Danwei Peng

Actuarial qualification	FIAA
Current position	Founder ModaX
Nominated by (alphabetical order)	Su Li Sin Jasmine Wang Matthew Wood

Nominee Statement

I am standing for Council because I believe now is a pivotal moment for the actuarial profession - to fully step into the age of AI and data, to drive public good, and to amplify the voice of actuaries in shaping society's response to complex challenges. The Institute's strategic priorities align strongly with my values, skills, and experience. I would be honoured to contribute to turning these ambitions into reality.

How I can contribute to the strategic priorities:

Help Shape Society, Build Our Brand Working across government and consulting, I've seen first-hand how robust data and modelling improve public policy and private-sector decisions—and I believe actuaries should play a leading role in this space. As a data analyst at the Department of Social Services in Canberra, I gained a deep appreciation of how evidence translates into better policy and social outcomes. In consulting, I've applied actuarial and data science skills to optimise operations and solve complex problems—from coordinating infrastructure corridor planning to informing natural-disaster recovery funding policy recommendations. I want to help ensure actuaries are consulted and heard on issues like climate risk, regulation and adoption of AI and data, broader societal risks, and to demonstrate our value to industry as trusted, independent experts whose work ultimately benefits society.

Create Value for Members The Institute exists to serve its members - it must demonstrate visible, tangible value for their investment, noting fees are higher than many other professional bodies. I'm passionate about promoting the profession and helping employers understand the value that actuaries bring. As an employer, I recognise and value actuarial training when recruiting and developing talent. Throughout my career, I have mentored many junior professionals, built collaborative teams, and supported cross-disciplinary work. If elected, I will focus on practical member benefits—stronger employer engagement, mentoring pathways, tools and resources that help actuaries do their best work.

Enhance Qualifications and Embed Lifelong Learning I believe in continuous professional growth. I earned my Fellowship and the CFA charter while working full-time, which have greatly benefited my career through deepened technical capability, sharpened problem-solving and enhanced soft skills. As a Director at Deloitte before founding ModaX, I built new data analytics service offerings, co-developed and delivered training that upskilled around 1,000 Financial Advisory practitioners nationally in analytics literacy. I deeply appreciate how rapidly technological change (AI / data science etc.) is altering what actuaries need to know—not just in core techniques, but in how we apply them. I will champion the Institute's role in equipping members for this future by keeping learning offerings current with emerging tools and interdisciplinary practice, and by strengthening education programs that embed lifelong learning throughout members' careers.

Create and Seize Opportunities As a data science actuary, I bring experience bridging technical teams and senior decision-makers to turn data into executable strategy. I work with leading organisations to better utilise data for strategic decision making, for example, I've helped a port infrastructure business better understand its commodity flows and enabled a transaction-services practice to forecast demand for more accurate budgeting and workforce planning. My cross-sector experience shows how actuarial thinking and skills add distinctive value across data science, financial modelling, process improvement, public policy and risk management. I would actively support brand campaigns (both inside and outside our profession), build partnerships with universities, government and industry, and expand recognition of the "Data Science / AI Actuary" brand so it is understood and valued more widely.

In summary, I bring a blend of technical depth, leadership and a commitment to mentoring and society. I believe I can help Council turn the Institute's strategic priorities into meaningful outcomes: learning experiences that future-proof the profession, stronger public voice, enhanced member value, and greater societal impact. I would be honoured to serve and contribute to our profession's evolution in this pivotal period.

Service to the Institute

Actuaries Institute Hackathon, 2024