

## J.D. Fraser Service Award

**Pemberton Cyrus, FEC, Ph. D., P. Eng.**, was immersed in science and engineering from an early age. He was inspired by his older brothers, one of whom is an Electrical Engineer, who were always tinkering with cars, engines, rockets, planes and kites.

Pemberton received his B. Eng., in 1982, from the University of the West Indies (Industrial – Honors), followed by an M.A.Sc. (Industrial) in 1984, and a Ph.D., in 1988, both from the Technical University of Nova Scotia (TUNS).

Post-graduation, Pemberton joined TUNS as an Assistant Professor. In 2007 he became the Associate Dean of Engineering for Undergraduate Studies and Associated Universities at Dalhousie. Pemberton recently served as Associate Vice-President Academic (Acting). For over thirty years, teaching and research have enabled him to pursue various types of organizational change.

Pemberton's major engineering project is a cloud-based seaport management system built for Grenada, which is now in its 25th year of continuous operation and its third major revision. It is his ongoing volunteer work with Imhotep's Legacy Academy (ILA), however, that has been the most rewarding of his career. This program encourages the participation of African Nova Scotians in Science, Technology, Engineering and Mathematics (STEM). In the last six years, ILA has grown from 150 students to over 1600, and the number of African Nova Scotian Engineering students has quadrupled. Pemberton and his colleagues are now seeing the participants graduate with degrees in engineering, medicine, science and nursing.

In addition, Pemberton volunteers on the Canadian Engineering Accreditation Board, the Engineers Nova Scotia Board of Examiners, and the Maritime Provinces Higher Education Commission. He is an active member of several organizations, including the Canadian Engineering Education Association, the Institute of Industrial and Systems Engineers, the Society for Teaching and Learning in Higher Education, among others. Pemberton received the Engineers Canada Zone Achievement Award in 1997 and was made a Fellow of Engineers Canada in 2008.

Pemberton and his wife, Gail, have two daughters, both following in the family tradition. Shanni is a recent Civil Engineering graduate, and Akili is studying Mechanical Engineering.

For his long-time and continued dedication to Engineers Nova Scotia, Pemberton Cyrus is the 2019 recipient of the J. D. Fraser Award.



The J.D. Fraser Service Award is awarded to an engineer who has made a substantial contribution of service to the association. This includes a record of outstanding volunteer service to the various committees and projects of Engineers Nova Scotia.