

## STUDENT AWARDS

## GRADUATION CELEBRATION

### SIAM UW Award

For exceptional service to the University of Washington  
Chapter of SIAM for the 2014-2015 academic year

### Joseph Hammack Endowment Award

For outstanding work by a student  
in Applied Mathematics

### Boeing Research Award

For outstanding research by a student  
in Applied Mathematics

### Boeing Teaching Award

For outstanding teaching by a student  
in Applied Mathematics



**2015**

**June 13th**  
**9:00 AM - 11:00 AM**  
**Intellectual House**

# Schedule of Events

9:00 Refreshments

9:45 Welcome Address

Bernard Deconinck

Student Awards

Bernard Deconinck

Introduction to Master of Science Recipients

Mark Kot, Doug Martin

Introduction to Doctor of Philosophy Recipients

Nathan Kutz

Mikala C. Johnson

Pedro D. Maia

Georg Luebeck

Kathleen M. Curtius

Bernard Deconinck

Natalie E. Sheils

Olga Trichtchenko

10:45 Cake & Toast to Graduates, Followed by Photos

# Doctors of Philosophy

Natasha A. Cayco Gajic

Coordinated Neural Activity: Mechanistic Origins and Impact on Stimulus Coding

Kathleen M. Curtius

Multiscale Modeling of Esophageal Adenocarcinoma

Xing Fu

Integrating Data-Driven Methods in Nonlinear Dynamical Systems: Control, Sparsity and Machine Learning

Mikala C. Johnson

Self-Optimizing Metamaterial Antennas

Pedro D. Maia

Mathematical Modeling of Focal Axonal Swellings Arising in Traumatic Brain Injuries and Neurodegenerative Diseases

Natalie E. Sheils

Interface Problems Using the Unified Transform Method

Olga Trichtchenko

On the Instability of Water Waves with Surface Tension

# Masters of Science

Applied Mathematics

Lincoln D. Atkinson

Gaurav Chanda

Sy Yeu Chou

Xian Dai

Brisa N. Davis

Xiao Dong

Cynthia Freeman

Christopher William Fuller

Qingxiu Gao

Alborz Ghofrani

Andrew B. Giffin

Marcelo Guerra Hahn

Qingxiu Guo

Jennifer Lynn Hanson

Nikki L. Holtzer

Andrew J. Huddleston

Bronwyn May Hughes

Mark L. Humphery-Jenner

Peter John

Leah Johnson

Chad Nicholas Keeney

Zhipeng Liu

Xiaojuan Liu

Mark Joseph Luckeroth

Kelsey L. Maass

Krithika Manohar

Ralph J. Marshall

Vincent C. Miragliotta

Pavel Mironchik

Amber L. Mozeleski

Jacob John Olsufka

Jacob E. Ortega-Gingrich

Kenneth J. Roche

Julia A. Santos

Damian A. von Schoenborn

Peter T. Sentz

Jumana W. Shahin

Wanting Shao

Saumya Sinha

Steven Jesse Spackman

Yue Wang

Melanie Weber

Jonathan S. Wong

Alexander P. Wright

Hao Wu

Peng Zheng

Hai Zhu

Computational Finance  
and Risk Management

Jared Midimo Abwawo

Jennifer L. Ahlport

Ross M. Bennett

Kedar S. Bokil

Tianran Chen

Yuan Cheng

Andrew Lawson Coogan

Ronald Crudup

Brad W. Galton

Patrick Guelah

Jung Ho Heo

Jui-Shan Hsu

Ankur Kandikatla

Paul Kauders

Felix Kotey

Brain Lau

Yang Li

Meng Li

Yue Ma

Gerald Ngwa Mofor

Michael P. Munley

Jaiganesh Prabhakaran

Xuedan Shao

Pankaj K. Singh

Jonathan E. Spinney

Siqi Su

Yuqi Sun

Yu Tang

Eric M. Thaut

Stephen Wagemann

Sicheng Wang

Ting Wang

Shuo Wang

Xiao Wang

Galina E. Warner

Yueting Wu

Yue Wu

Yao Xie

Jiasheng Ye

Yifei Zhang

Tianqi Zhang