

Dear Members of the Promotions Committee,

I am currently appointed at the rank of **CAR Associate Professor**, to which I was initially appointed in **2016**. I identify **Research/Scholarship** as my **primary pillar of academic activity** and **Education/Teaching** as my **secondary pillar**.

I have developed a sustained and coherent academic program that aligns with the expectations for promotion to CAR Professor, demonstrating leadership, breadth, and measurable impact across both declared pillars.

Summary of Significant and Impactful Contributions

Research / Scholarship (Primary Pillar)

My research program demonstrates sustained leadership and impact across health services research, predictive modelling, clinical outcomes, equity-focused population health, learning health systems, and the application of artificial intelligence in healthcare. I have authored 75 peer-reviewed publications, with authorship spanning first, senior, and collaborative roles. I have secured over \$19 million in competitive research funding as Principal Investigator, Co-Principal Investigator, or Co-Investigator from national, provincial, and other peer-reviewed sources, supporting large-scale, multi-year programs addressing health system performance, care utilization, and data-driven decision support. My work has informed clinical and operational decision-making, including triage and transport strategies, predictive analytics for patient outcomes, and system resilience planning, with several projects embedded within health system partnerships and national research networks. I have also contributed to scholarly leadership through learning health system development, data science and AI research strategy, peer review for high-impact journals, research adjudication, and knowledge translation through invited presentations and public scholarship.

Education / Teaching (Secondary Pillar)

My educational contributions reflect sustained excellence and broad influence across undergraduate, graduate, postgraduate, and interprofessional contexts. I have delivered high-volume, longitudinal teaching reaching hundreds of learners annually through flipped classrooms, asynchronous modules, workshops, and small-group instruction in biostatistics, epidemiology, predictive modelling, evidence-based medicine, and data science. I have demonstrated educational leadership through curriculum innovation and faculty development, particularly in integrating data science and artificial intelligence into health professions education. My teaching has been recognized through multiple teaching excellence awards, including awards nominated and adjudicated by students. Mentorship is a core component of my educational work, with sustained supervision of learners across training levels, supporting scholarly productivity, skill development, and career progression.

Advancing the University of Calgary

My work advances the University of Calgary's missions of **research and teaching** through sustained externally funded scholarship, educational leadership, and capacity-building. My research enhances the university's national and international reputation for innovation in health systems and data-driven scholarship, while my educational contributions strengthen training

programs, modernize curricula, and build analytical capacity among learners and faculty. Collectively, my contributions represent a sustained record of excellence, leadership, and impact aligned with the expectations for promotion to CAR Professor.

Thank you for your consideration of my application.

Sincerely,
[Your Name]