Designing interesting problems and writing assignments is one of the chief tasks of all teachers, but it can be especially challenging to translate and apply learning theory, good teaching techniques, and writing assignments into STEM and other quantitative disciplines. Student Writing in the Quantitative Disciplines offers instructors in math-based disciplines meaningful approaches to making their coursework richer and more relevant for their students, as well as satisfying institutional imperatives for writing curricula. This important resource provides instructors with the hands-on skills needed to guide their students in writing well in quantitative courses at all levels of the college curriculum and to promote students' general cognitive and intellectual growth.

Comprehensive in scope, the book includes:

- Ideas for using writing as a means of learning mathematical concepts
- Illustrative examples of effective writing activities and assignments in a number of different genres
- Assessment criteria and effective strategies for responding to students' writing
Examples of ways to help students engage in peer review, revision, and resubmission of their written work

"Those of us who spend our lives urging faculty in all disciplines to integrate more writing into their courses have wished for the day when someone like Patrick Bahls would step forward with a book like this one."#Chris M. Anson, University Distinguished Professor and director, Campus Writing and Speaking Program, North Carolina State University

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"Loaded with practical advice, this timely, important, and engaging book will be an invaluable resource for instructors wishing to bring the benefits of writing-to-learn to the quantitative disciplines. As a mathematician thoroughly grounded in writing-across-the-curriculum scholarship, Bahls brings humor, classroom experience, and pedagogical savvy to a mission he clearly loves#improving the quality of student learning in math and science."#John C. Bean, professor, Seattle University, and author, Engaging Ideas

🚨 ABOUT THE AUTHOR

Patrick Bahls is an associate professor of mathematics at the University of North Carolina, Asheville, where he also performs research in math and writing and has helped to lead his campus's writing intensive program.

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