

# Casualty Actuaries of Greater New York

Fall 2023 - Virtual Meeting

Agenda for Wednesday, November 29

9:00 AM	9:05 AM	<b>Welcome Remarks</b>
9:05 AM	9:55 AM	<b>Session 1 - Sold or Sought? Reflecting Motive in Insurance Pricing</b> Steve Mildenhall, Convex Risk  The influence of buyer motivation on insurance pricing is under-explored. This talk delves into the dynamics of insurance policy cash flows and capital financing, demonstrating their primary divergence lies in buyer intent. Using Spectral Risk Measures, we'll unravel the pricing implications of such motivations within a one-period insurer's framework. These insights are built upon the foundational concepts introduced in "Pricing Insurance Risk" (Wiley 2022, co-authored with John Major) and are brought to life with examples using the speaker's open-source aggregate software package. To maximize engagement and understanding, attendees will receive a short optional yet highly recommended homework exercise prior to the talk.
9:55 AM	10:45 AM	<b>Session 2 - State of the P&amp;C Insurance Industry</b> Dale Porfilio, Insurance Information Institute  Presentation begins with an overview of the Insurance Information Institute's (Triple-I) insurance economics outlook and underwriting projections, updated quarterly by their economists and actuaries. The presentation then transitions to Triple-I's perspective on key risks and opportunities facing the insurance industry, including climate risk, legal system abuse, cyber, and risk-based pricing.
10:45 AM	11:00 AM	<b>Break</b>
11:00 AM	11:50 AM	<b>Session 3 - Commercial Lines Modeling: Theory to Practice</b> Justin Milam, WillisTowersWatson  Transitioning from theory to practice with generalized linear models (GLMs) can be challenging. This is especially true with many commercial lines of business, where the exposures are not as homogeneous as they are for personal auto or homeowners. In this session, we will discuss best practices for building GLMs in commercial lines. Topics to be covered include varying exposure bases, handling endorsements, including credit scores/tiering models, adjusting for debits and credits and building a GLM on top of bureau rating, as well as loss development for claims made versus occurrence basis and how to handle third-party data.
11:50 AM	12:50 PM	<b>Lunch</b>
12:50 PM	1:40 PM	<b>Session 4 - An Introduction to Liability Catastrophe Modeling</b> Eric Gesick, Verisk  Property Catastrophe modeling has dominated the industry's attention as climate change and severe weather events continue to challenge property insurers. Liability Catastrophes, such as Asbestos, PFAS, and the Opioids Crisis, pose a similar threat to P&C insurers, but have not traditionally received the same level of scrutiny or modeling sophistication from actuaries and insurance professionals. We will introduce the foundational principles of liability catastrophe modeling and discuss how liability catastrophe events can be parameterized and calibrated for use in modeling. We will also discuss how the modeling framework and outputs can provide various risk metrics to support key use cases for actuaries to begin managing catastrophic liability exposure. A foundational knowledge in stochastic modeling is recommended.
1:40 PM	2:30 PM	<b>Session 5 - ASOP 41: Actuarial Communications</b> Russ Leone, CAS Professionalism Committee  This presentation will take a deep dive into Actuarial Standard of Practice Number 41, Actuarial Communications. It will consist of the history, recommended practices, scenarios related to the ASOP, possible future changes to the ASOP (in ongoing exposure drafts), and a short series of kahoot questions.
2:30 PM	2:45 PM	<b>Break</b>
2:45 PM	3:35 PM	<b>Session 6 - Breaking the Mold: The Surprising Growth of Fronting Carriers and MGAs</b> Isaac Espinoza, Root Kim Ho Lo, Obsidian Somil Jain, Lewis Ellis  This session begins with a short history and the evolution of the state of the market for P&C fronting carriers, especially its role in allowing MGAs, insurtechs and other start-ups to get to market. MGAs/MGUs are one of the fastest growing parts of the P&C market, but even within the dynamic MGA/MGUs ecosystem the front and risk participating fronts are growing even faster.
3:35 PM	4:25 PM	<b>Session 7 - Severe Convective Storm</b> Kimberly Roberts, Guy Carpenter Julia Hornack, Guy Carpenter Harsha Maddipati, Guy Carpenter  Severe Convective Storm is a peril that has been receiving a tremendous amount of attention recently in the marketplace. This session will offer an overview of the current landscape for this peril, including the state of the industry, state of the catastrophe models, notable trends, and how risk taking entities can craft a view of risk representative of the new landscape.
4:25 PM	4:30 PM	<b>Closing Remarks</b>