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Buckhannon, WV 26201. *The Best Bluffer Contest: Rewarding Students for Creating Invalid
Proofs*. Preliminary report.

Have you ever sat down to grade proofs and gotten tired of all the incorrect garbage that you received? Well, in my Discrete Mathematics course, I decided to reward students for creating invalid proofs. Students were challenged to write two mathematical "proofs," one that was valid and one that was not. Students were encouraged to write their proofs so that the untrained eye could not detect which proof was invalid. During class, students got a taste of what it was like to be a teacher; students worked in pairs to scrutinize the proofs and to determine which "proofs" were legitimate. At the conclusion of the contest, all students presented their invalid proofs to the class and revealed the fallacy in their work. The student whose invalid proof misled the most people won the title, "Best Bluffer." (Received September 19, 2006)