

# SOA Strategic Research Programs



The SOA Strategic Research Programs emphasize the skillset and thought leadership of actuaries, and help provide insights to members, stakeholders, and the public on socially relevant topics.



The programs below identify key industry topics and important societal issues.

## Aging and Retirement

Reviews the societal impact of aging populations and the solutions for mitigating risks. Provides a comprehensive review of individual risks faced in retirement and old age, and the societal impact of populations living to older ages around the world.



TOPICS: Retirement trends, risks and planning decisions, retirement systems and pensions, long-term care, retirement income and related challenges

## Actuarial Innovation and Technology

Highlights the evolution of technology as it applies to the actuarial profession and industry. Explores new innovations and technologies that impact current and future actuarial work.



TOPICS: Accelerated underwriting, business technology, machine learning, cyber risk, wearables, telematics and other new innovations

## Mortality and Longevity

Examines the factors impacting models and mortality predictions, and the analysis of longevity trends. Develops experience studies and analyzes trends that impact mortality rates and longevity.



TOPICS: Population mortality, socioeconomic drivers of longevity, mortality improvement, and more

## Health Care Cost Trends

Focuses on the forces that shape health care cost and utilization, and the changes over time. Explores what drives health care costs, including medical and pharmacy utilization, social factors, and demographics.



TOPICS: Population health, health interventions, preventive medicine, public health, and impact of new medical technologies and pharmaceuticals

## Catastrophe and Climate

Studies climate trends and their impact on extreme and catastrophic events. Focuses on the impact of shifting climate patterns and frequency/severity of events on the public and insurance industry.



TOPICS: Population, mortality and health impact from climate events, insured loss by climate events, and disaster response and financing

For more information on SOA research visit [www.SOA.org/Research](http://www.SOA.org/Research).