



The CAS in 2014

Focused on the Future

CHUCK BRYAN
MIDWESTERN ACTUARIAL FORUM
COLUMBUS OHIO
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Our Roadmap for the Future: The CAS Strategic Plan





CAS Strategic Plan

- Long Term Future

The CAS will be recognized globally as the premier organization in advancing the practice and application of casualty actuarial science and educating professionals in general insurance, including property & casualty and similar risk exposures.



CAS Strategic Plan



CAS Strategic Plan



Is our roadmap pointing us in the right direction?
What do you think?





Strategy: Basic Education

- The CAS will provide a basic education system that reflects contemporary and relevant analytical techniques and business skills utilizing new technologies for delivery and validation.



Strategy: Basic Education

- Increase the scope and breadth of statistics on the syllabus and decrease the amount of less relevant material.
- Increase the use of technology in the delivery of educational material and in the validation of candidates' mastery of the syllabus.
- Improve communications and relationships with candidates and academics.





Basic Education: Statistics

- No major changes in content on preliminary exams
- New Statistics exam is designed to cover:
 - Markov Chains, MCMC, GLMs and extended linear models, Decision Trees, Spatial Statistics, Visualization & Fit, and familiarity with other modeling techniques (neural nets, ensemble methods, etc).
- New Statistics module – will demonstrate how statistical techniques are applied to real actuarial case studies in ratemaking, reserving, and enterprise risk management.





Basic Education: Technology

- Admissions Technology Task Force aimed at finding solutions to allow candidates to take exams in more real-life situations:
 - Word for responding to an essay questions
 - Excel for crunching through a reserving triangle
 - R to develop predictions on large databases for Stats exams
- The new technology may also change how we grade and may evolve to using more multiple choice questions on upper level exams.



Basic Education: Communications

- Increased communication with candidates through articles in Future Fellows.
- Increased communication with academics through the University Liaisons, Student Central, and Academic Central.
- Greater use of social media, blogs, and online communities.



Basic Education: Expectations

- Aiming for new Statistics exams to be ready in 2016 or 2017.
- Continuously improving communications of Admissions-related developments to students, candidates, academics, employers, and members.
- Keeping the Syllabus “net neutral” in terms of content, number of hours, etc.



Basic Education: In Summary

- 100-year history of educating casualty actuaries and testing their knowledge
- Curriculum reflects the judgment of practicing casualty actuaries who understand what it takes to be successful in the casualty actuarial field.



Basic Education: In Summary

- CAS education relies on subject matter specialists to develop questions that are relevant to actual practice and that appropriately test a candidate's ability to apply theory to real-life situations.
 - CAS Admissions Committees: 600 CAS Fellows with combined 5,000 years of experience
 - Exam Committee leadership: 23 Fellows with average of 19 years of experience





Strategy: Continuing Education

- Continuing professional development programs will support the needs of all members globally in established and emerging areas of expertise.





Strategy: Continuing Education

- Progress to Date:
 - Considering international demand and delivery to this audience.
- Strategic Focus for 2014:
 - Increase the use of technology.
 - Increase partnerships.





2014 CE Programs

- Casualty Loss Reserve Seminar (CLRS)
- Reserve Variability Limited Attendance Seminar
- Predictive Modeling Limited Attendance Seminar
- Enterprise Risk Management (ERM) Symposium
- Centennial Celebration & Annual Meeting





Strategy: Influence and Outreach

- The CAS and its members will reinforce the value proposition that the CAS brings to its stakeholders.





Strategy: Influence and Outreach

- Focus to Date:
 - Relaunching the CAS Brand
 - University Engagement
- Strategic Focus for 2014:
 - Enhance the value of the CAS credential among employers and principals.
 - Continue to enhance relationships with universities.





Employers Advisory Council

- Comprised of chief actuaries and practice leaders from a representative group of current and prospective employers of casualty actuaries.
- Resource to better understand employers' expectations for their actuaries and to provide input on CAS performance in delivering on those expectations.





University Engagement

- CAS Student Central
- CAS Academic Central
- University Liaison Program





Introducing...

STUDENT  CENTRAL

FOCUSED ON YOUR FUTURE





CAS Student Central

- No membership fee
- Automatic annual membership renewal
- Access to resources
- Free webinars
- Invitations to networking events



STUDENT CAS CENTRAL

FOCUSED ON YOUR FUTURE

About the CAS

About Our Profession

Classroom to Credentials

News & Updates

Contact Us

About CAS Student Central

Study Tools

Career Resources

Online Community

Jumpstart your success.
Be part of CAS Student Central.



CAS Student Program

This is a test announcement.

Join Us

Employers value CAS credentials – Associate of CAS (ACAS) and Fellow of CAS (FCAS) – as the gold standard. With this in mind, we invite university students to become members of CAS Student Central. We care about your developing career and take it as seriously as you do.

Future Focus

Read from our guest bloggers – from seasoned casualty actuaries and recruiters to professors, recent graduates and students – who share their personal experiences and practical insights on landing that internship, how to navigate exams and study demands, what catches the attention of employers, and much more.

Puzzler

Find a new brain twister here every month. We'll post a variety of puzzles that challenge your mind, stretch your thinking and hone your problem-solving skills.



Student Central Online Community

Stay connected!

- Future Focus blog shares insights, tips and perspectives from practicing casualty actuaries, university professors, students and others.
- CAS member directory will give you a sense of how far and wide, broad and deep our network is.
- View and connect with other student members.
- Receive updates from the CAS.



How can you get involved?

- Become a University Liaison
- Provide internship opportunities
- Sponsor a research opportunity/contest
- Facilitate the availability of data
- Teach a class or speak at an Actuarial Club Meeting
- Serve on an advisory board at a university
- Provide funding for scholarships/programs
- Invite local universities to your regional affiliate meetings
- Career Day/Job Shadows at your company





Strategy: Research

- The CAS will be recognized globally for developing and publishing practical applications of cutting edge research in property/casualty topics.





Strategy: Research

- Focus to Date:
 - Translation from theoretical to practical.
- Strategic Focus for 2014:
 - Increase engagement with other actuarial organizations and professions worldwide in order to increase the depth and breadth of research in General Insurance topics.





An Actuarial Alliance for P&C (GI & Non-Life)

- Discussions underway with key non-US actuarial organization leaders and their P&C groups.
- Focused on collaborating and sharing of current thinking, new challenges, new technologies, and successful practices.
- Interest in organizing the best papers, articles, presentations, sessions on actuarial methods and solutions for a global audience.





Automated Vehicles Task Force

- Task Force will clarify the risks related to this developing technology by:
 - highlighting the technological and regulatory developments to the actuarial community
 - performing analyses that further the understanding of the technology's riskiness
 - identifying opportunities for the CAS and the insurance industry to influence and improve the risk identification and quantification process





Strategy: Professionalism

- The CAS will support activities that continue to enhance confidence among stakeholders and that promote the highest quality of work among CAS members.





Strategy: Professionalism

- Progress to Date:
 - Assessment that on-going activities are performing well.
- Strategic Focus for 2014:
 - Publish a best practices guide for peer review of actuarial work products.





Strategy: Member Community

- Members will value participation and membership in the CAS community.





Strategy: Member Community

- Progress to Date:
 - Implementation of CAS Online Communities
 - CAS Membership Survey
- Strategic Focus for 2014.
 - CAS Mentorship Program
 - CAS ERM Special Interest Section



CAS Innovation Initiative

- As change accelerates, innovation is no longer an option, it is a necessity.
- Organizations that innovate have higher survival, are more profitable, and outpace competitors.
- Success depends upon aligning innovation with your strategy and using the most modern approaches to innovation management.





CAS Innovation Council

- Improve CAS products and services.
- Improve how the CAS operates, particularly with respect to new offerings.
- Increase the ***perceived value*** of the CAS to members, potential members, employers and other stakeholders.
- ***Expand the influence*** of the CAS and its members.



CAS Innovation Community

- Foster a culture of innovation with the goal of getting best ideas into actuarial practice.
- Provide resources to drive innovation.
- Learn to predict and accelerate innovation.
- Innovate the CAS, challenging how the CAS delivers value, even why the CAS exists.
- Adopt best innovation practices for the CAS and for practicing actuaries.
- **COMING SOON:**
CAS Innovation Central





Centennial Celebration & Annual Meeting

[About the Meeting](#)

[Schedule](#)

[Location & Lodging](#)

[100 Years of CAS](#)

[Sponsor & Exhibit](#)

[Registration](#)

Celebrating 100 Years of Expertise, Insight, and Solutions

New York City, NY - Hilton Midtown
November 9-12, 2014

[SAVE THE DATE](#)





FIRST DINNER OF THE CASUALTY ACTUARIAL AND STATISTICAL SOCIETY OF AMERICA



**100 Years of Expertise,
Insight & Solutions**





Celebrating the CAS Centennial

- Creating CAS stained glass window to be placed in the Staple Inn, London, England.
- Developing CAS History Book
- Collecting historical photos
- Launched the Centennial Website
- CAS Centennial Celebration



CAS Centennial Celebration

A meeting for the members,
by the members

- Centennial Orchestra and Chorus
- Gala Dinner
- Centennial Museum



CAS Centennial Celebration

Save the Date!

**New York City
New York Hilton Midtown
November 9-12, 2014**



Questions and Discussion

