



FLORIDA GULF COAST UNIVERSITY
DEPARTMENT OF MATHEMATICS

MATHEMATICS SEMINAR

FRIDAY

MARCH 15TH, 2019

FLORIDA GULF COAST UNIVERSITY

ROOM 124

MERWIN HALL

3:30 PM– 4:30 PM

MATHEMATICS FOR SUSTAINABILITY

GUEST SPEAKER: DR. JACOB DUNCAN

WINONA STATE UNIVERSITY
MATHEMATICS & STATISTICS



SOME OF THE BIGGEST CHALLENGES FACING HUMANITY TODAY STEM FROM ISSUES SURROUNDING ENVIRONMENTAL DEGRADATION AND SOCIAL INJUSTICE, AND THE NEED TO ADDRESS THE RAMIFICATIONS OF THESE ISSUES FROM A STEM PERSPECTIVE IS GREATER THAN EVER.

THIS TALK CENTERS AROUND THE COURSE MATHEMATICS FOR SUSTAINABILITY WHICH DEVELOPS AND APPLIES MATHEMATICAL CONCEPTS AND TOOLS TO QUANTITATIVELY EXPLORE REAL-WORLD, TOPICAL PROBLEMS PERTAINING TO ENVIRONMENTAL AND SOCIAL SUSTAINABILITY. TOPICS ARE MOTIVATED BY EXCITING HANDS-ON EXPERIENCES – EXPERIMENTS, DEMONSTRATIONS, OUTDOOR DATA COLLECTION EXCURSIONS – FROM RELEVANT STEM FIELDS.

LIGHT REFRESHMENTS WILL BE PROVIDED



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