



**2019 HEALTH**  
MEETING

JUNE 24-26 | PHOENIX, AZ



## **Session 52, Education and Research Section Breakfast**

[SOA Antitrust Disclaimer](#)

[SOA Presentation Disclaimer](#)

# 54<sup>th</sup> Actuarial Research Conference

**PURDUE**  
UNIVERSITY

**IUPUI**  
INDIANA UNIVERSITY-PURDUE UNIVERSITY INDIANAPOLIS



BALL STATE  
UNIVERSITY



**BUTLER**  
UNIVERSITY



UNIVERSITY OF  
NOTRE DAME



# The Basics

- ▶ <https://www.math.purdue.edu/calendar/conferences/arc19/index.html>
- ▶ IUPUI Campus in Indianapolis
- ▶ August 14 to 17
  - ▶ Reception Wednesday Night
  - ▶ Riveting Sessions on Thursday, Friday, and Saturday morning
- ▶ Dinner at Dallara

## RACING SIMULATORS



# Why Attend

- ▶ Outstanding Program
- ▶ Convenient Location
- ▶ Outside Opportunities
  - ▶ Many Attractions for Adults and Children within easy walking distance

# Why Attend

- ▶ Outstanding Program

- ▶ Keynote Speakers

- ▶ Andrew Cairns

- ▶ Professor of Financial Mathematics at Heriot-Watt University
      - ▶ Director of the Actuarial Research Centre of the Institute and Faculty of Actuaries
      - ▶ Co-inventor of the [CBD stochastic mortality models](#)
      - ▶ Author of the [LifeMetrics open source R code](#) for modelling, measurement and management of longevity risk.
      - ▶ Recent research has focused on the modelling of longevity risk



# Why Attend

- ▶ Outstanding Program

- ▶ Keynote Speakers

- ▶ Jan Vecer

- ▶ Professor, Charles University in Prague

- ▶ Research areas are Financial Statistics, Financial Engineering, Actuarial Science and Applied Probability

- ▶ Author of “Stochastic Finance: A Numeraire Approach”



# Why Attend

- ▶ Outstanding Program

- ▶ Keynote Speakers

- ▶ Anya Prince

- ▶ Associate Professor of Law at University of Iowa
      - ▶ Member of the University of Iowa Genetics Cluster
      - ▶ Research interests include the ethical, legal, and social implications of genomic testing



# Why Attend

- ▶ Outstanding Program
  - ▶ Five Invited Panels
    - ▶ Update on Actuarial Education
    - ▶ Actuarial Society Sponsored Research
    - ▶ Actuarial Professionalism
    - ▶ Industry - Academic Cooperation
    - ▶ Catastrophe Modeling and Insurance
  - ▶ Approximately 90 Presentations by Grad Students and Faculty



# Registration

## REGISTRATION FEES

	Early Bird	Regular
Full Conference	\$250.00	\$350.00
Graduate Students	\$150.00	\$250.00
One Day Rate	\$100.00	\$125.00

**Early Bird closes on June 30, 2019.**

# 2020 Actuarial Research Conference

- ▶ The 55th ARC will be held at the University of Nebraska - Lincoln in Lincoln, Nebraska - Sun. August 9 through Wed. August 12, 2020.

- ▶ Contacts

- Sue Vagts

- Director of the Actuarial Science Program*

- David P. Hayes Memorial Chair and Ameritas Faculty Fellow*

- Department of Finance

- College of Business

- University of Nebraska-Lincoln

- CoB 415B, 730 N. 14<sup>th</sup> Street, P.O. Box 880490, Lincoln, NE 68588-0490

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- Education and  
Research  
Section

Council Activities

## ▶ E&R Section Mission Statement

- Facilitate expanding the knowledge base of the actuarial profession, promote ties between business actuaries, academic actuaries and actuarial educators, and seek ways to support and encourage actuarial education and research.

## Council Activities

- Review proposals, select universities to develop and host, and financially support the annual Actuarial Research Conference (ARC).
- Collaborate with other SOA council sections to broaden the knowledge base of the actuarial science profession through podcasts and sessions at actuarial conferences.
- Sponsoring sessions at the Annual Meeting, Health Meeting, and Life and Annuity Symposium as well as podcasts and webcasts.
- Support and encourage actuarial research while promoting ties between industry and the academic community.

## Podcasts

- Listen to the latest news, research and innovations
- Currently available is a podcast where host Jing Lang, FSA, FCIA, interviews Steve Kopp, FSA, FCIA, a longtime lecturer of actuarial science and statistics
- Members of the E&R Section also get free access to past Webcast recordings

# Expanding Horizons

- Section newsletter which is published twice a year
- The May 2019 edition contains the following articles:
  - Distinguished Academic Actuaries
  - The Art of Actuarial Science
  - Book Review:
    - Guy Thomas' Loss Coverage: Why Insurance Works Better With Some Adverse Selection
    - Anthony Asher's Working Ethically in Finance: Clarifying our Vocation

# Actuarial Research Clearing House

- ARCH, a publication sponsored by the SOA Education and Research Section, is an informal communication providing current actuarial research to friends and members of the actuarial community.
- Its primary goal is the speedy dissemination of current thinking and aids to research



## Volunteer

- If you have any questions about the section or any of the conferences/meetings, have an interest in actuarial education and/ or actuarial research, or you would like to join us as a member or as an active friend of the council, please contact anyone on the section or 2019-2020 chair, Tom Wakefield at [tomwakefield@gmail.com](mailto:tomwakefield@gmail.com).