



The Engineering Institute of Canada

2021 Award Citation

EIC Fellow

Brian Amsden

Nominated by the Canadian Society for Chemical Engineering

Brian Amsden has an excellent record of innovation and leadership in biomedical engineering education and research. His work has led to the creation of novel biodegradable polymers for drug delivery and soft connective tissue regenerative medicine applications. He has also made contributions to the understanding of the host response to polymer biomaterials and the role of polymer chain flexibility at the material-host interface.

He has led several educational initiatives in Biomedical Engineering at Queen's. He established the Collaborative Program in Biomedical Engineering at the Graduate level, and directed it for many years, while developing three new undergraduate biomedical engineering courses. He has been Head of the Chemical Engineering Department since 2017 and has been an Associate Editor of the Canadian Society for Chemical Engineering journal. He currently leads an NSERC-funded CREATE graduate training program in soft connective tissue engineering and therapy, involving 9 faculty at 4 universities.

Brian is a fellow of the International Union of Societies of Biomaterials Scientists and Engineers and has received many awards for teaching and research including the Donald and Joan McGeachy Chair in Biomedical Engineering at Queen's and the Ontario Centres of Excellence Mind to Market Award.

Ladies and gentlemen, and Mr. President, please welcome Brian Amsden as a Fellow of the Engineering Institute of Canada.