

Alayne Parson (b. May 29,1947

[21,81,1973,1993,3,3,1]

By: Kishan Patel

Alayne Parson has obtained a PhD from the University of Illinois at Chicago with a dissertation on Generalized Kloosterman Sums and the Fourier Coefficients of Cusp Forms. She went along to be a professor at Ohio State university where she was nominated to fill the Vice Provost for program evaluation and coordination in 1994. She later transferred to the University of Denver where she retired in 2012. Alayne Parson's interest were in modular forms. Her publications were most on the number theory with smaller amounts in quantum theory and functions of a complex variable shown on mathscinet. Like Ramanujan, her focus on modular forms as nearly all his identities when solved to modular forms. Her greatest achievement to her was a paper on "Rational Period Functions and Indefinite Binary Quadratic Forms, III." This contained an alternate proof of the Choie-Zagier results on "Rational Period Functions for $PSL(2,Z)$ from a more pragmatic perspective. She commented that this would make Ramanujan proud. Also mentioned being very proud of her son who is also a PhD student from Princeton who studied number theory and worked with Andrew Wiles.