Jeffrey Zheng, FCAS FSA CPA CPCU AIDA

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EDUCATION & PROFESSIONAL CREDENTIALS

- Masters in Education – Harvard Graduate School of Education (May 2014)
- Masters in Accounting – University of Michigan Ross School of Business (May 2007)
- B.S. in Actuarial Math, Economics – University of Michigan (May 2006) (4.0 GPA out of 7,000+ students)
- Fellow of the Casualty Actuarial Society ('10)
- Fellow of the Society of Actuaries ('13)
- The Institutes' Associate in Data Analytics ('20)
- HarvardX Professional Certificate in Data Science ('20)
- SOA Predictive Analytics Certification ('19)
- AAC&U VALUE Institute Certified Scorer (Quantitative Literacy) ('19)
- Chartered Property Casualty Underwriter ('12)
- Certified PADI Open Water Scuba Diver ('12)
- Certified Microsoft Office Specialist and Excel Expert ('11)
- Certified Public Accountant ('07)

TEACHING EXPERIENCE

Assistant Professor of Practice – NTT. Temple University (July 2018-Current)
- Courses Taught: Actuarial Probability & Statistics I (AS1501), Actuarial Probability & Statistics II (AS2101), Actuarial Modeling II (AS3502), Actuarial Analytics (AS3504)
- Student Feedback: "Course Taught Well" Ratings of: {4.6, 4.7, 4.8 in Fall 2018, 4.6, 4.8, 4.9 in Spring 2019, 4.1, 4.6, 4.6 in Fall 2019, 4.5, 4.8, 5.0 in Spring 2020, 4.8, 4.7, 4.7 in Fall 2020}
- 2020 Sigma Chapter Outstanding Teacher Award
- Course Innovations: Created all content for AS3504 course; Added diverse semester projects in each course; Incorporated Zoom, Notability, Polls in classroom usage (Sep 2018-Present)
- Program Innovations: Partnered with SOA & CAS on hosting "Be An Actuary Day" series to increase recruitment of actuarial majors (Dec 2020-Present); Created the RIHM Financial Assistance Program to help students in financial need cover cost of textbooks and Sigma Chapter dues (Oct 2020-Present); Primary creator of the new Risk Analytics Major in RMI in approval process (Jan 2019)
- Scholarship: Serving as Lead Reviewer of Zaneta Chapman's SOA Exam SRM Manual (Dec 2019-Present); Wallethub Auto Insurance Interviews (Jan 2021 & Aug 2019); Lead glossary writer for Jed Frees' "Loss Data Analytics" (Sep-Dec 2018)
- Teaching Development: Temple Online Teaching Certificate (Sep 2018)
- University Service: Temple University Placement Committee Member – Provide feedback and ideas on student proctoring and placement, use of transcripts, and other university-wide topics (Sep 2019-Present)
- Industry Service: Elected to the Society of Actuaries Education & Research Section Council and serving on leadership team as Treasurer (Sep 2019-Present), Casualty Actuarial Society Exam Committee Member (Nov 2020-Present), Actuarial Foundation Math Motivators College Input Council Member (Sep 2020-Present)
- Program Service: Associate Director of the Actuarial Science Program – Actuarial Faculty advisor for Gamma Iota Sigma, with oversight of 40+ GIS officers, assisting with logistics, planning of AS Career Reception, Recruiters' Dinner, Industry-to-Campus events, review of workshops and meetings, networking with industry partners, increasing student engagement, and attraction of new employers (July 2018-Present)
- Department Service: RIHM Financial Assistance Committee Chair; Actuarial Science Advisory Council Chair; Actuarial Science Professional Exams & Student Engagement Committee Chair; AS Placement Assessment Committee; Owlympiad Committee; Experience Temple Day (Sep 2019-Present)

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Assistant Professor of the Practice. University of Notre Dame (July 2015-July 2018)
- Courses Taught: Applied Financial Economics I & II (ACMS 20010 & 30010), Introduction to Probability (ACMS 30530) Loss Models (ACMS 40010 & 40020), SOA Exam P Review (ACMS 37011), Projects in Actuarial Science (ACMS 37020), Directed Readings (ACMS 46800)
- Student Feedback: "Overall Effectiveness" Ratings of: {4.8, 4.7, 4.8, 5.0, 4.5, 3.7, 4.7, 5.0, 4.4, 4.5}
- University Service: ACMS Undergraduate Committee ('16-'17), Phi Beta Kappa Selection Committee, Delahanty Speaker Series, Projects in Actuarial Science course each semester
- Conferences Attended: Actuarial Teaching Conference, Actuarial Research Conference, Midwest Actuarial Forum, Casualty Actuarial Society Spring Meeting (Presented)
- Student Exam Success: 100% of students in ACMS 40020 Spring 2016 passed SOA Exam C/4. 60% of students in ACMS 37011 passed SOA Exam P/1 before the semester even finished. National passing rate on SOA Exams is 40%.
- New Courses Formed: Created 9+ new courses in ACMS related to actuarial science.
- Enrollment in ACMS 20010-30010, 37020 doubled each year.
- Hosted 10-12 speakers for the Ask the Actuaries series each academic year to increase awareness and interest in the actuarial profession, and started the highly popular ACMS Alumni Panel.
- Managed the Notre Dame LinkedIn Actuarial Alumni group
- Established and maintained 40+ actuarial corporate recruiting relationships as well as alumni and academic relationships.
- Mentor in ND's Building Bridges program

Actuarial Excellence Coordinator. Roosevelt University (August 2014-July 2015)
- Courses: Financial Math Exam FM, College Algebra, Finite Math, Developmental Math, all less than 30 students; Teaching style emphasizes pre-learning the content before class, use of online assignments and Blackboard collaboration, and leveraging of technology as a tool whenever appropriate
- Academic Talks: Actuarial Resume Writing, Life Annuities
- Lead the Center of Actuarial Excellence initiative with the goal of becoming a premier actuarial program
- Lead the growth of the Actuarial Alumni Affinity Group to increase alumni engagement
- Lead the formation of a co-op and internship pipeline with companies to increase actuarial recruiting on-campus
- Advise and mentor actuarial students through 1-on-1 resume, cover letter, and interview prep for internships
- Create new courses: Advanced Excel, Intro To Actuarial Science Career Fields
- Fundraise and advocate for the department
- Initiated an annual actuarial career fair at Roosevelt
- Redesign the actuarial major to meet the requirements and rigor of the SOA and insurance industry

Exam P Online Course Instructor. Actex (May-August 2015)
- Lead a 10-week intensive online preparation course for Exam P

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CORPORATE EXPERIENCE

Actuarial Senior Consultant. CNA Insurance (August 2007-April 2013)
- First-Party Property Pricing (March 2011-April 2013)
  - Created weather perils portion of proprietary rating plan from ground-up by combining traditional actuarial methods, predictive modeling, catastrophe modeling, multi-way credibility and minimum bias techniques
  - Communicated business goals and disruption to senior management, implemented the new program, and trained underwriting and IT business partners, impacting $350M of business
- HealthPro Pricing (Sept 2009-March 2011)
  - Completed pricing analysis, rate reviews, profitability reviews, segment analysis on the Hospitals, Physicians, and Non-Standard Providers lines of business
  - Determined resulting strategy with underwriting management, and streamlined the reviews process to free up an entire month's worth of work
- Open Brokerage Underwriting (March 2009-Sept 2009)
  - Performed financial, operational, industry, and risk analysis on publicly-traded commercial entities for the Directors & Officers, Employment Practices, Fiduciary Liability, and Fidelity lines of coverage
  - Enhanced relationships with brokers, contributing over $1M to revenue
- Standard Lines Reserving (August 2007-March 2009)
  - Analyzed reserves for the General Liability, Workers Compensation, Property Lines of Business using traditional actuarial methodologies (triangles) as well as statistical modeling to develop ultimate point estimates and ranges and monitored CNA's catastrophe exposures