



Ian Stewart McCallum

Ian Stewart McCallum, a geologist and professor emeritus at the University of Washington, died peacefully on May 4, 2018 surrounded by his family in his home in Seattle. He was 80. The cause of death was liver cancer.

Stewart was born on December 13, 1937, in a small, rural village near Stirling, Scotland. He attended Stirling High School and then St. Andrews University, where he played soccer and

discovered his passion for geology. After graduating in 1960 with B.Sc (1st class Honors), he emigrated to Canada, taking a job as an exploration geologist in western Quebec. There, in the town of Noranda, he met and married Doris (Devereux). In 1962, the couple moved to Chicago, where Stewart resumed his studies at the University of Chicago. Six years later, with a Ph.D. in geology and a family that by that time included two children, Stewart moved to the University of Oregon for post-doctoral studies. In 1970 he was appointed to the faculty of what was then the Department of Geological Sciences at the University of Washington, where he spent the rest of his career. He retired in 2010.

Stewart is well-known for seminal research in a number of areas. He elucidated the magmatic processes that have determined the character of the Moon, drawing analogy between lunar rocks and those in the Stillwater Complex, a layered mafic intrusion exposed in the Beartooth Mountains of Montana. The Stillwater Complex was Stewart's first love, however, and he studied it intensely for more than twenty years. There he and his students conducted the first modern stratigraphic study of the body and developed petrologic models to account for the unusual layering and the origin of its economically important platinum-group element



deposit, for which the Stillwater is best known. Later in his career he turned his attention to the character and origin of Mount Baker, a subduction-related Cascade volcano.

Stewart never forgot his Scottish roots. Yet his taciturn and unassuming character belied a gregarious streak that endeared him to colleagues and students alike. He was a masterful teacher, a

brilliant mind and highly respected in his field, a gentle and thoughtful man, a lover of life, and one to put those around him first. He was also a devoted husband and father. He is survived by his wife, Doris, son David, daughter Julie, granddaughter Anna, and brothers Kenneth and Douglas.