



FLORIDA GULF COAST UNIVERSITY  
DEPARTMENT OF MATHEMATICS

# MATHEMATICS SEMINAR

FRIDAY

FEBRUARY 9<sup>TH</sup>, 2018

FLORIDA GULF COAST UNIVERSITY

ROOM 200

MARIEB HALL

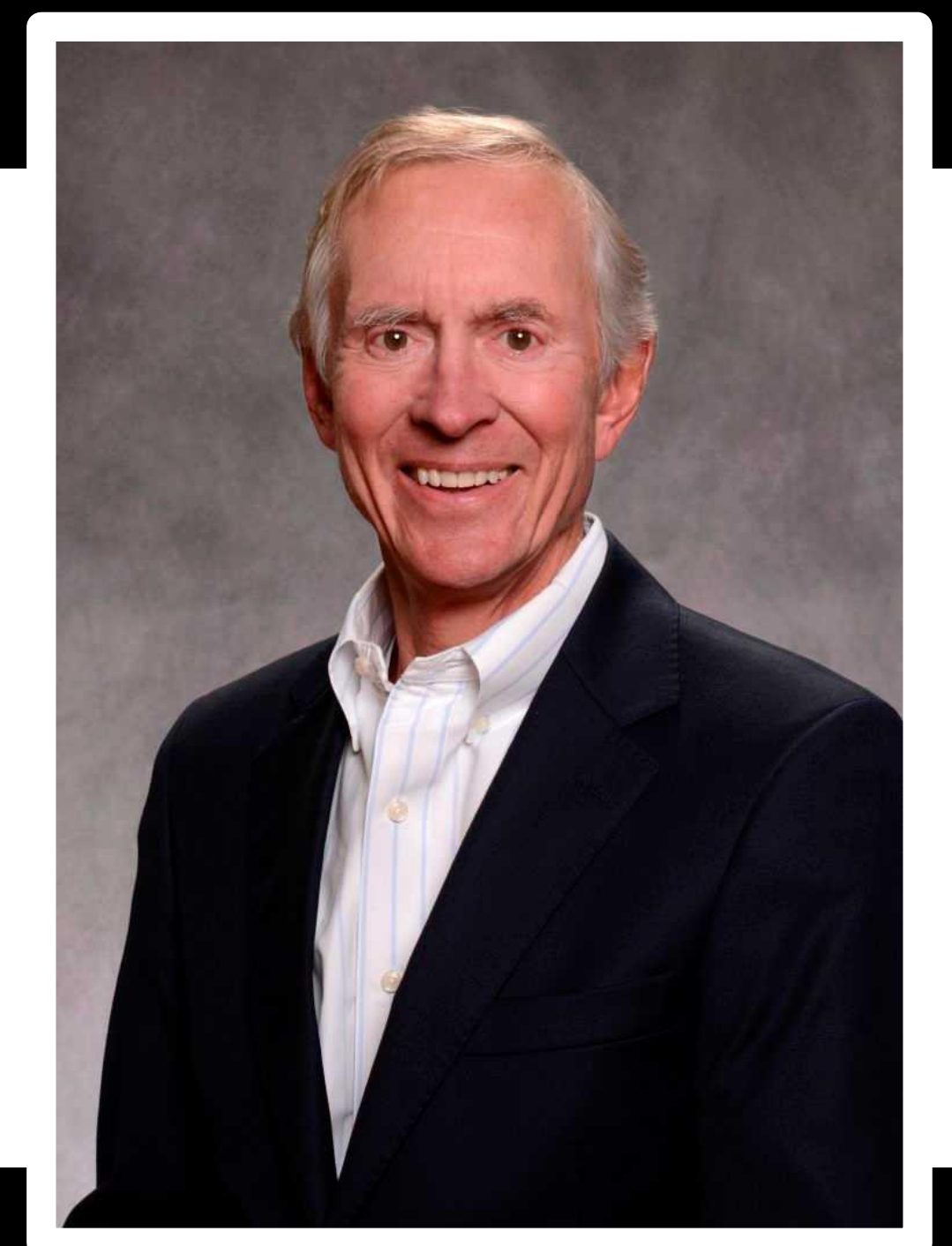
2:30 PM– 3:30 PM

## AN INTRODUCTION TO THE FIELD OF ACTUARIAL SCIENCE

### GUEST SPEAKER: **WAYNE FISHER**

MR. FISHER IS A BOARD MEMBER AND AUDIT COMMITTEE CHAIR FOR THE ZURICH AMERICAN INSURANCE COMPANIES IN NORTH AMERICA.

PRIOR TO RETIREMENT, HE WAS THE GROUP'S CHIEF RISK OFFICER, CHIEF ACTUARY, HEAD OF GLOBAL SPECIALTIES, AND HEAD OF UNDERWRITING FOR GLOBAL CORPORATE CUSTOMERS. HE IS A FELLOW OF THE CASUALTY ACTUARIAL SOCIETY, AN ASSOCIATE OF THE SOCIETY OF ACTUARIES, A CHARTERED ENTERPRISE RISK ANALYST AND A MEMBER OF THE AMERICAN ACADEMY OF ACTUARIES. WAYNE SERVED ON THE CAS BOARD AS PRESIDENT-ELECT, PRESIDENT AND PAST PRESIDENT AND BOARD CHAIR.



IN THIS TALK, I WILL PROVIDE AN OVERVIEW OF THE FIELD OF THE ACTUARIAL SCIENCE. I WILL EXPLAIN THE ROLE ACTUARIES PLAY IN SOCIETY AND, TYPICALLY, IN THE INSURANCE INDUSTRY IN IDENTIFYING AND QUANTIFYING RISK, APPROPRIATELY PRICING PRODUCTS, EVALUATING LIABILITIES, AND MONITORING AND ADVISING MANAGEMENT.

I WILL MENTION THE GROWING OPPORTUNITIES FOR PREDICTIVE ANALYTICS IN ALMOST ALL AREAS OF ACTUARIAL WORK. I WILL ALSO EXPLAIN TYPICAL EDUCATION PATHS FOR A CAREER, AND HOW THE QUALIFICATION PROCESS WORKS IN PRACTICE, WHAT AN (ENTRY LEVEL) ACTUARY DOES ON THE JOB DAY-TO-DAY, AND HOW ONE'S PROGRESS IS USUALLY LINKED TO EXAM PROGRESS, EMPLOYER SUPPORT FOR THE EXAMS, PROFESSIONALISM AND SO FORTH. I WILL ALSO MENTION AREAS OUTSIDE THE INSURANCE INDUSTRY WHERE ACTUARIES ARE EMPLOYED TO OUTLINE GROWING OPPORTUNITIES.

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