

Claudia Neuhauser

UNIVERSITY OF MINNESOTA ROCHESTER

e-mail: neuha001@umn.edu

Mathematics, Statistics, and Biology: An Integrative Approach

Over the past five years, with funding from the Howard Hughes Medical Institute, we have developed courses and shorter teaching units to enhance the quantitative education of life science majors. We will present examples that illustrate how biological applications can enhance mathematics and statistics courses at the lower division and how mathematics and statistics can be integrated into biology courses, in particular into labs. We will report on the implementation of the curricula at the University of Minnesota Rochester and the dissemination strategy through the Numbers Count website and workshops held in collaboration with BioQUEST.