



2019 HEALTH
MEETING

JUNE 24-26 | PHOENIX, AZ



**Session 2, Actuary of the Future and Predictive Analytics and
Futurism Section Hot Topics Breakfast**

[SOA Antitrust Disclaimer](#)

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Actuary of the Future &
Predictive Analytics and Futurism Sections'
Hot Topics Breakfast

Session 002, Hot Topics Breakfast

June 24, 2019



Purpose of this Session

- Opportunity to Promote Sections' Initiatives
- Network over Breakfast
- Discuss Hot Topics for the Profession
- Facilitators
 - Alison Pool, FSA, MAAA
 - Andy Large, FSA, MAAA

SOCIETY OF ACTUARIES

Antitrust Compliance Guidelines

Active participation in the Society of Actuaries is an important aspect of membership. While the positive contributions of professional societies and associations are well-recognized and encouraged, association activities are vulnerable to close antitrust scrutiny. By their very nature, associations bring together industry competitors and other market participants.

The United States antitrust laws aim to protect consumers by preserving the free economy and prohibiting anti-competitive business practices; they promote competition. There are both state and federal antitrust laws, although state antitrust laws closely follow federal law. The Sherman Act, is the primary U.S. antitrust law pertaining to association activities. The Sherman Act prohibits every contract, combination or conspiracy that places an unreasonable restraint on trade. There are, however, some activities that are illegal under all circumstances, such as price fixing, market allocation and collusive bidding.

There is no safe harbor under the antitrust law for professional association activities. Therefore, association meeting participants should refrain from discussing any activity that could potentially be construed as having an anti-competitive effect. Discussions relating to product or service pricing, market allocations, membership restrictions, product standardization or other conditions on trade could arguably be perceived as a restraint on trade and may expose the SOA and its members to antitrust enforcement procedures.

While participating in all SOA in person meetings, webinars, teleconferences or side discussions, you should avoid discussing competitively sensitive information with competitors and follow these guidelines:

- **Do not** discuss prices for services or products or anything else that might affect prices
- **Do not** discuss what you or other entities plan to do in a particular geographic or product markets or with particular customers.
- **Do not** speak on behalf of the SOA or any of its committees unless specifically authorized to do so.
- **Do** leave a meeting where any anticompetitive pricing or market allocation discussion occurs.
- **Do** alert SOA staff and/or legal counsel to any concerning discussions
- **Do** consult with legal counsel before raising any matter or making a statement that may involve competitively sensitive information.

Adherence to these guidelines involves not only avoidance of antitrust violations, but avoidance of behavior which might be so construed. These guidelines only provide an overview of prohibited activities. SOA legal counsel reviews meeting agenda and materials as deemed appropriate and any discussion that departs from the formal agenda should be scrutinized carefully. Antitrust compliance is everyone's responsibility; however, please seek legal counsel if you have any questions or concerns.

Presentation Disclaimer

Presentations are intended for educational purposes only and do not replace independent professional judgment. Statements of fact and opinions expressed are those of the participants individually and, unless expressly stated to the contrary, are not the opinion or position of the Society of Actuaries, its cosponsors or its committees. The Society of Actuaries does not endorse or approve, and assumes no responsibility for, the content, accuracy or completeness of the information presented. Attendees should note that the sessions are audio-recorded and may be published in various media, including print, audio and video formats without further notice.

Actuary of the Future Section

The purpose of this section is to welcome new actuaries into the profession and to provide them with opportunities to stay current on actuarial employment trends, acquire cutting-edge skills, and gain business and leadership skills.

- Newsletter (2x annually)
- Webcasts / Podcast

Upcoming & Noteworthy

- Disruptions to the Actuarial Profession Contest
 - Accepting Entries, Short Essay or Video, Cash Prizes
- Speculative Fiction Contest
 - Continued Sponsorship, 2019 Winners Announced
- LinkedIn AOF Group
- New Podcast Series coming out
 - Interviewing Actuaries, Various stages in career

Predictive Analytics & Futurism Section

The purpose of this section is to examine the advanced methods and tools used in predictive analytics and futurism through professional development, meetings, special seminars, research studies and the creation and dissemination of literature.

- Newsletter (3x annually)
- Annual Symposium
- Support Research
- Webcasts / Podcast
- Promote PA&F anywhere we can

Upcoming & Noteworthy

- 2019 Predictive Analytics Symposium
 - New this year: Hack-a-thon
- Predictive Modeling, Innovation and Industry Contest
 - Submissions due by Aug 31
- Delphi Study
- Website/Podcasts
 - Newest Podcasts on the programming language R

Question Prompts for Discussion



Question 1

- What's been the biggest change in your specialty in the last few years?
- How do you think the continued change is going to further impact your work?

Question 2

- How would further socialization of medicine affect your job?
- What about further privatization?

Question 3

- What does “Big Data” mean to you?
- What about “Artificial Intelligence?”

Question 4

- Healthcare datasets are very protected and there's limited rating practices allowed while pricing.
- What alternative rating, administration, and/or disease management practices can you imagine occurring as big data and artificial intelligence become more prevalent?
- Or do you think these practices will not evolve any further?

Question 5

- What advantages do actuaries have over data scientists?
- What disadvantages do we have?

Thanks for coming!





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