Jeanine Smallwood
P.O. Box 210089, Tucson, AZ 85721 • jsmw@math.arizona.edu

Education: University of Arizona
Ph.D. candidate in the Program in Applied Mathematics
M.S. Applied Mathematics, 1999

University of California, Santa Cruz
B.A. Mathematics, June 1996
B.A. Biology, June 1996

Work Experience:

Graduate Research Assistant, Los Alamos National Laboratory, Group T-7: Mathematical Modeling and Analysis, Summer 2001. Analyzed output data from Episims, an agent-based simulation used to model the spread of influenza.

NSF/Monbusho Research Experience for Young Foreign Researchers Participant, Kobe University, Kobe, Japan, Summer 2000. Formulated a mathematical program modeling a noncooperative game between two container shipping companies competing for the demand of a single customer.

Graduate Research Assistant, University of Arizona, Systems and Industrial Engineering Dept., Jan 99 to Dec 99. Researched problems existing in container transportation logistics, examining game theoretic models that can be used to model competitive interactions between shipping companies and shippers.

NSF Summer Institute in Japan Program Participant, Port and Harbour Research Institute, Yokosuka, Japan, Summer 1999. Learned how Japanese ports operate, both from a physical and policy standpoint, studied mathematical models of container cargo movement and callings at ports.

Graduate Teaching Assistant, University of Arizona, Mathematics Dept., Aug. 97 to Dec 98. Taught Trigonometry and Business Calculus.

Fellowships:

VIGRE Graduate Fellowship for Spring 2000 and academic years 2000/2002

Computer Skills:

Matlab, CPLEX, LINDO, AMPL, C, Perl