

NC STATE UNIVERSITY



EDWARD P. FITTS DEPARTMENT OF  
INDUSTRIAL AND SYSTEMS ENGINEERING



# SPRING COMMENCEMENT CEREMONY

MAY 6, 2022 | 11 AM

McKIMMON CENTER

1101 GORMAN STREET | RALEIGH, NC 27606

*Have family and friends who couldn't attend? Watch  
the ceremony live at [go.ncsu.edu/ISEGraduation](https://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

Bhavana Bartholf  
Global Head Digital and Sales Strategy, Commercial Solution Areas, Microsoft  
MIMSE 2000

## AWARDING OF DIPLOMAS

Dr. Julie Swann  
Dr. Russell King  
Dr. Kanton Reynolds

*At the conclusion of this program, you are cordially invited  
to a reception in an adjacent room of the McKimmon Center.*

### FACULTY

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

### STAFF

Julia Abate	Jeffrey Hoyle	Linda Smith	Dawn Wilkins
Debbie Allgood-Staton	Justin Lancaster	Danita Taylor	Chet Wyrick
Timothy Coleman	Robert Lasson	Bailey Ulm	Mabel Yancy
Wendy Coleman-Blue	Stephen McNierney	Wanda Urbanska	
Gary Downey	Jasmine Petway	Karen Welton	
Will Heath	Christina Pucci	Heather White	

## DOCTOR OF PHILOSOPHY IN INDUSTRIAL ENGINEERING

### YI WANG

**Dissertation:** Design, Fabrication, and Implantation Control of Flexible Neural Microprobes for Medical Neurology Applications  
**Advisor:** Dr. Yuan-Shin Lee

## MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING

### SEAN MARCH

**Thesis:** Describing Demand Difficulty in Spare Parts Supply Chains with Heterogeneous Intermittent Demand  
**Advisor:** Dr. Brandon M. McConnell

### YUNHAO ZHANG

**Thesis:** A First-Principle Model Simulation for Paper Drying Process  
**Advisor:** Dr. Yuan-Shin Lee

## MASTER OF INDUSTRIAL ENGINEERING

### SULEMAN ASIF

**Advisor:** Dr. Rohan A. Shirwaiker

### ELISABETH DILL

**Advisor:** Dr. S. Sebnem Ahiska King

### HERMISH GANDHI

**Advisor:** Dr. S. Sebnem Ahiska King

### NIKKI GORRELL

**Advisor:** Dr. S. Sebnem Ahiska King

### BENJAMIN HOWIE

**Advisor:** Dr. S. Sebnem Ahiska King

### AJAY NARAYANAN

**Advisor:** Dr. S. Sebnem Ahiska King

### DIPTI PATIL

**Advisor:** Dr. S. Sebnem Ahiska King

### ANKIT SHAH

**Advisor:** Dr. Michael G. Kay

### YADAVALLI VAISHNAVI

**Advisor:** Dr. S. Sebnem Ahiska King

### YI KUAN YEH

**Advisor:** Dr. S. Sebnem Ahiska King

### GREGORY YOUNG

**Advisor:** Dr. Brandon M. McConnell

## DOCTOR OF PHILOSOPHY IN OPERATIONS RESEARCH

### JOHNNY R. GILLINGS

**Dissertation:** Optimal Distribution of Malaria Intervention Resources with Nonlinear Programming and a Compartmental Model  
**Advisors:** Drs. Julie Ivy and Negash Medhin

### GREGORY T. HAUSER

**Dissertation:** A Dialogue of Optimization and Matching Theory  
**Advisors:** Drs. Reha Uzsoy and Umut Dur

## MASTER OF OPERATIONS RESEARCH

### SRINIVASAN BALAN

**Advisor:** Dr. Michael Kay

### CAMERON LISY

**Advisor:** Dr. Michael Kay

### JULIANA PIN

**Advisor:** Dr. Michael Kay

### DEMETRA PROTOGYROU

**Advisor:** Dr. Brandon McConnell

### CAMERON WITTE

**Advisor:** Dr. Brandon McConnell

## MASTER OF ENGINEERING MANAGEMENT

### ALEXANDRA (RADER) GARDNER

**Advisor:** Dr. Brandon M. McConnell

### DELSHAD ZAKER

**Advisor:** Dr. Julie Ivy

## BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

MOAAD AL WAKIL  
KYLEE ALONS  
JONAH T. ANDREWS  
JOSEPH A. BARNABEI  
HANNAH BAUER  
KEEGAN BIGONESS  
RACHEL BOSWELL  
KYLE BROWNING  
ROB BUTLER  
CLAIRE CARTER  
JOCELYN CHASE \*\*  
CATHERINE CHIRICHILLO  
MATTHEW CLAYTON  
CAT L. COBB  
MATTHEW COFFEY  
MIRIAM COLGLAZIER  
JOHN CORLEY  
MADISON A. CRICK  
CHASE DEL CHARCO  
LUKE DEVAL  
MATTHEW T. DOWD \*  
TANNER DREW  
AXEL J. FLORES-ROMAN  
SYDNEY FLOYD  
GRACE GREENE  
WESLEY C. HANKINSON

RACHEL C. HARRIS  
JASON HOHE  
KYLE HOUSE  
ALEC J. KARAM  
BRENNAN KENNEY  
ABBY LAMPE  
MERIEM LAROUSSI  
JACKSON R. LAW  
EAN C. LAWRENCE  
JESSICA LEE  
TAFUI M. LEGGARD  
FLAVIO C. LEON  
BRENDAN C. LITTLE  
MARIA H. MACKIE  
AMRITA MALUR  
KYLE MARGESON  
STACY MCDEARMON  
THAD MCINNIS  
MOLLY MCLEAN  
SOPHIE MINNICK  
GERARDO MORADO  
ANNA NAJJAR  
MICAH T. PERRY  
JOSEPH POBRICA  
CAROL POLLAK  
SAIESH PRABHU

THOMAS W. QUINN  
CHYUDE T. ROJANASOONTHON  
SARAH RUSSELL  
ALYSSA SAIDIZAND  
BRIAN A. SCOTT  
PHILLIP SELLERS  
JORDAN SHORE  
CONNOR SIMPSON  
EVELYN STOUSE  
LILY SULLIVAN  
JULIE TALBOT  
ANNA TAVERNARO  
HANNAH L. TEETERS  
MELISSA TENNANT  
CHRISTOPHER TOY  
RYMA TRIMECH  
LYDIA UNDERWOOD  
JEEL VACHHANI  
CHRISTAL WALKER  
JACK R. WERNER  
HASSON WESHAH  
BHARAT M. YADAV  
HAZAL YIGIT  
DAYANG ZHENG  
ENEKO H. ZUBIZARRETA

\* Summer 1

\*\* Summer 2

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reception in an adjacent room of the  
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### 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