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**Jenna P Carpenter\*** ([jenna@coes.latech.edu](mailto:jenna@coes.latech.edu)), PO Box 10348, Ruston, LA 71272. *Strategies for Effective Use of Online Homework in Calculus.*

Homework is a standard part of most calculus courses. Moving homework out of the textbook and into an online environment affords the opportunity to improve individual accountability and mastery of course content, as well as the degree of interaction between faculty and student. Here we will examine strategies for effectively using online homework in a calculus course to achieve each of these goals, supported by assessment data on student use. (Received September 11, 2008)