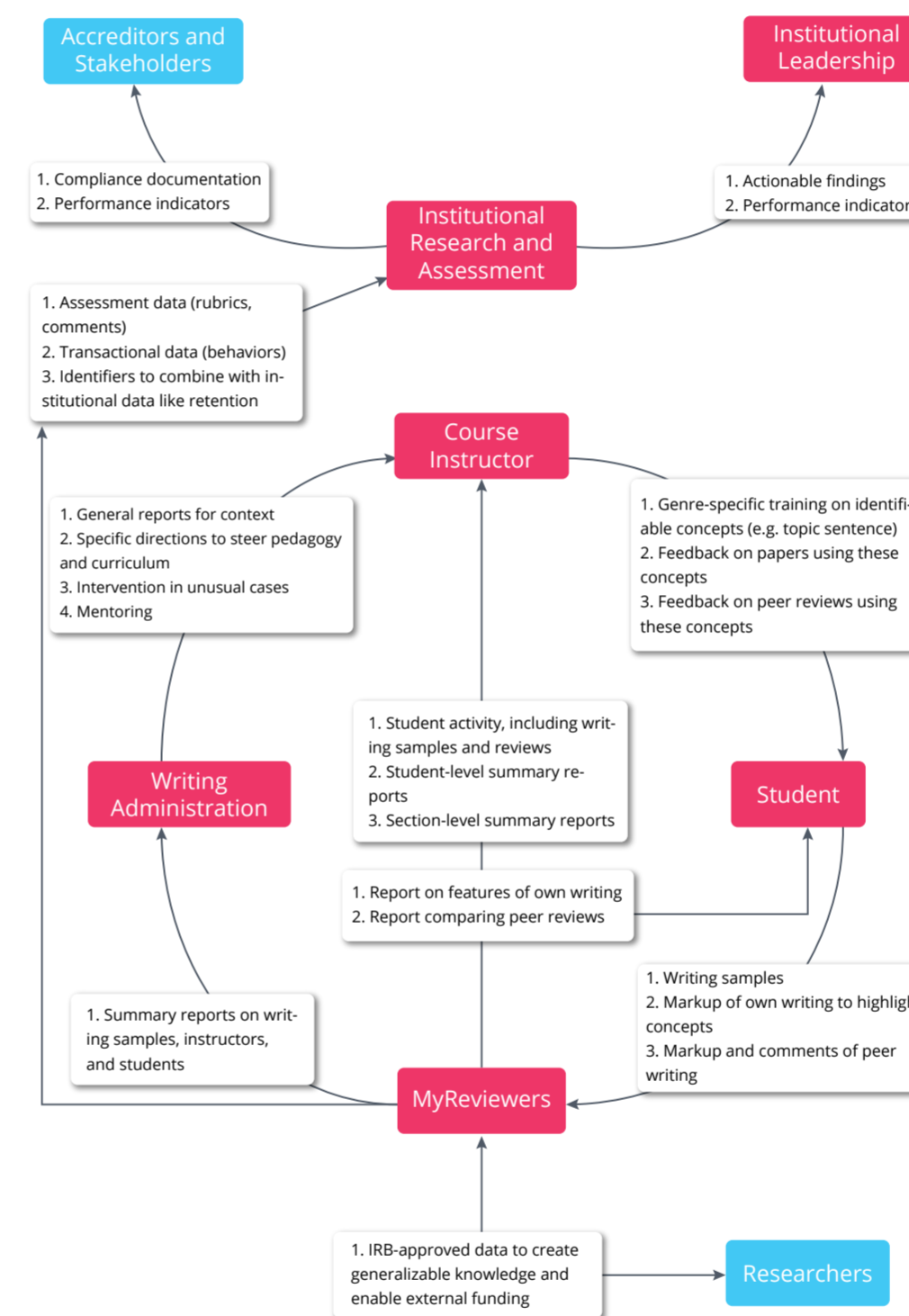
At MyReviewers, We've Re-imagined Writing Tools and Assessment



Data Types



The MyReviewers' Learning and Assessment Ecology



Research

MyReviewers is a vigorous site of interdisciplinary research. In an ethnographic study of the USF writing program (NCTE/Studies in Writing and Rhetoric Series); articles published in *Assessing Writing*, *WPA: Journal of Writing Program Administration*, *Journal of Writing Assessment*; and two grants from the National Science Foundation: Prime and I-Corps, researchers have:



- Explored ways MyReviewers informs evidence-based curriculum changes (Langbehn et al.) and creates a culture of assessment (Viergege, Stedman, Mitchell, & Moxley, 2012)
- Researched the development and transfer of reasoning capabilities (Tackitt, Moxley, Eubanks)
- Demonstrated the efficacy of student peer reviews in composition (Moxley and Eubanks), writing in the disciplines (Ross 2015), and STEM contexts (Wilson et al.)
- Investigated grading, eportfolio grade norming, and the relationship between talent, instructor selection, and grades

Presently, researchers throughout the United States and Europe are experimenting with natural learning processes and latent semantic analysis to analyze the MyReviewers corpus. Learn more at myreviewers.com/publications.

Further Information:

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New Features

1. MyReviewers Web API is available so other tools can integrate with MyReviewers.
2. Canvas integration. Grades can be exported directly to Canvas from MyReviewers.

Pilot Scheme @ INTO University of Exeter (Part of the INTO University of Exeter Research Award Scheme) January-May'18

7 students participated. There were 3 groups. 2 groups contained 2 students each and the other group contained 3 students. The students marked and provided feedback to each other within their respective groups anonymously. After receiving feedback students modified their work and submitted for summative assessment. The students in general have provided Positive Feedback about MyReviewers and mentioned that by getting peer feedback from their peers have improved their coursework and helped them to achieve better grades. Some students mentioned that there were time constraints as they have received feedback quite late to do sufficient modifications.