

1014-S1-723

Fred Peskoff* (fpeskoff@aol.com), Department of Mathematics, 199 Chambers Street, New York, NY 10007. *Coping With Math Anxiety in College: A Case Study Approach.*

In a previous study using survey data, the author statistically analyzed coping strategies that two-hundred students reported as successful in dealing with math anxiety. As a follow-up to this research, interviews were conducted with selected students in order to develop "case studies" that focus in detail on the hurdles they face in college mathematics courses as well as the strategies used to overcome them. A few representative "real life" cases will be presented that demonstrate problems students encountered involving classroom instruction, tutoring in math labs, and placement into the proper course level. Actions taken to remedy these problems will be discussed and further suggestions will be solicited from the audience. The case study method, which is commonly used in medicine, law, and business education, is a very effective learning tool that can introduce both faculty and students to novel approaches for reducing math anxiety and ultimately improving learning. (Received September 22, 2005)