



Colloquium

MARCH 30, 2026

3:30 PM - 4:30 PM | 2048 CB

ACTUARIAL CHALLENGES IN THE WORLD OF PROPERTY & CASUALTY

Abstract

Changes in our society, economic cycles, and climate are difficult to predict but can fundamentally change insurance risk. The actuary is tasked with keeping up with current trends, and ahead of those yet to occur. While some actuarial techniques have been relied on for many years and stood the test of time, others evolve with technology and innovation. In this session, three different challenges from the P&C world will be explored, and how actuaries use a blend of science and judgment to overcome them.

Bios



Joseph Stierman, FCAS, MAAA

Fellow of the Casualty Actuarial Society and has 18 years of experience in traditional and non-traditional actuarial roles. He spent many years in pricing including predictive modeling, before working in risk management, catastrophe risk, and more recently reinsurance. Joe studied at the University of Michigan – Dearborn during high school and summer breaks, while receiving his Bachelor of Science in Actuarial Mathematics from the University of Michigan – Ann Arbor. He volunteers with the Casualty Actuarial Society as Writing Chair on the Syllabus & Exam Committee.



Sena Fisher

An actuarial analyst with over 3 years of experience in risk management and traditional pricing roles. Sena attended the University of Michigan - Dearborn for the 2018-19 school year before transferring to Ann Arbor to pursue a Bachelor of Science in Actuarial Mathematics. He is currently studying for Exam 6 which will be one of the final requirements before he becomes an Associate of the Casualty Actuarial Society. Throughout his time at both the Dearborn and Ann Arbor campuses, Sena was a member of the Student Actuaries of Michigan and the University of Michigan Drumline.



Autumn Tashman

An actuarial analyst with nearly 3 years of experience in actuarial pricing and reinsurance operations. She earned a Bachelor of Science in Actuarial Math and a minor in Accounting from the University of Michigan – Dearborn. Autumn attended UMD from 2019 to 2023 and was among the first students to join the Actuarial Math Department. She is studying for Exam 6 – Regulation and Financial Reporting, which is one of the final requirements to become an Associate of the Casualty Actuarial Society. Autumn was a member of Alpha Kappa Psi – Professional Business Fraternity throughout her time in college and aspires to volunteer with the Casualty Actuarial Society upon completion of her credential requirements.

Refreshments will be provided!