FALL COMMENCEMENT
CEREMONY
DECEMBER 19, 2018 | 2 PM
BROOKS AVENUE CHURCH OF CHRIST
700 BROOKS AVENUE | RALEIGH, NC 27607

Have family and friends who couldn’t attend? Watch the ceremony live at go.ncsu.edu/ISEGraduation
WELCOME
Dr. Kanton Reynolds
Teaching Associate Professor and Director of Undergraduate Programs

INTRODUCTION OF FACULTY AND STAFF
Dr. Julie Swann
Edgar S. Woolard Distinguished Professor and Department Head

COMMENCEMENT ADDRESS
Dr. Binil Starly
Professor and 2018 C.A. Anderson Outstanding Faculty Award Winner

AWARDING OF DIPLOMAS
Dr. Julie Swann
Dr. Michael Kay
Dr. Kanton Reynolds

You are cordially invited to a reception in the Fellowship Hall at the conclusion of this program.

FACULTY

Mahmoud A. Ayoub
Richard H. Bernhard
Karen B. Chen
Paul H. Cohen
C. Thomas Culbreth
Jingyan Dong
Shu-Cherng Fang
Xiaolei Fang
Yahya Fathi
Ola L. A. Harrysson
Thom J. Hodgson
Timothy J. Horn
Julie S. Ivy
Michael G. Kay
Russell E. King
Yuan-Shin Lee
Yunan Liu
Jason C. Low
Louis Martin-Vega, Dean
Maria E. Mayorga
Chang S. Nam
Henry L. W. Nuttle
Osman Y. Ozaltin
Richard G. Pearson
Kanton Reynolds
Stephen D. Roberts
Christopher D. Rock
Ezat T. Sanii
Sara Shashaani
Rohan A. Shirwaiker
Clarence L. Smith
Binil Starly
Julie L. Swann
Javad Taheri
Reha Uzsoy
Hong Wan
Harvey West II
James R. Wilson
Richard A. Wysk
Xu Xu
Robert E. Young

STAFF

Debbie Allgood-Staton
Steven Bigelow
Wendy Blue
Gary Downey
Jeffrey Hoyle
Justin Lancaster
Robert Lasson
Daniel Leonard
Tim McGlothlin
Stephen McNierney
Mirtha Perazza
Christina Pucci
Amy Roosje
Linda Smith
Danita Taylor
Nataliya Vanchosovych
Mike Walsh
Karen Welton
Heather White
Dawn Wilkins
Chet Wyrick
DOCTOR OF PHILOSOPHY IN INDUSTRIAL ENGINEERING

KATIE L. BASINGER
Dissertation: Mechanically Stimulating Tissue in vitro: A Case Study of Split Thickness Porcine Skin
Advisors: Dr. Richard Wysk and Dr. Ola Harrysson

RACHEL MARIE TOWNSLEY
Dissertation: An Examination of Individual Sequential Behavior Modeling in the Context of Healthcare Simulation
Advisor: Dr. Maria Mayorga

YIWEI HAN
Dissertation: High-Resolution Electrohydrodynamic (EHD) 3D Printing of Function Materials
Advisor: Dr. Jingyan Dong

IMAN VASHEGHANI FARAHANI
Dissertation: Time Series Motifs in Practice
Advisors: Dr. Michael Kay and Dr. Russell King

CARLOS LECA
Dissertation: Modeling Ductal Carcinoma in Situ Management
Advisor: Dr. Michael G. Kay

CAROLINE E. WEBSTER
Dissertation: Research in Support of the Design of a Hemiarthroplasty for Osteosarcoma of the Distal Radius in a Veterinary Model
Advisors: Dr. Ola Harrysson and Dr. Denis Marcellin

NEHA MAHADAS
Advisor: Dr. Yahya Fathi

PEI YU HOU
Advisor: Dr. Xu Xu

KARTHIK MARNENI
Advisor: Dr. Michael G. Kay

AKSHAY SHRIPAL NARADE
Advisor: Dr. Michael G. Kay

JUAN OREJEL OREJEL
Advisor: Dr. Yahya Fathi

XIAOJUN ZHANG
Advisor: Dr. Michael G. Kay

MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING

CHRISTOPHER JAMES KELLY
Thesis: Automatic Feature Based Inspection and Qualification for Additively Manufactured Parts with Critical Tolerances
Advisors: Dr. Richard Wysk and Dr. Ola Harrysson

GIMANTHA NAHIL PERERA
Thesis: Checklists in Healthcare: Operational Improvement of Standards using Safety Engineering (Project CHOISSE) - Early Phase Analysis and Results
Advisor: Dr. Julie Ivy

JAMES DANIEL SHIRLEY
Thesis: Effects of Dynamic Automation Function Allocations on Operator Situation Awareness and Cognitive Workload in UAV Control
Advisors: Dr. David Kaber

MASTER OF INDUSTRIAL ENGINEERING

YIMO HO
Advisor: Dr. Michael G. Kay

KARTHIK MARNENI
Advisor: Dr. Michael G. Kay

VALERIA SOTO MARQUEZ
Advisor: Dr. Michael G. Kay

PEI YU HOU
Advisor: Dr. Xu Xu

AKSHAY SHRIPAL NARADE
Advisor: Dr. Michael G. Kay

RISHABH SUNDARESWARAN
Advisor: Dr. Dr. Yahya Fathi

CARLOS LECA
Advisor: Dr. Michael G. Kay

JUAN OREJEL OREJEL
Advisor: Dr. Yahya Fathi

XIAOJUN ZHANG
Advisor: Dr. Michael G. Kay

NEHA MAHADAS
Advisor: Dr. Yahya Fathi

PRANAV PALLOD
Advisor: Dr. Yahya Fathi
DOCTOR OF PHILOSOPHY IN OPERATIONS RESEARCH

MARIA CATHERINE JANSEN  
Dissertation: Mathematical Models for Influenza Vaccine Production and Distribution  
Advisors: Dr. Osman Ozaltin

XIUQI LI  
Dissertation: Bayesian Classification and Change Point Detection for Functional Data  
Advisor: Dr. Subhashis Ghoshal

MASTER OF OPERATIONS RESEARCH

SAMAN ASVADI  
Advisor: Dr. Michael G. Kay

NEHA PATANKAR  
Advisor: Dr. Michael G. Kay

SANKET JATIN SHETH  
Advisor: Dr. Michael G. Kay

SOHAM SANJAY JOSHI  
Advisor: Dr. Michael G. Kay

SWAPNIL PILLAI  
Advisor: Dr. Michael G. Kay

SHRADHA  
Advisor: Dr. Michael G. Kay

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

TREVOR BRYANT
RODRIGO CABRERA
BRIAN CHEN
AJ COLE III
ADAM DORR
WILL DULEY
SHADIA SHATANA SAVINA GARRISON
NATHAN HILBRANDS
MATTHEW HUTMACHER
ROLLIN JENKINS
KURTIS KONRAD
SAMANTHA LABERTEW
TANYA LAGUNAS-M

MAHLON MATTHEWS
MALLORY MEISSNER
MICHELLE NACLERIO
RACHEL NAGLEY
SPAIN NIEMER
JESSICA NOLTING
LUKE OLIVER
MIKAYLA LYNNE SLOMSKI
OWEN SPANGLER
STEPHANIE STUgg
JIANAN TANG
MATTHEW WHITE

UNDERGRADUATE DEGREE HONOR DESIGNATIONS

CUM LAUDE - GPA 3.25 - 3.499
White Sash

MAGNA CUM LAUDE - GPA 3.5 - 3.749
Silver Sash

SUMMA CUM LAUDE - GPA 3.75 +
Gold Sash

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