

1077-J1-2467

Alicia Sevilla*, sevilla@moravian.edu, and **Kay Somers**, somersk@moravian.edu. *Quantitative Reasoning and Informed Citizenship: Building Students' Awareness of Social Issues.*

Our course, Quantitative Reasoning and Informed Citizenship, seeks to develop in students the reasoning skills needed to interpret and assess numerical arguments, with emphasis on issues relevant for informed and effective citizenship. Students engage in numerical, logical, and statistical reasoning, while analyzing current issues using real data. Because an important part of being an informed citizen is understanding how quantitative analysis can give insights into issues of social justice, most topics include examples, exercises, activities, or projects addressing such issues. One project in particular links to our college's year-long "In Focus" program on poverty and inequality. "In Focus" themes for future years are sustainability, health care, and war and peace, all of which lend themselves to quantitative reasoning activities related to social justice. We will discuss the course and how we keep it current; we will also give concrete examples of ways we actively engage students in the analysis of social justice issues. (Received September 22, 2011)