

# (<u>deneseo</u>







# Undergraduate Student Researchers

- Amy Zielinski ('06), Modeling vaccination protocols in influenza for hosts in small-world and scale-free networks. [Col-
- Andrew McCarthy ('06), Modeling the dynamics of influenza evolution in response to changing partial-immunity functions.
- Arunima Ray ('09), Modeling the emergence of cooperation on a lattice.
- Brian Kaplan ('05), DNA Code Web Interface
- Christina Callear ('07), Group Testing to Annihilate Regular
- Colin Kremer ('08), Modeling the ensemble dynamics of chaotic subpopulations.
- Cynthia Stallard ('06), Maple Computational Molecular Biology Programming
- Dan Fitzgeral ('07), Analyzing the spread of cooperation in a small-world network model.
- Dan Marcus ('06), Modeling the spread of influenza across meta-cities.
- Dave Quinzi ('07), DNA code web programming
- Elizabeth Darrow ('08), Fitting Thermodynamic Data Garrett Jones ('07), DNA Hybridization Alignment and Assembly Simulator and Visualizer
- Jacqueline Dresch ('06), Modeling vaccination protocols in influenza for hosts in small-world and scale-free networks.
- Jamie Romeiser ('05), Quantitative analysis of the movement of green sea turtles from nesting to feeding grounds.
- Joseph Kane ('09), Modeling cooperation on a small-world network
- Kate Huggler ('08), Modeling HIV dynamics within human hosts.
- Katie Button ('04), Modeling cross-immunity in influenza for hosts in small-world and scale-free networks.
- Kayla Nimmo ('06), DNA code testing.
- Kevin Pinto ('06), Comparing HA evolution in a small-world network model of influenza dynamics to real data. Lauren Wood ('06), DNA code testing.
- Mark Chynoweth ('06), Matching theory and data in home range estimates for animals.
- Mathias Young ('05), Optimization of group testing for critical vertices in a graph
- Mathias Young ('05), Group Testing to Annihilate Edges. Matt Bernard ('06), DNA code testing.
- Mehmood Sheik ('09), Exploring modeling biological systems. Michelle Amsler ('05), Modeling cross-immunity in influenza
- for hosts in small-world and scale-free networks. Morgan Bishop ('05), DNA Code Generating Programs Neils Hanson ('05), Group Testing to Annihilate Edges. Olukemi Jaiyesimi ('08), Exploring modeling biological sys-
- tems. Sal Prior ('06), DNA code testing.
- Sarah Olscamp ('06), Modeling the spread of SARS in a smallworld network.
- Shuya Kyu ('06), Modeling the network structure of evolving food-webs.

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lege Honors Student]

Brian Wight ('07), DNA Code Web Interface

Chelesea Schiano ('07). DNA code testing.

Families