2018 Actuarial Teachers’ and Researchers’ Conference

Connecting with the IFoA’s research agenda

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31 July 2018
About the Institute and Faculty of Actuaries

- Chartered professional body: educating, developing and regulating actuaries based in the UK and internationally
- Around 32,000 members in over 110 countries (>45% outside UK)
- Over 3,000 volunteer for the IFoA, including 700+ involved in 100+ research activities
- Employs 150 staff, with offices in London, Edinburgh, Oxford, Hong Kong, Beijing and Singapore

“to advance all matters relevant to actuarial science and its application...”
Research partners around the world
Actuarial Research Centre

- Global network of researchers delivering high quality, industry-relevant research
- Addressing key research gaps in actuarial science
- Research with impact – for the “actuarial user community”
- Multi-disciplinary teams, often involving multiple institutions
- Partnering with industry and other actuarial bodies
- Open access
Current ARC programmes

Larger, long term programmes:

- Modelling, Measurement and Management of Longevity and Morbidity Risk
- Minimising longevity and investment risk while optimising future pension plans
- Use of Big Health and Actuarial Data for understanding Longevity and Morbidity

Medium-sized programmes:

- Behavioural Finance: Understanding decision-making by institutional investors
- Economic modelling (initial work undertaken – more to come)

See [https://www.actuaries.org.uk/arc](https://www.actuaries.org.uk/arc) for more information.
What next for the ARC?

- Broader topic areas – “wider fields”?
- Expect to have more variety in project format
  - *Small, large*
  - *Short term, long term*
- Projects arising from IFoA working parties
- Expectation of more third party matched funding
- Focus on value for money and impact
- Keen to work with accredited universities but not exclusively
- Currently recruiting new ARC Associate Director
Topics in the pipeline

- Economic modelling
- Periodic Payment Orders – mortality table feasibility study
- Equity Release Mortgages
- Possibly... Data Science

...more Calls for Research in future...
Topics of the future

Key themes identified in 2015 and formed part of the Call for Research:

– Optimal way to bear and manage risk
– Consequences of changes in how people age
– Investment strategies in a changing world

Key Questions in 2015:

• What emerging themes could the ARC support in future?
• What topics are you struggling to get funded through your usual channels?
• Where do you see the opportunities to partner with industry?

Other resources
Events

• ARC Webinars

• Sessional Meetings
  – Free to all to attend
IFoA Publications

British Actuarial Journal
• Practitioner research
• Gold Open Access
www.cambridge.org/baj

Annals of Actuarial Science
• International peer-reviewed journal
• Hybrid Open Access
www.cambridge.org/aas

Longevity Bulletin
• Coming Soon! Technology edition

Sign-up for alerts: research@actuaries.org.uk
Actuarial Knowledge Hub

- One-stop shop for journal articles, papers and eBooks relating to actuarial science
- Access through www.actuaries.org.uk/library
- Contact libraries@actuaries.org.uk for more information
Engaging with the IFoA

- Future Calls for Research – advertised on our website
- Working parties
- Our publications
- IFoA conferences and events – attend or present

• Sign up to our Research eNewsletter: research@actuaries.org.uk
• Not an IFoA member? Join as an affiliate: https://www.actuaries.org.uk/membership/types-membership/affiliate-membership
Thank you
Expressions of individual views by members of the Institute and Faculty of Actuaries, volunteers and its staff are encouraged.

The views expressed in these presentations are those of the presenters.