Mini-symposium of Evolutionary Game Theory & Applications
QSS/MATH 30.04 Final Projects Presentations, Day 1

Location: **028 Haldeman Hall**

Date: **Thursday, March 1, 2018**

Time: **2:25PM – 4:15PM**

Coordinator: Feng Fu (feng.fu@dartmouth.edu)

Schedule

Time	Title	Presenters
2:25 – 2:45	*Understanding betta fish fighting and mating behavior*	Cindy Li'18, Alma Wang'18
2:45 – 3:05	*The Altruistic Balanced Paired Kidney Exchange: Evolutionary Game Theory as a Model to Determine the Value of Human Altruism*	Derek H. Lue'21, William L. Synnott'21
3:05 – 3:25	*Virulence and Tragedy of the Commons*	Madison M. Hazard'20, Tsz Ki Lit'19
3:25 – 3:45	*Cryptocurrency and Blockchain Adoption*	Trent B. Shillingford'19
3:45 – 4:05	*Population Dynamics of Extremist Ideologies -- Replicator Dynamics with Game-Social Environment Feedback*	Dogukan B. Yucel'20

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 undergraduate *summer* course, listed as Math 76.01 X18.
Got questions? Please send your enrollment inquiries to Professor Anne Gelb (annegelb@math.dartmouth.edu)!

Mini-symposium of Evolutionary Game Theory & Applications
QSS/MATH 30.04 Final Projects Presentations, Day 2

Location: **028 Haldeman Hall**

Date: **Tuesday, March 6, 2018**

Time: **2:25PM – 4:15PM**

Coordinator: Feng Fu (feng.fu@dartmouth.edu)

Schedule

Time	Title	Presenters
2:25 — 2:40	*Exploring winning strategies in iterated Prisoner's Dilemma using reinforcement learning algorithms*	**Wei Liang Samuel Ching'19** **Bruno Korbar'18**
2:40 — 2:55	*Cooperation and Incentives in Cryptocurrency Mining*	**Jared E. Hodes'20** **Jakob Y. Stern'20**
2:55 — 3:10	*Social Networks: Framework Structures that Champion the Distribution of Fake News*	**Kevin Hu'20**
3:10 — 3:25	*Social Dilemma of Land Privatization*	**Sahil Abbi'20** **Sean K. McGowan'20**
3:25 — 3:40	*Refugee crises through the lens of evolutionary game theory*	**Heyi Jiang'19**
3:40 — 3:55	*An Evolutionary Game Theory Approach to Flu Vaccination Dynamics*	**Alexander C. Beals'18** **Kyu Hyeon Kim'18**

We also have a research experience for undergraduates (REU) *summer* course, listed as Math 76.01 X18.
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