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In both academic and non-academic career paths, it is vital for Mathematicians and Statisticians to interact effectively with colleagues from other fields. To provide the opportunity to gain demonstrated experience with the necessary skills, the Department of Mathematics and Statistics at the University of Maryland, Baltimore County (UMBC) created the Center for Interdisciplinary Research and Consulting (CIRC). On the outside, CIRC makes the departmental expertise in our fields available to clients on and off campus through consulting services. On the inside, it provides an environment for our students to learn the art of being a professional Mathematician or Statistician by broadening subject-matter breadth, written and oral communication skills, entrepreneurial experience with marketing and promotion, and more. Graduate students from both of our programs in Applied Mathematics and in Statistics participate in CIRC by working as Research Assistants or by taking the course Introduction to Interdisciplinary Consulting, both supervised and supported at all times by the directors of CIRC. (Received September 09, 2008)