

NC STATE UNIVERSITY



EDWARD P. FITTS DEPARTMENT OF
INDUSTRIAL AND SYSTEMS ENGINEERING



SPRING COMMENCEMENT CEREMONY

MAY 11, 2019 | 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
A. Doug Allison Distinguished Professor and Department Head

COMMENCEMENT ADDRESS

Rashida Hodge
VP, IBM Insurance Industry and ISE Alumna

AWARDING OF DIPLOMAS

Dr. Julie Swann
Dr. Yahya Fathi
Dr. Kanton Reynolds

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

FACULTY

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

STAFF

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

DOCTOR OF PHILOSOPHY IN INDUSTRIAL ENGINEERING

QI AN

Dissertation: Strategic Vertical Integration and Decentralization

Advisor: Dr. Shu-Cherng Fang

KARTHICK GOPALSWAMY

Dissertation: Production Planning with Clearing Functions: Data-driven Approaches and Conic Programming

Advisor: Dr. Reha Uzsoy

NABARUNA KARMAKAR

Dissertation: Data-Driven Optimization and Decision Making for Signal Timing on Coordinated Arterial Streets

Advisors: Dr. Michael Kay and Dr. Billy Williams

MEI YING LAU

Dissertation: Development of a Severity Measure for Fault Tree Analysis and an Intuitive Fault Tree Analysis Software Prototype

Advisor: Dr. David Kaber

YU LIANG LIN

Dissertation: The Joint Replenishment Problem and Extensions

Advisor: Dr. Shu-Cherng Fang

KATHRYN NORA SMITH

Dissertation: Modeling the Improvement of Access and Patient Engagement in Medication Delivery

Advisors: Dr. Julie Ivy and Dr. Ana Vila-Parrish

IMAN VASHEGHANI FARAHANI

Dissertation: Time Series Motifs in Practice

Advisors: Dr. Michael Kay and Dr. Russell King

MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING

ELENA KOSTENKO

Thesis: Effects of Mechanical and Electrochemical Processes in Achievement of High-Performance Biocompatible Additively Manufactured Stainless Steel Orthodontic Brackets

Advisors: Dr. Yuan-Shin Lee

MASTER OF INDUSTRIAL ENGINEERING

EBTSAM ALSHEHRI

Advisor: Dr. Michael G. Kay

ASHISH KUMAR ATRI

Advisor: Dr. Michael G. Kay

YASH BAJORIA

Advisor: Dr. Michael G. Kay

ANIRUDH ROHIT CHANDRASEKAR

Advisor: Dr. Michael G. Kay

AKSHAY CHAUDHARI

Advisor: Dr. Michael G. Kay

PRANAB DEEPAK

Advisor: Dr. Michael G. Kay

BANDEEP SINGH DUA

Advisor: Dr. Michael G. Kay

JAMES DURST

Advisor: Dr. Reha Uzsoy

MAHESH GANESH

Advisor: Dr. Michael G. Kay

KALENE MARIE HANSON

Advisor: Dr. Dr. Yahya Fathi

TANZID HASNAIN

Advisor: Dr. Michael G. Kay

BHARGAV BAL REDDY KALAKADA

Advisor: Dr. Michael G. Kay

AKSHAI KALPANA NARAYANAN

Advisor: Dr. Michael G. Kay

TRUPAL KAMDAR

Advisor: Dr. Michael G. Kay

ABHEET KHAIRA

Advisor: Dr. Yahya Fathi

SHAUNAK KHARE

Advisor: Dr. Michael G. Kay

KURTIS KONRAD

Advisor: Dr. Michael G. Kay

ELIOT JONG LEE

Advisor: Dr. Michael G. Kay

NEHA MAHADAS

Advisor: Dr. Yahya Fathi

KARTHIK MARNENI

Advisor: Dr. Michael G. Kay

HARSH MEHTA

Advisor: Dr. Michael G. Kay

AKSHAY MILWANI

Advisor: Dr. Michael G. Kay

AKSHAY SHRIPAL NARADE

Advisor: Dr. Michael G. Kay

STITHA PRAYJNA PANDA

Advisor: Dr. Michael G. Kay

HARSH BHAGWANDAS PATEL

Advisor: Dr. Michael G. Kay

THOUFIQUE ALI KHAN PATHAN

Advisor: Dr. Michael G. Kay

ARVIND SRIRAM PRABAKAR

Advisor: Dr. Yahya Fathi

VARCHASVI RAGHAVENDRA

Advisor: Dr. Michael Kay

ADITYA RAI

Advisor: Dr. Yahya Fathi

BHARATH RAMACHANDRAN

Advisor: Dr. Michael G. Kay

PRIYANGELI SELVAKUMAR PANDISELVI

Advisor: Dr. Michael G. Kay

HARSH SHAH

Advisor: Dr. Michael G. Kay

SHALIN SHAH

Advisor: Dr. Michael G. Kay

DEEPANSHU SHARMA

Advisor: Dr. Michael G. Kay

CALEB SHEFFIELD

Advisor: Dr. Thom Hodgson

CHAITHRA SHETTY

Advisor: Dr. Michael G. Kay

ANIRUDH BARADWAJ SRIDHAR

Advisor: Dr. Michael G. Kay

VIPIN SURENDRAN

Advisor: Dr. Michael G. Kay

AARON THOMAS

Advisor: Dr. Yahya Fathi

ALEC THOMAS

Advisor: Dr. Yahya Fathi

CHING-HSIANG WANG

Advisor: Dr. Michael G. Kay

CASEY J WILLIAMS

Advisor: Dr. Maria E. Mayorga

AJINKYA YERMALKAR

Advisor: Dr. Michael G. Kay

DOCTOR OF PHILOSOPHY IN OPERATIONS RESEARCH

JOSEPH KAPENA AGOR

Dissertation: Feature Selection and Score Development Methods with Health Care Applications

Advisor: Dr. Osman Ozaltin

MASTER OF SCIENCE IN OPERATIONS RESEARCH

JOHN KEARBY

Thesis: Time-Staged Network Flow Modeling and Transportation Planning for Noncombatant Evacuation Operations in South Korea

Advisor: Dr. Brandon M. McConnell

MASTER OF OPERATIONS RESEARCH

SURAJ ADDAGARLA

Advisor: Dr. Michael G. Kay

MATTHEW THOMAS FLETCHER

Advisor: Dr. Brandon M. McConnell

SANAZ GOLDANI

Advisor: Dr. Yahya Fathi

PRAGUN GUPTA

Advisor: Dr. Michael G. Kay

SOHAM SANJAY JOSHI

Advisor: Dr. Michael G. Kay

MADHU KIRAN CHOWDARY KOLLI

Advisor: Dr. Michael G. Kay

JONATHAN MICHAEL LOVIN

Advisor: Dr. Michael G. Kay

ZACHARY IVAN MARTIN

Advisor: Dr. Brandon M. McConnell

SATYAJIT NARAYANAN

Advisor: Dr. Michael G. Kay

SHAWN VARGHESE RAJAN

Advisor: Dr. Michael G. Kay

NAMRATHA PRABHU

Advisor: Dr. Michael G. Kay

SHRADHA

Advisor: Dr. Michael G. Kay

JIBIN THOMAS

Advisor: Dr. Michael G. Kay

YU ZHUANG

Advisor: Dr. Michael G. Kay

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

HISHAM ABU NIMEH

JUAN ARIAS

TORI ATKINS

ADDIE BALLARD

DAVID BARNES

JENNY BREESE

STEPHEN BRYANT

BAILEY BUTLER

HANNAH CAISON

MADELINE CARINGI

BRIAN CHEN

GUSTAVO DARQUEA

CAITLIN DAUGHERTY

JOSHUA MANUEL ESPINOZA-STACY

JOANNA FLETCHER

LISA GROSSMAN

MATT HALSTED

SARAH HARTZOG

RACHEL HICKS

BLAKE HILGEN

MADISON HUCKABEE *

JACKSON HUDSON

ANTON IPSEN

JUMANA JALMIRAN

TREA JOHNSON

ZACK JOHNSON

ALEXIS JONES

WESLEY JONES

MADELYN LAMMERT

TROY LUDDY *

BRYCEN MOSER

EMILY MURPHY

SEAN MURRAY

CHELSEA NAGY

JACOB NAGY

TREY POFF

ALEX PORTER

ZOLTAN PUKANECZ

CAITLIN ROGERS

KYLE ROGERS

GIBSON RUSSELL

JOSEPH SCOTT

LAURIEBETH SHAPIRO

MATT SIMPSON

NISHANT SINGH

NICOLA SINK

AUSTIN SOELL

STEWART SPANBAUER

BEN TALBERT

SARAH TROXELL

ELIZABETH UNDERKOFFLER

MACIE WARE

ELLEN WILSON

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

* Summer 1

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