

# Mini-symposium of Evolutionary Game Dynamics

## MATH 76 Final Projects Presentations, Day I

Location: 028 Haldeman Hall  
Date: Thursday, March 2, 2017  
Time: 10:10AM - 12:00PM  
Coordinator: Feng Fu (feng.fu@dartmouth.edu)

### Schedule

10:10 – 10:25	<i>Cooperative Dynamics of Yeast</i>	Rachel Patel'17 Danielle Kimball'17
10:25 – 10:40	<i>Modeling the Spread of Fake News in Spatial Populations</i>	Paula Chen'17 Liane Makatura'17
10:40 – 10:55	<i>Why do they not believe? – The Network Dynamics of Opinion</i>	Tucker Evans'19
10:55 – 11:10	<i>Public Goods Games: Social Welfare Programs &amp; Wealth Accumulation</i>	<i>Goodwill</i> Batalingaya'16
11:10 – 11:25	<i>Evolutionary Game Dynamics in Super Smash Bros. Melee</i>	Peter Wang'17

Interested? Everyone is welcome! Come enjoy the diverse and interesting talks and learn more about undergraduate research at Dartmouth Math Department.

We also have a research experience for undergraduates *summer* course, listed as Math 76.01 X17.

Got questions? Please send your enrollment inquiries to Professor Anne Gelb (annegelb@math.dartmouth.edu)!

# Mini-symposium of Evolutionary Game Dynamics

## MATH 76 Final Projects Presentations, Day 2

Location: 028 Haldeman Hall  
Date: Tuesday, March 7, 2017  
Time: 10:10AM - 12:00PM  
Coordinator: Feng Fu (feng.fu@dartmouth.edu)

### Schedule

10:10 – 10:25	<i>Adaptive Networks and Wealth Dependent Strategies - A Model for Successful Altruism</i>	Milan Huynh'17 Madeleine Cooney,17
10:25 – 10:40	<i>An Evolutionary Game-Theoretic Analysis of Dice Strategies</i>	Luis Marin'17 Julio Resendiz'17
10:40 – 10:55	<i>Adaptive Dynamics Provides Insights into Optimizing Population Conservation Efforts</i>	Dale Clement'17
10:55 – 11:10	<i>Does It Really Pay to Use Growth Promoters in Farming Industry?</i>	Andrew Dixon'17
11:10 – 11:25	<i>The Population Problem of Antibiotic Overuse</i>	John Lewis III'17
11:25 – 11:40	<i>Strategic Risk Management of Financial Assets</i>	Daniel Huang'17

We also have a research experience for undergraduates (REU) *summer* course, listed as Math 76.01 X17.

Got questions? Please send your enrollment inquiries to Professor Anne Gelb (annegelb@math.dartmouth.edu)!