

2019 Champion of Engineering Education



Herb Reynolds

Herb Reynolds is a life-long, passionate educator, and champion for engineering education. In his many years as a science teacher at John Henderson Junior High, Herb Reynolds was an engaging teacher who enjoyed helping his students discover a passion for science. His teaching career spanned 34 years. Even in retirement, as Chair of the Planning Committee for Manitoba Robot Games, Herb has helped more than 8,000 students build robots. Through building robots, students have peaked their interests in careers in STEM.

He is proud to share that over 24 years, the Robot Games have inspired over 10,000 students to consider a career in engineering. To participate, students purchase the basic robot kit and then modify it for strategic gain. Aspiring engineers participate in the “battle games” where they can go for speed or torque, depending on what they think is the best strategy. Over the years, Herb has seen students show increasing degrees of creativity with the latest technology available to them.

The Robot Games are an initiative of the Science Council of Manitoba which is a volunteer organisation dedicated to promoting science and technology to Manitoba’s youth. The competition is sponsored by a variety of businesses, professional organisations such as Engineers Geoscientists Manitoba, and government agencies.

In recognition of his dedication to promoting science and technology to Manitoba’s youth, Engineers Geoscientists Manitoba, together with the Faculty of Engineering at the University of Manitoba, is pleased to present the 2019 Champion of Engineering Education to Herb Reynolds.