Memorial Tribute to

JOHN HAY CARTER

Lecturer in the Edward S. Rogers Sr. Department
of Electrical and Computer Engineering

December 12, 2017

BE IT RESOLVED THAT the Council of the Faculty of Applied Science and Engineering record with deep regret the death on October 9, 2017 of John Hay Carter.

John Carter received his Honours Bachelor of Science degree in Math and Physics from the University of Toronto (U of T) in 1964, and his Master of Science degree in Computer Science from U of T in 1978. Prior to joining U of T, John taught mathematics and computer science at Harbord Collegiate, Parkdale Collegiate and North Toronto Collegiate Institute. John served as the Math Department head at Parkdale and as the Math and Computer Science Department head at North Toronto. He also taught computer science at Atkinson College (York University) and overseas, spending two years teaching math in Accra, Ghana (Africa) as part of the CUSO (Canadian University Students Overseas) program.

In 1999, John began teaching at the University of Toronto, in the Department of Electrical and Computer Engineering (ECE). In 2002, John became a Lecturer in the department, specializing in teaching first-year courses such as Computer Fundamentals, Engineering Strategies and Practice, and Discrete Mathematics. In recognition of his excellent teaching, John received the 2009 Teaching Award from the Faculty of Applied Science and Engineering.

Over the span of his career, John authored numerous successful textbooks. In the 1970s, John was one of the authors of a popular series of high school math textbooks called *Mathematics Alive*. In 1989, John authored *Problem Solving in PASCAL*. While many books had already been written for the PASCAL programming language by then, those books were typically aimed at the college/university level. John's book was distinctly focused on high-school students. These textbooks were adopted widely at high schools in Ontario and other jurisdictions across Canada, including Quebec, where they were translated into French. John also wrote two textbooks for his Computer Fundamentals class: *An Introduction to Computer Science Using Java* (2003), and *An Introduction to Computer Science Using C* (2008), (Second edition, 2011).

Since 2007, John has served the ECE department as Adjudicator of Academic Offences, as the Chair's designate. For the past few years, he has also served in this role for the Faculty of Applied Science and Engineering, as the Dean's designate. In this role, John was revered for both his

compassion and his fairness. "John was an amazing guy," said Professor Dionne Aleman. "I really admired how he could be simultaneously stern and caring during our academic offence meetings."

John was well-known and well-liked by all. Colleagues and students described him as funny, intelligent, warm, and insightful. "His wry sense of humour often kept me grounded," writes Jan Haugan. "I will always remember his kindness and friendship."

"He will be sorely missed by his students and all of us who had the pleasure of learning how to be better teachers from his example," said Professor Jason Bazylak.

BE IT FURTHER RESOLVED THAT this tribute to John Hay Carter be inscribed in the minutes of this Council meeting, and that a copy be sent to his family as an expression of the respect and gratitude of the members of this Council.

Prepared by Khoman Phang and Michael Carter