



- Courses taken:

- Math 920 - Dissertation      Grade: K

- Talks:

- February 2002, Los Alamos Days, “Determining the Existence of Nash Equilibria in a Bilevel Optimization Problem of Competing Producers”

- March 2002, Unified Science & Technology for Reducing Biological Threats & Countering Terrorism, Albuquerque, NM, Poster Session, “Agent Based Models for the Spread of Epidemics”

- Other Activities:

This semester I helped organize a workshop for high school students on Knot Theory and helped with the Game Theory portion for the Probability/Game Theory workshop put together in April. In the knot theory workshop, we talked about some of the applications of knot theory and about how knots are classified, played some games dealing with classification, discussed and did some knot coloring exercises, and learned about building knots out of sticks. In the game theory workshop we played several zero-sum games, learned about some of the mathematics and strategies behind the dots-and-boxes game, and discussed what it meant for a game to have an equilibrium.