

2017 Underwriting Collaboration Seminar

Casualty Actuarial Society

Brian Brown, President Elect – CAS

General Session I
March 6, 2017



Agenda

- Information about the CAS
- The CAS Institute
- Strategic alliance between CAS and The Institutes
- Questions and Discussion



About the CAS

- Founded in 1914
- The purposes of the Casualty Actuarial Society are:
 - to advance the body of knowledge of actuarial science applied to general insurance, including property, casualty and similar risk exposures;
 - to expand the application of actuarial science to enterprise risks and systemic risks;
 - to establish and maintain standards of qualification for membership;
 - to promote and maintain high standards of conduct and competence;
 - to increase the awareness of actuarial science;
 - and, to contribute to the well being of society as a whole.
- 6,700 Members



Introducing The CAS Institute



Also known as “iCAS”



What is The CAS Institute?

- Subsidiary of the Casualty Actuarial Society
- Provides credentialing and professional education to quantitative specialists in selected areas, such as:

Predictive
Analytics / Data
Science

Catastrophe
Modeling

Capital Modeling
/ ORSA analysis

Quantitative
Reinsurance
Analysis

Other analytics
and quantitative
specialties



Why was The CAS Institute Created?

To meet a market need for specialization

- Actuaries working in advanced analytics and data science
- Data scientists working in the insurance industry

To serve professionals in practice areas where quantitative and actuarial skills overlap

To allow the CAS to continue its focus on credentialing property and casualty actuaries

Strategic Alliance



The Institutes®



How will iCAS be working with The Institutes?

CAS joining forces with The Institutes to accelerate the delivery of The CAS Institute programs

- Study material and exams for quantitative specialists
- State-of-the-art methods for testing and grading

Relationship will enable complementary offerings for professional education to the insurance industry

- Application of data analytics to the industry problems
- Collaboration among actuaries, underwriters, risk and claims professionals, etc.



Associate in Insurance Data Analytics (AIDA) Courses

AIDA 181

- Exploring Big Data Analytics
- Predictive Modeling Concepts
- Big Data Analysis Techniques
- Underwriting Applications of Big Data Analytics
- Claims Applications of Big Data Analytics
- Risk Management Applications of Big Data Analytics
- Implementing a Data Analytics Strategy

AIDA 182

- Classifying and Analyzing Risk
- Probability Distributions for Analyzing Risk
- Risk Modeling Techniques
- Analyzing Loss Exposures
- Loss Reserving Techniques
- Ratemaking Techniques
- Risk Control Techniques
- Analyzing Business Performance



Complementary Offerings

- Institutes AIDA – provides an overview of advance analytics and its application
- AIDA – Educate risk managers, claims executives and other management groups in Predictive Analytics
- iCAS CSPA – provides the education to individuals so that they can design and implement Predictive Analytics models
- Each exam educates its audience so that they have the knowledge they need to do their job and the two groups can work better together



Questions and Discussion

