

Feng Yu | Curriculum Vitae

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Education

Academic Qualifications.....

- **University of Central Florida** **USA**
◦ *Ph.D in Mathematics* *2016–Present*
- **University of Central Florida** **USA**
◦ *M.S. in Mathematics* *2016–2018*
- **Southwestern University of Finance and Economics** **CHINA**
◦ *B.S. in Mathematics* *2012–2016*
- **Southwestern University of Finance and Economics** **CHINA**
◦ *B.E. in Economics* *2012–2016*

Work Experience

- Graduate Teaching Assistant 2016–2018
- Graduate Research Assistant Summer, 2018 & Spring, 2019

Teaching Experience

Department of Mathematics, University of Central Florida.....

- **Teaching Assistant for ODE I (MAP2302)** Summer, 2017 & **Fall, 2018**
- Teaching Assistant for Calculus I (MAP2311) Fall, 2017 & Spring, 2018

Honors And Awards

- ORC Doctoral Fellowship (\$25,000) 2016
- Outstanding Dissertation Award 2016
- Merit Student 2014 & 2015
- Scholarship for Research and Innovation 2014

Publications

Journal Papers.....

1. Qi Wang, Jingyue Yang, and Feng Yu, Boundedness in logistic Keller–Segel models with nonlinear diffusion and sensitivity functions. *Discrete & Continuous Dynamical Systems - A*, 2017, 37(9): 5021–5036.

2. Qi Wang, Jingyue Yang, and Feng Yu., Global well-posedness of advective Lotka–Volterra competition system with nonlinear diffusion. To appear in *Proceedings of the Royal Society of London A: Mathematical, Physical and Engineering Sciences*.
3. Ke Wang, Qi Wang, and Feng Yu, Stationary and time periodic patterns of two-predator and one-prey systems with prey-taxis. *Discrete & Continuous Dynamical Systems - A*, 2017, 37(1): 505-543.
4. Raj Gautam Dutta, Yaodan Hu, Yier Jin, Feng Yu, and Teng Zhang, SELvAgE: Design and Analysis of Secure Distributed Estimator for Vehicular Platooning in Adversarial Environment, submitted to *Transactions on Intelligent Transportation Systems, IEEE*

Conference Papers.....

1. Feng Yu and Teng Zhang, A Novel ADMM Algorithm for Graph-Fused Lasso, submitted to *Conference on Neural Information Processing Systems*, 2018
2. Raj Gautam Dutta, Yaodan Hu, Yier Jin, Feng Yu, and Teng Zhang, Security for Safety: A Path Toward Building Trusted Autonomous Vehicles. *International Conference On Computer Aided Design*, 2018.