

# ***PhD Graduates***

## **MATHEMATICAL SCIENCES**

*(Degree conferred jointly by NJIT and Rutgers-Newark, New Jersey)*

### **Valeria Barra**

BS Mathematical Sciences, University of Siena, Siena, Italy

MS Mathematical Sciences, University of Siena, Siena, Italy

Dissertation:

*Numerical Simulations of Thin Viscoelastic Films*

Advisors:

Shahriar Afkhami, PhD

Lou Kondic, PhD

Shawn A. Chester, PhD

### **Rui Cao**

BS Information and Computational Science, Xi'an Jiaotong University, Xi'an,

Shanxi, People's Republic of China

MS Applied Mathematics, Stevens Institute of Technology, Hoboken, New Jersey

Dissertation:

*Numerical Methods and Simulation for the time Dependent Electrokinetic Flow*

Advisors:

Michael R. Booty, PhD

Michael S. Siegel, PhD

### **Szu-Pei Fu**

BBA Business Administration, Soochow University, Taipei, Tawan

MS Mathematical and Computational Finance, New Jersey Institute of Technology, Newark, New Jersey

Dissertation:

*Efficient Coarse-Grained Brownian Dynamics Simulations for DNA and Lipid Bilayer Membrane with Hydrodynamic Interactions*

Advisors:

Yuan-Nan Young, PhD

Shidong Jiang, PhD

**Xieyang Jia**

BS Public Health Management, Fudan University, Shanghai, People's Republic of China

MS Biostatistics, New Jersey Institute of Technology, Newark, New Jersey

Dissertation:

*Survival Analysis Using Archimedean Copulas*

Advisor:

Antai Wang, PhD

**Michael-Angelo Y.-H. Lam**

BS Applied Mathematics and Applied Physics, New Jersey Institute of Technology, Newark, New Jersey

MS Mathematical Sciences, New Jersey Institute of Technology, Newark, New Jersey

Dissertation:

*Instabilities in Nematic Liquid Crystal films and Droplets*

Advisors:

Linda J. Cummings, PhD

Lou Kondic, PhD

**Randolph J. Leiser**

BA Mathematics. The College of New Jersey, Ewing, New Jersey

Dissertation:

*Effects of Heterogeneity on Oscillatory Network Dynamics*

Advisor:

Horacio G. Rotstein, PhD

**Haiyang Qi**

BS Computational Mathematics, Jilin University Changchun, People's Republic of China

Dissertation:

*Boundary Integral Equation Based Numerical Solutions of Helmholtz Transmission Problems for Composite Scatters*

Advisor:

Catalin C. Turc, PhD

**Pejman Sanaei**

BS Mechanical Engineering, Shiraz University, Shiraz, Iran

MS Pure Mathematics, Shiraz University, Shiraz, Iran

MS Applied Statistics, New Jersey Institute of Technology, Newark, New Jersey

Dissertation:

*Mathematical Modeling of Membrane Filtration*

Advisor:

Linda J. Cummings, PhD

**Ivana Seric**

BS Mathematical Sciences, New Jersey Institute of Technology, Newark, New Jersey

Dissertation:

*Direct Computations of Marangoni Driven Flows Using a Volume of Fluid Method*

Advisors:

Shahriar Afkhami, PhD

Lou Kondic, PhD

**Yalin Zhu**

BS Statistics, Tianjin University of Finance and Economics, Tianjin, People's Republic of China

MS Applied Statistics, New Jersey Institute of Technology, Newark, New Jersey

Dissertation:

*Topics on Multiple Hypotheses Testing and Generalized Linear model*

Advisors:

Sunil K Dhar, PhD

Wenge Guo, PhD

## ***MASTER OF SCIENCE***

### ***Applied Mathematics***

Emel Khan

Brian Ruderman

Ugochukwu Obinna Ugwu

## ***Applied Statistics***

Yifei Cheng

Fuqiang Dong

Eli Seth Golden

Jia He

Liping Li

Shivam U. Patel

Tasha Patel

Tian Qin

Kevin David Rodriguez

Kevin Singer

Mo Zhu

## ***MATHEMATICAL AND COMPUTATIONAL FINANCE***

Malik Abdullae Aberedu

Akuwa Kalu

Gokul Medasani

Yi Zhou

## ***BACHELOR OF SCIENCE***

### ***MATHEMATICAL SCIENCES***

Thomas J. Bandeira

Ester J. Calderon

Elizabeth J. Castro

Elizabeth J. Daudelin

Jacob Drescher

Binah D. Ezra

Rahul Halder

Sonali Kamath

Peter G. Lehrer

Yun Ling

Matthew N. Marner

Beatriz McNabb

Ivan Mitevski

Alina P. Mohit-Tabatabai

Roman C. Passaro

Paulo Daniel Paz

Vincent W. Porcelli

Diego Antonio Rios Pineda

Michael A. Rivera

Achraf Safsafi

Elie R. Samaha

Xinjin Ye