



From left: Gerry Kerr, Spence Foreman, Ken Bulloch and Frank Daley (July 1982)

Frank had a genial friendly nature. He enjoyed his 25 years of retirement and loved to travel, journeying to such places as Ireland, Spain, Mexico, Hawaii and spending many winters in Florida. In the summer he played a lot of golf and attended to his garden.

Following a short period of illness, Mr. Daley passed away on May 6, 1997 at the Wellesley Hospital in Toronto. A Funeral Mass was held at St. Edward the Confessor roman Catholic Church in North York, followed by cremation. Eleanor, his wife, predeceased him in 1993 and they had no children. He is survived by many nieces and nephews.

JAMES SHAO-MING HWANG 1921 - 1996

by Paul Hwang

[At the family's express request, the following eulogy has been published unedited.]

James Hwang was many things. He was a kind and honest man. A man of integrity. A man of strength. A believer in God. He was born on October 5, 1921. James Shao-Ming Hwang was the 8th born of 9 children to Hwang Chuang-Zong and Ho Bao-Sha in GuongZhou, Guong-Dong, China, originally from the village of Nan-Hai. From an early age, he was always responsible, clever, and thrifty with money. In those days, life was hard even though his parents operated a trading company established by his grandfather. He inherited his stern determination and strong work

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habits from his grandfather, whom he admired very much. He was very proud of his grandfather's pioneering spirit which took his grandfather to America in a Chinese junk to work on the American railway. Later on, his grandfather settled in San Francisco to start his trading company, which branched out to Australia then to Guong-Dong. This pioneering spirit was inherited by James Hwang.

When he was 15 years old, he left home to Macao for high school but was constantly on the move from the Japanese Army during the Japanese war. At that young age, he learned to be self-reliant. Upon graduation, he earned a scholarship to Dr. Sun Yat-Sen University. He enrolled in Civil Engineering because he knew there would be a demand for Civil engineers in China after the war. He was always practical, realistic and forward thinking. His first love was Electrical Engineering but accepted the fact that Civil Engineering was a more sought-after profession back then.

He graduated near the top of his class in 1944 and his first job was to help develop the railway system in Guong-Dong. The 2nd World War had caused much damage in China and he wanted to help to rebuild it because he was proud to be Chinese and wanted to help his country. His performance was distinguished enough that he earned the privilege to be one of two representatives of China at a United Nations-sponsored, post-war rebuilding Conference in Lahore, Pakistan.

In 1946, he was transferred to the Railway Commission of the then-province of Taiwan. He was the head of different sections of the Taiwanese Railway over a 16-year period before he retired from it. Over that time, he contributed greatly to the development of Taiwan's railway system. In fact, some of the systems he introduced are still being used today.

In 1962, he joined the Taiwan Provincial Institute of Agriculture and presided as the dean of the Agricultural Hydraulic Engineering department. In addition, he carried duties of a professor and taught courses there. In his spare time, he loved to play with electronics and built a radio and stereo from surplus army parts. His colleagues also credit him with building the first home refrigerator in Taiwan. He always wanted to improve things in practical ways.

In 1963, he was baptized by Rev. James Taylor III, the great-grandson of the famous missionary, Hudson Taylor. He had a sense of responsibility to the community. To contribute to the community, he designed and supervised the construction of the local church in Taiwan. In fact, his design was also used for local churches in other communities around Taiwan.

He met his wife, Janny, in 1950 and they were married in 1952. All of their children, Bill, Paul and Maria, were born in Ping-Tung, Taiwan. It was because of them that he sought to improve their future by immigrating to Canada in 1967. He came by himself to Canada to get established before sending for his family in 1968. With only \$900 and being 46 years old, he knew it would be very difficult. But God strengthened his pioneering spirit and determination. The early years in Canada were very hard but he persevered with work at land surveying companies. But he wanted to still improve the future of his family. In 1972, he was licensed to be an Ontario Land Surveyor. With this licence, he opened his own company and became the first Chinese Land Surveyor in Ontario. Business was very scarce in the early

years of the company but he was determined to be self-reliant again. This time he embraced computer technology to help him. He purchased a Wang Laboratory computer and plotter system and he self-taught himself software development. With this he developed an advanced system to plot survey drawings. He had improved on both the hardware and software of the Wang system so much that even the Wang Lab engineers wanted to know how he did it. To this day, there are no comparable systems to match what he developed 20 years ago.

In that time, he also revolutionized the way Land Surveyors worked by introducing the use of Polar coordinates over Cartesian coordinates. But he had to bitterly fight the justification of his new method over the centuries-old ways. Today, every land surveyor in Ontario uses his method.

As the business grew, he kept as busy as he could to earn money for the family. It seemed that his energy was endless and his talent diversified as he not only worked on surveys but on household renovations, repairs, as well as being a first class chef. To him, his family was everything. It was the most important thing in his life.

At the height of his career, he retired in 1987. He knew that the acquisition of money was not the most important thing. One only needs enough money to be comfortable in life. That's it.

In retirement, he did not sit idle as he wanted to improve another household appliance, the washing machine. He saw a great deal of wasted energy and water in present day designs, as well as being a great polluter. After many different designs, he developed one that saved both energy and water, used less detergent and cleaned clothes better than any other machine. His resourcefulness and practicality were always amazing. What we broke, he could always fix.

But the discovery of his cancer condition cut short what he could have done for the world. Energy and attention were re-diverted to fight this disease. God blessed him with relatively good health after being diagnosed. And God also blessed him with being almost free of pain through to the end. His strength, determination and faith in God were and always will be a source of inspiration to those around him. We know that he is in heaven with God and Lord Jesus.

It is said that you only really know how tall a tree is after it has fallen.

To those of us who know and love him, he was a Giant.

But to his family, he will always be a good husband and loving father.

Father, we will always love you very much.

[James Hwang passed away on July 28, 1996.]

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