

Industrial and Systems Engineering Graduate Student Open House



Dr. Katie McConky
Associate Professor
Director of ISE Graduate Program
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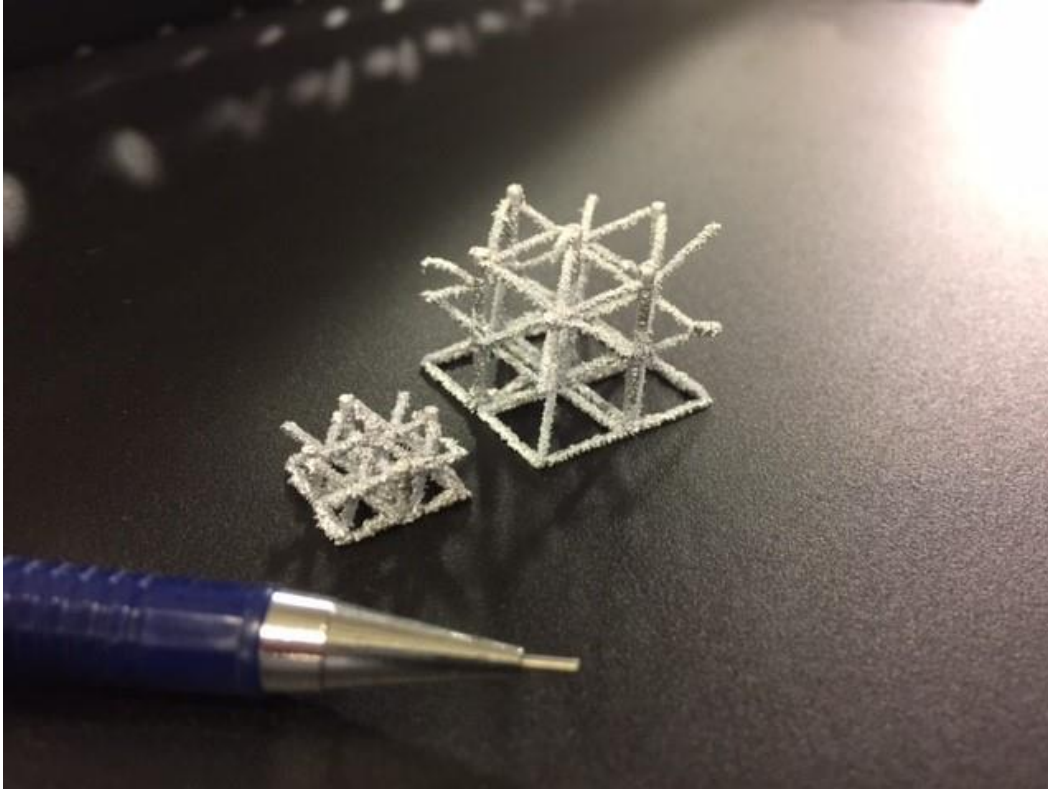
Dr. Katie McConky
Associate Professor
RIT Grad '05, '07



Prashant Sankaran
PhD Candidate
RIT Grad MS-ISE '19

Agenda

- Program Options
- Why ISE @ RIT
- Sample Research Projects
- Where an RIT degree can take you
- Next Steps
- Questions



What do Industrial Engineers do?

- IE focuses on the design, development , and optimization of the process by which products (and services) are made.
- IEs make sure products are produced **cost-effectively, safely and sustainably**, and are of **high quality**.
- IEs also make sure the system is designed with all **human stakeholders** (workers, end users, etc.) in mind.
- IEs work in all types of environments, at every stage of the **product lifecycle**.

ISE Graduate Degree Program Options

- **Master of Science (MS)**
 - Industrial and Systems Engineering
 - Sustainable Engineering
- **Master of Engineering (ME)**
 - Engineering Management
- **PhD Mechanical and Industrial Engineering (PhD)**

- **Master of Science (MS)**

- Industrial and Systems Engineering
- Sustainable Engineering

~ 2 Years

Option	Courses Credits	Other Requirement
Thesis	8 Courses	6 Thesis Credits
Project With Paper	9 Courses	Project w/Paper Course (3 credits)
Capstone Project	9 Courses	Capstone Project Course (3 credits)

- **Master of Engineering (ME)**

- Engineering Management
- 9 courses and Engineering Capstone Course.

~ 2 Years

RIT | Rochester Institute of Technology

Why ISE @ RIT?



Small Friendly Department

54 MS/ME

23 PhD

14 Faculty



Excellent Research Opportunities



World Class Labs and Facilities



Co-op

Real world
experience to
advance your
career

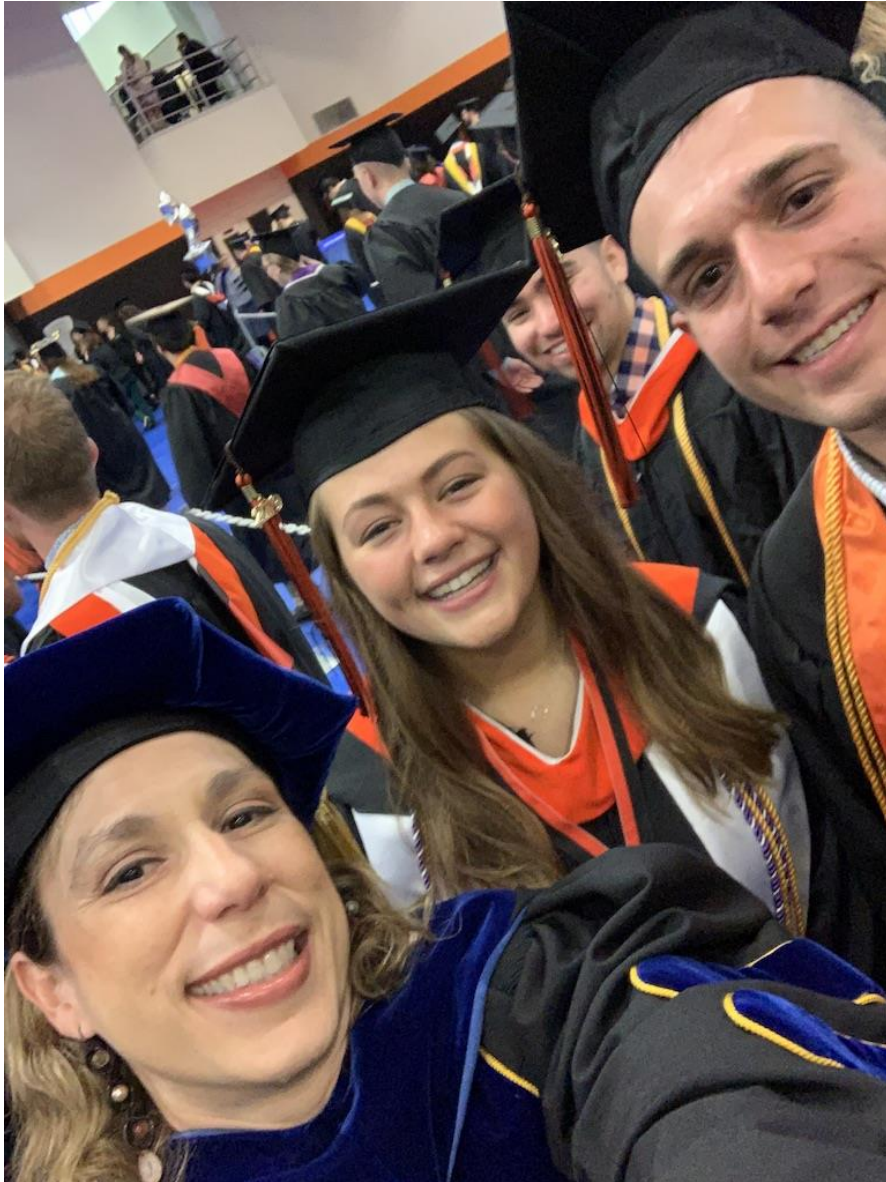


Sample Research Projects





AMPrint Center



Where can an RIT degree take you?





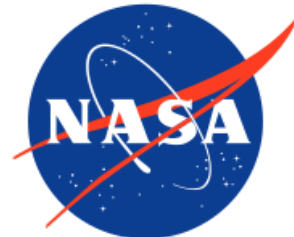
ALSTOM



nielsen



Wegmans



TESLA



Deloitte.

Next Steps



Admissions Process

- **GRE**
- **TOEFL / IELTS**
- **Undergraduate GPA ~3.00/4.00**
- **Rolling Admissions Process**
- **Recommended Date is January 15th for Fall 2021**
- **Do not start your personal essay with
“When I was a child...”**

ISE Graduate Program Directors



- **Dr. Katie McConky**
 - ME Engineering Management
 - MS Industrial and Systems Engineering



- **Dr. Brian Thorn**
 - MS Sustainable Engineering

Questions

Questions,
Comments, and/or
Discussion

Contact Information: ktmeie@rit.edu www.rit.edu/kgcoe/ise/

Can advise thesis and
project with paper

Can advise only project
with paper

ISE Faculty



Dr. Nasibeh Azadeh Far
Assistant Professor



Prof. Robin Borkholder
Senior Lecturer



Prof. John Bonzo
Lecturer



Dr. Denis Cormier
Brinkman Professor



Dr. Patti Cyr
Lecturer



Prof. Tony DiVasta
Lecturer & Toyota
Production Lab Director



Dr. Marcos Esterman
Associate Professor



Dr. Mike Kuhl
Professor



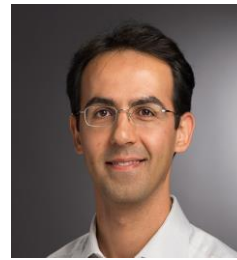
Dr. Matt Marshall
**Professor &
Associate Dean**



Dr. Katie McConky
Associate Professor



Dr. Ruben Proano
Associate Professor



Dr. Ehsan Rashedi
Assistant Professor



Dr. Iris Rivero
**Kate Gleason Professor &
Department Head**



Dr. Brian Thorn
Professor



Dr. Yunbo Zhang
Assistant Professor