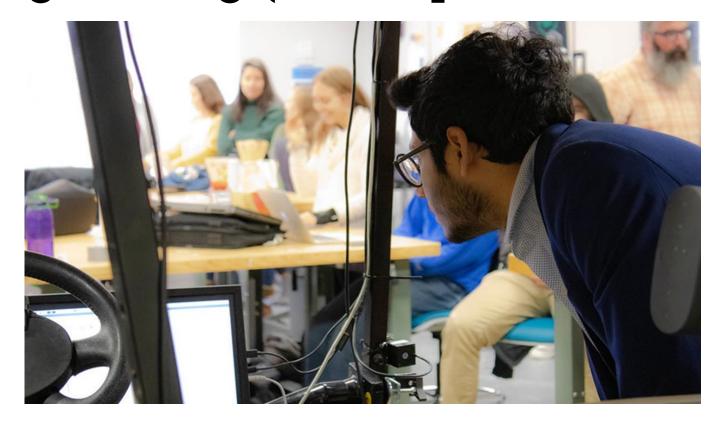
College of Integrated Science and Engineering

Summer Orientation 2024

Drs. Jeffrey Tang and Afzal Upal Associate Deans



Welcome to the College of Integrated Science and Engineering (CISE – pronounced "size")!



We value theoretical knowledge, but we thrive on applying that knowledge.

Small Group Discussion

Transitioning from your current institution to JMU

- What do you expect will be the same/familiar?
- What do you expect to be different?



Sharing Your Conversations

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Transitioning to JMU

Similar

- Hard work is rewarded
- Academics are your job
- Extracurriculars
- Balance fun and studying
- Opportunities to learn
- Core requirements & electives

Different

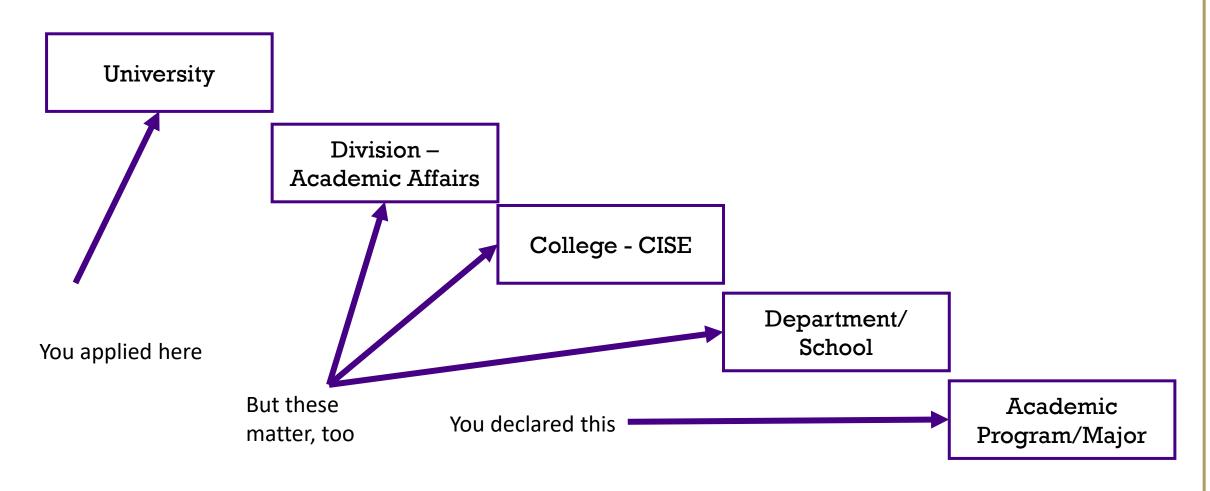
- More freedom
 - Choice of classes/major & more to choose from
- More research options

Small Group Discussion

How will you handle challenges that come with those differences?



Simplified organizational structure of JMU



CISE Academic Unit Heads



Computer Science Vetria Byrd



Engineering Adebayo Ogundipe



Integrated Sciences, GEOG & IA Henry Way



Integrated Sciences, ISAT Stephanie Stockwell

What you can expect in CISE

- Small class sizes, especially in junior and senior years
- State-of-the-art equipment and facilities
- A passionate commitment to outstanding education
- Mixture of instructional styles
 - Active learning
 - Hands-on activities
 - Traditional lectures
 - Team-based learning



What Makes CISE Distinctive

- Applied Science and Technology focus
- Thrive on applying that knowledge
- We prepare students to solve challenging problems
 - Focus on science and technology
 - But never forgetting the human element



Complex Problems Demand Diverse Teams





CISE majors



Small Group Discussion

What are the biggest or most important unknowns for you about your major? About JMU?



What we ask of you

- Bring your best effort
- Work with others with humility
- Push yourself beyond your comfort zone
- Make academics your priority



CISE is a Part of JMU

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Take Advantage of JMU's Many Strengths



Choosing majors and minors

- You can change majors at any time Let your interests and your strengths guide you
- Some students choose to double-major or add one or more minors
- Plan ahead: prerequisite structures limit flexibility
- Admissions standards
 - Computer Science
 - Engineering
 - Intelligence Analysis

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Opportunities

- Undergraduate Research
- Internships
- Study abroad/away: CISE programs from Costa Rica to Australia to Germany to Malta and more





Preparing you to succeed...with many options!

- Variety of paths after graduation
 - Jobs with Businesses or Government
 - Graduate School
 - Start-up Companies
 - Service Work Peace Corps, Teach for America, etc.
- We help you in this process
 - CISE Career and Internship Fair
 - University Career Center



Questions?

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