



SOCIETY OF
ACTUARIES®

2019 **ANNUAL
MEETING**
& EXHIBIT

October 27-30
Toronto, Canada

Session 070: Update on Pre-Qualification and Continuing Education

[SOA Antitrust Compliance Guidelines](#)

[SOA Presentation Disclaimer](#)

Update on Pre-Qualification and Continuing Education



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.

Today's speakers

- Stuart Klugman, SOA Senior Staff Fellow, Education
 - Associateship Education Update
- Karen Anway, Chair, Education Executive Group
 - Fellowship Education Update
- Marcus Robertson, Chair, Professional Development Committee
 - Continuing Professional Development Update

Associateship Education



VEE Update

- Accounting list of topics revised in April 2019
- Corporate Finance transition ended July 1, 2019 (all other transitions were a year earlier)
- Candidates can still claim VEE credit under the prior regime provided the courses taken and grade(s) earned prior to the transition deadline.

Instant Results

- P and FM – Never stopped providing them
- IFM – Resume with November 2019 administration
- STAM – Resume with October 2019 administration
- SRM – Too soon to forecast when that will happen

Statistics for Risk Modeling Exam

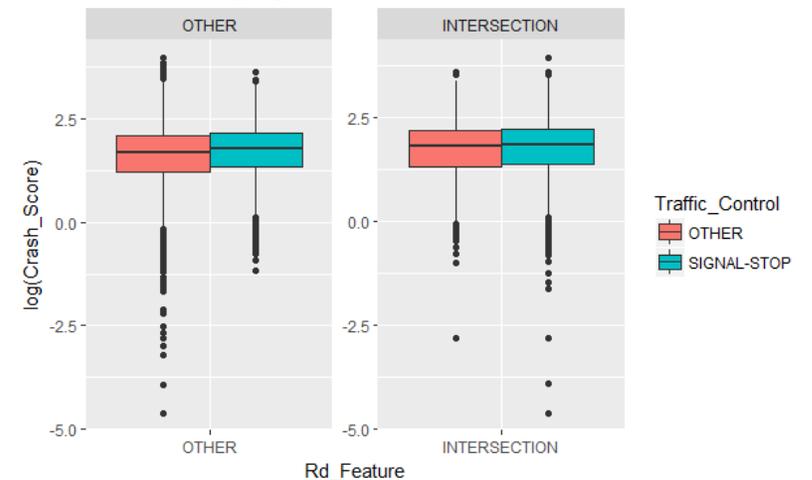
- It has been administered four times (35 multiple choice questions)
 - September 2018: 116/174 effective = 67% pass rate
 - January 2019: 166/264 effective = 63% pass rate
 - May 2019: 237/391 effective = 61% pass rate
 - September 2019: grades not yet released
- Thing to know:
 - There are a lot of qualitative questions.
 - Goal is to ensure candidates know the definitions, differences, similarities, and uses of the various techniques.

Predictive Analytics Exam

- Administered December 2018. 524/937 effective = 56% passed.
- Administered June 2019. 637/1121 effective = 57% passed.
- Sample projects available by links from the syllabus document.
- Exam project documents and solutions for both available on the Past Exams and Solutions page.

June Predictive Analytics Exam

- 11 tasks such as:
 - Employ PCA to reduce dimensionality
 - Select appropriate distribution and link function for a GLM
 - Select and implement a variable selection approach
- In all cases, candidates are expected to justify their choices in the context of the business problem and run R code to support their work.



FAP Changes

- Begins January 2020
- New approach to Interim Assessment
- New approach to Final Assessment
- Updated content throughout
- More comprehensive international coverage
- More interactive scenarios

Fellowship Education



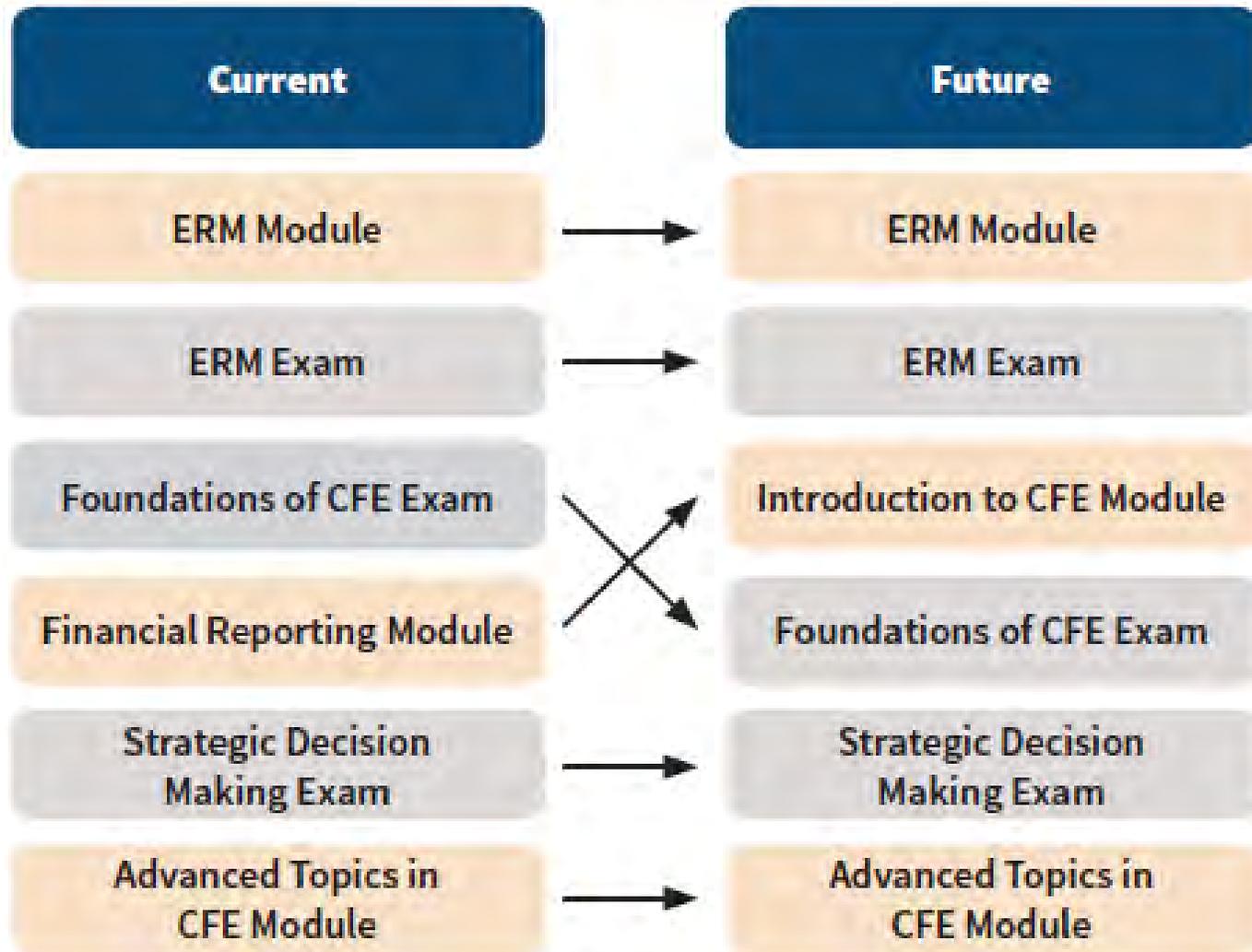
Fellowship Tracks

- Six Tracks
 - Corporate Finance and ERM (CFE)
 - Group and Health (GH)
 - General Insurance (GI)
 - Individual Life and Annuities (ILA)
 - Quantitative Finance and Investment (QFI)
 - Retirement Benefits (RET)
- Curriculum updated to reflect enhancements in ASA competencies
 - Beginning late 2018 through 2021, timing varying by track

Fellowship Tracks - Updates

- No change to structure or travel time
 - **Exams** = 5+5+2
 - **Modules** = 3 + DMAC
 - Option to write the 4 hour Enterprise Risk Management (ERM) instead of 2 hour exam to obtain CERA remains
- Curriculum in exams and modules updated to reflect
 - Candidates knowledge in Predictive Analytics
 - Movement of topics from FSA Financial Economics Module to the ASA curriculum
 - An opportunity to better align material in revised exams

Corporate Finance and ERM (CFE) Track



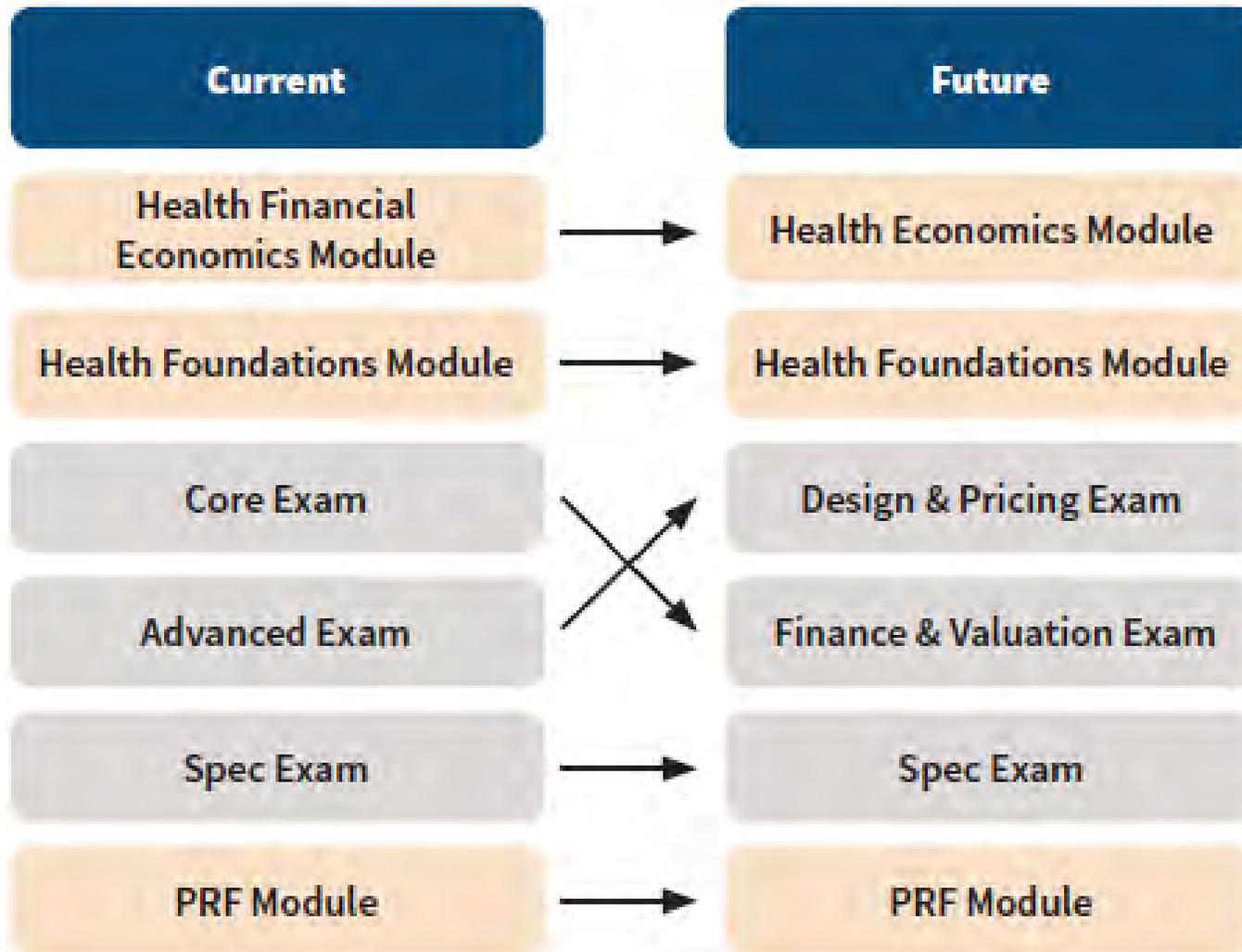
NEW

Modules:

Introduction to CFE: Dec 2019

Advanced Topics in CFE: Dec 2020

Group and Health (GH) Track



NEW

Modules:

Health Foundations: Sept. 2018

Health Economics: Dec 2018

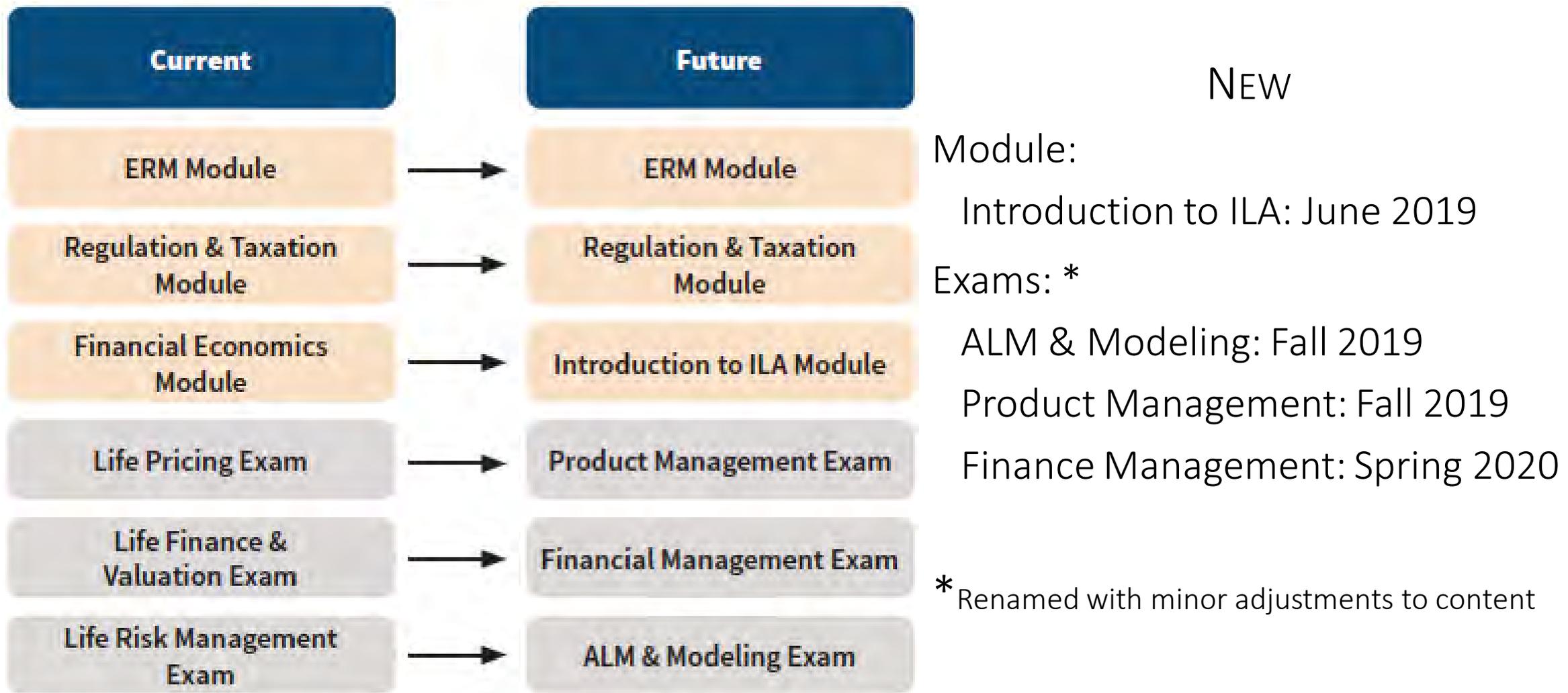
Exams: *

Benefit Design & Pricing: Fall 2019

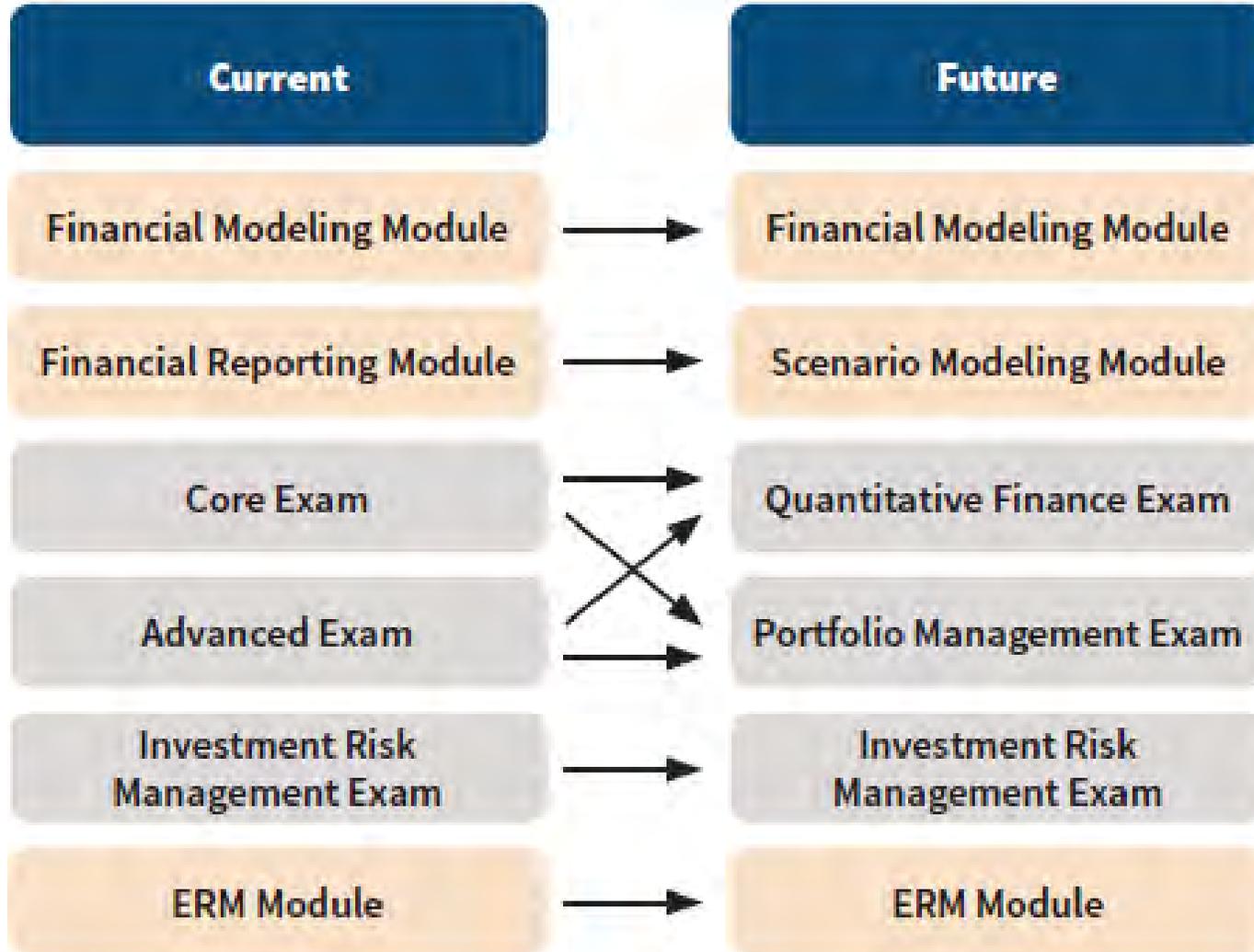
Finance & Valuation: Fall 2019

*Topic coverage restructured across exams

Individual Life and Annuities (ILA) Track



Quantitative Finance and Investment (QFI) Track



NEW

Modules:

Scenario Modeling: June 2019

Financial Modeling: Dec. 2019

Exams: *

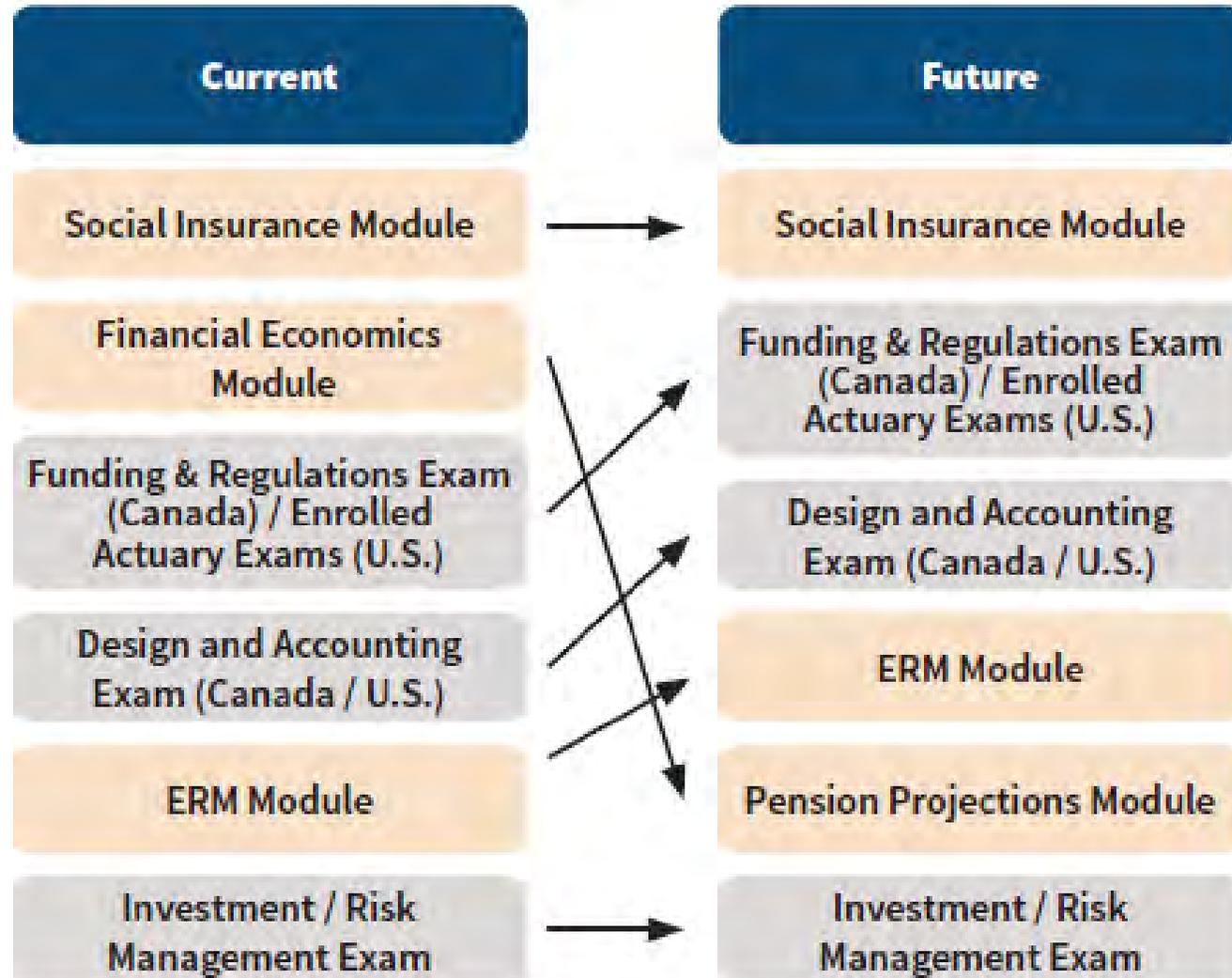
Investment Risk Mgmt: Spring 2019

Quantitative Finance: Spring 2019

Portfolio Management: Fall 2019

*Topic coverage restructured across exams

Retirement (RET) Track



NEW

Module

Pension Projections: June 2020

General Insurance Track

Current

Introduction to General Insurance

Ratemaking and Reserving

Financial and Regulatory Environment

Financial Economics Module

Enterprise Risk Management (ERM) Module

Applications of Statistical Techniques Module

Advanced Topics in General Insurance

- NAIC has recognized SOA GI fellows* as meeting the education requirements to serve as an appointed actuary.
 - Pending confirmation that Fall 2019 exam changes close the minor gaps identified by the NAIC review.
 - SOA GI fellows can sign the 2019 statement.
 - Grandfathering provision for current fellows.
- *Must elect GIADV and pass U.S. version of GIFRE.
- Given ongoing NAIC evaluation process no major updates.
- Now that evaluation is complete, two modules will be updated, likely in 2020.

Professional Development



2019 Professional Development Committee

- Section representatives
 - Matthew Clark - ERM/Investment
 - Jerry Enoch - Life
 - Patrick Kinney - Health
 - Kevin Pledge - Special Interest/Non-Practice Specific sections

2019 Professional Development Committee

- Other members
 - Wendy Liang - International
 - Terry Long - Board Partner
 - Dirk Sack - Education
 - Kelly Lynn Featherstone - Director-at-Large

2019 Professional Development Committee

- Staff members
 - Mike Boot - Managing Director Sections & Practice Advancement
 - Martha Sikaras - Director International Education Programs

2019 Professional Development Committee

- Staff liaisons
 - Anna Abel - Manager Professional Development
 - Ken Guthrie - Managing Director of Education
 - Anthony Cappelletti – Staff Fellow, General Insurance
 - Andrea Lee - Director of Marketing

Professional Development Opportunities

- Major Meetings
- Strategic Alliances (Python, etc.)
- Seminars and Section events (Boot Camps, etc.)
- Webcasts
- E-Learning Courses
- Podcasts

Recent Achievements

- Predictive Analytics Certificate
- Advanced Business Analytics Seminar
- GI PD opportunities
- Speaker Recognition
- Moderator Training and Speaker Videos

Predictive Analytics Certificate Program

- Fifth cohort has just concluded
- Currently only open to credentialed actuaries (from any organization)
- Five months of participation in an e-Learning course
- Private discussion forum and virtual tutorial sessions
- Two-day face-to-face meeting with an assessment on the second day



Ongoing Work

- Predictive Analytics Certificate
- Communication
- Continued focus on quality
- Development and enhancement of delivery methods

Communication

- Communication Strategy for PD
- Identify Communication competency
- Include how to communicate technical analyses
- Meeting sessions
- Seminars
- E-Learning
- Measure progress

The Actuary

EDUCATION

Communication Strategy for Professional Development



BY J. PATRICK KINNEY

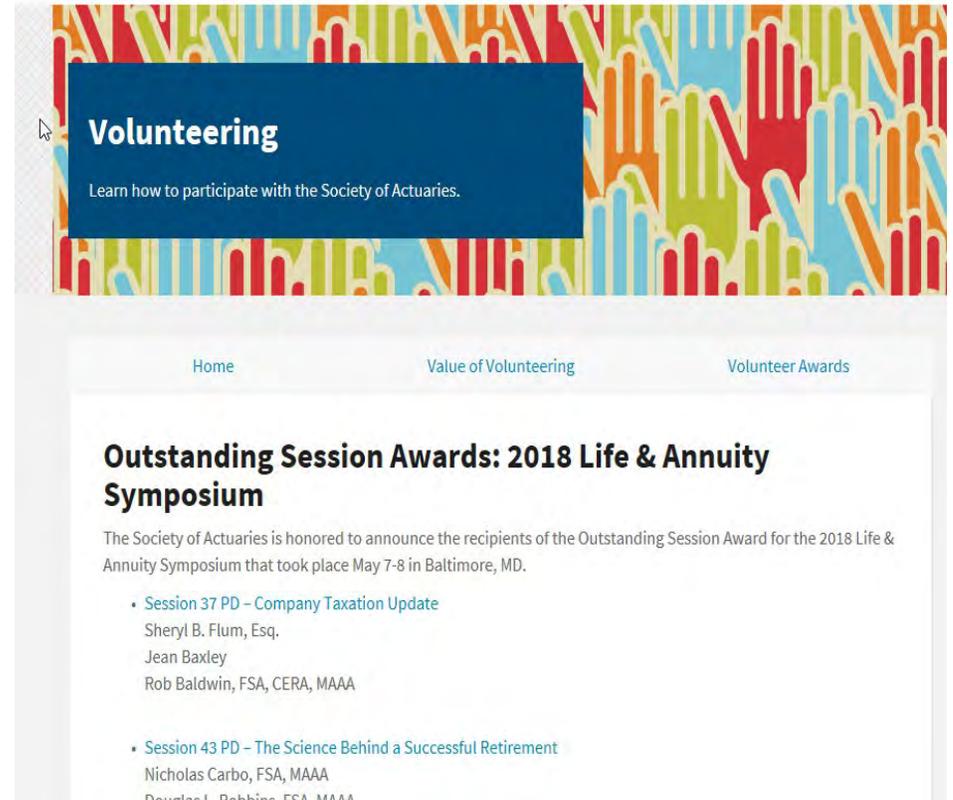
The Vision Statement of the Society of Actuaries (SOA) establishes communication skills as one of the key drivers of our success as a profession. Arguably, the profession and the SOA have made great strides over the years in enhancing our communication tools. Our publications, including this magazine, numerous section newsletters, SOA research reports and the SOA website have undergone significant redesign in an effort to reach audiences within and outside of the profession. Meanwhile, global expansion and the continuing demand for actuarial services fuel substantial growth in SOA membership. Our professional reach has never been wider.

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Quality

- Moderator and Speaker Training
- Speaker Session Load
- Speaker Mentoring/Coaching
- Speaker Recognition



The screenshot shows a website page with a header banner featuring a colorful pattern of hands. A dark blue box on the banner contains the text 'Volunteering' and 'Learn how to participate with the Society of Actuaries.' Below the banner is a navigation menu with links for 'Home', 'Value of Volunteering', and 'Volunteer Awards'. The main content area features a heading for 'Outstanding Session Awards: 2018 Life & Annuity Symposium' and a paragraph of text. Below this are two bullet points listing session details and speaker names.

Volunteering
Learn how to participate with the Society of Actuaries.

[Home](#) [Value of Volunteering](#) [Volunteer Awards](#)

Outstanding Session Awards: 2018 Life & Annuity Symposium

The Society of Actuaries is honored to announce the recipients of the Outstanding Session Award for the 2018 Life & Annuity Symposium that took place May 7-8 in Baltimore, MD.

- [Session 37 PD – Company Taxation Update](#)
Sheryl B. Flum, Esq.
Jean Baxley
Rob Baldwin, FSA, CERA, MAAA
- [Session 43 PD – The Science Behind a Successful Retirement](#)
Nicholas Carbo, FSA, MAAA
Douglas L. Robb, FSA, MAAA

Delivery Methods

- Blended learning formats
 - eLearning with in-person event
- Town Hall Meetings
- Vendor quality
- Analytics on CPD delivery



Current Initiatives

- PD Redesign
 - Market research for insight on practices of other associations
- Young Professional Engagement
- Additional Certificates