

Frank Garvan

Born: March 9, 1955

[62, 1357, 1984, 2021, 2, 2, 1]

https://en.wikipedia.org/wiki/Frank_Garvan

<https://qseries.org/fgarvan/>

By: Edward Chung

Frank Garvan is an Australian mathematician, born on March 9th, 1955. He received his Ph.D from Pennsylvania State University, under the advisory of George E. Andrews. While currently a professor at the University of Florida since 1992, he has had many post-doctoral positions in numerous different universities across countless countries. These include Macquarie University, in Sydney, Australia, Dalhousie University in Halifax, Nova Scotia, Canada, the University of Minnesota, and the University of Wisconsin.

Garvan is very well-known for working in the fields of q-series and integer partitions. One of his most famous discoveries revolved around the definition of the crank of a partition. The crank of a partition was first introduced by Freeman Dyson, an English-American mathematician, in 1944, but was undefined at the time. It wasn't until 1988, when Andrews and Garvan discovered a definition for the crank that satisfied Dyson's original properties that he had hypothesized back in 1944. Today, Garvan is still teaching at the University of Florida, still interested and researching a myriad of mathematical branches, including number theory, basic hypergeometric series, and symbolic computation.