# Majid Noroozi

Address: Department of Mathematical Sciences
373 Dunn Hall
University of Memphis
Memphis, TN 38152, USA
E-mail: mnoroozi@memphis.edu

## Education

**Ph.D. Applied Mathematics**, University of Central Florida, Orlando, FL, August 2020
Dissertation Title: Estimation and Clustering in Block Models
Advisor: Dr. Marianna Pensky

**M.S. Applied Mathematics**, University of Central Florida, Orlando, FL, May 2016

**M.S. Applied Mathematics**, K. N. Toosi University of Tech., Tehran, Iran, September 2009

## Academic Work Experience

**Assistant Professor**, University of Memphis, August 2021- present

**William Chauvenet Postdoctoral Lecturer**, Washington University in St. Louis, September 2020- June 2021

**Graduate Research Assistant**, University of Central Florida, January 2019-August 2020

**Graduate Teaching Assistant/Associate**, University of Central Florida, August 2014-August 2020

**Instructor**, Azad University, Karaj Branch, Karaj, Iran, 2010-2014

## Research Interests

- Network Models
- Clustering Methods

## Publications

- M. Noroozi, M. Pensky, and R. Rimal, *Sparse popularity adjusted stochastic block model*, Journal of Machine Learning Research 22 (2021), no. 193, 1–36.
- M. Noroozi, R. Rimal, M. Pensky. *Estimation and clustering in popularity adjusted stochastic block model*. *Journal of the Royal Statistical Society Series B*. 2021; 00:1–25. https://doi.org/10.1111/rssb.12410
- M. Noroozi and M. Pensky, *The hierarchy of block models*, Sankhya A (2021), 1–44.

## Teaching

University of Memphis

Assistant Professor

• Advanced Statistical Learning II (Spring 2022)

• Advanced Statistical Learning I (Fall 2021)

Washington University in St. Louis

William Chauvenet Postdoctoral Lecturer

• Elementary to Intermediate Statistics and Data Analysis (Spring 2021 and Fall 2020)

University of Central Florida

Graduate Student Instructor

• Calculus with Analytic Geometry II (Fall 2019, Fall 2018, and Summer 2017)

• Calculus with Analytic Geometry III (Summer 2018 and Fall 2017)

• Ordinary Differential Equations I (Spring 2018)

• College Trigonometry (Fall 2017)

• Matrix and Linear Algebra (Summer 2016)

Azad University, Karaj Branch, Karaj, Iran

Instructor

• Mathematics (Calculus) I (Spring 2013, Spring 2012, Fall 2011, Spring 2011, and Fall 2010)

• Mathematics (Calculus) II (Summer 2014, Spring 2013, Summer 2012, Summer 2011, and Spring 2011)

• Ordinary Differential Equations (Summer 2013, Spring 2013, and Summer 2010)

• Engineering Mathematics (Fall 2011)

• Discrete Mathematical Structures (Summer 2014, Spring 2014, and Fall 2012)

• Linear Algebra (Spring 2014 and Fall 2013)

## Honors and Awards

• Nominated for UCF Award for Excellence in Graduate Student Teaching in 2018-2019

• Award for Excellence in Graduate Student Teaching of College of Sciences at UCF in 2018-2019

• Teaching Excellence Award of Math Department at UCF in 2018

## Invited University Colloquium Talks

• "Estimation and Clustering in Popularity Adjusted Stochastic Block Model", University of Memphis, March 2021

• “Estimation and Clustering in Popularity Adjusted Stochastic Block Model”, University of California, San Diego, March 2021

• “Estimation and Clustering in Popularity Adjusted Stochastic Block Model”, University of South Alabama, March 2021

## Conference and Seminar Talks

• “The Hierarchy of Block Models”, 14th International Conference of the ERCIM WG on Computational and Methodological Statistics, December 2021

• “The Hierarchy of Block Models”, Symposium on Data Science & Statistics, June 2021

• “Estimation and Clustering in Popularity Adjusted Stochastic Block Model”, Statistics Seminar in the Department of Mathematics and Statistics at Washington University in St. Louis, MO, February 2021

• “Clustering in Sparse Popularity Adjusted Stochastic Block Model”, Contributed Paper Session, Probability and Statistics, Joint Mathematics Meetings (JMM) in Denver, CO, January 2020

• “Clustering in Popularity Adjusted Stochastic Block Model”, Contributed Paper Session, The 31st Cumberland Conference on Combinatorics, Graph Theory and Computing at University of Central Florida, May, 2019

• “Clustering in Popularity Adjusted Stochastic Block Model”, Spring School in Models and Data at University of South Carolina, March, 2019

• “Clustering in Popularity Adjusted Stochastic Block Model”, Special Session in Clustering Methods and Applications, I, American Mathematical Society (AMS) Sectional Meeting in Auburn University, March, 2019

• “Clustering in Popularity Adjusted Stochastic Block Model”, Contributed Paper Session, Statistics, Joint Mathematics Meetings (JMM) in Baltimore, MD, January 2019

## Referee for Academic Journal Articles

• Sankhya A