

Ida-Rose and I were married on September 24, 1941 in the Salt Lake Temple. Our first apartment was in a small private living space in a heated area, but the sleeping space was in an outdoor screened in area. We had to take a hot water bottle to bed to get some warmth. We shared the kitchen with all the other dwellers in this place where we enjoyed the company of many fine friends. Later we had an apartment of our own nearby and had our first child, a girl, and named her Sherlene.

I continued my studies in chemistry and Physics at the University of Utah where I obtained a Masters Degree. My friend Frank Davis was now at the US Bureau of Mines and had obtained a job for me there.

It was here that we first parted. The US Navy was responsible for that and I was sent to the Great Lakes Naval Training School. At first, I was a Seaman first Class but later was commissioned as an Ensign.

Later on, I took an exam that qualified me to begin training in Radar and Electronics. I spent about six months at Bodoin College and later six months of intensive training in more advanced studies at MIT and Harvard.

Then, I had a ship but never was in combat.

When the War was over, I went back to my studies and obtained a doctorate degree in Chemistry and Physics.

Then it was time to start looking for a job. I interviewed at several places including Kodak, National Carbon, DuPont and GE. I Chose GE and they accepted me.

My boyhood hero, Thomas Edison, had his first machine shop on the banks of the Mohawk River and now I was working in that very area!

I first worked on problems of creating better insulating materials for coating wires. Later, I had an opportunity to work on a project to make diamond from graphite. To make a long story short, I invented a device that would create pressures never before created by man. It, also, at the same time would heat the inside of this device to a temperature that would melt iron. I named this device "The Belt"

On December 16th of 1954, I succeeded in transforming ordinary graphite into diamond. Many scientists over a period of 140 years had attempted to accomplish this.

General Electric now produces hundreds of tons of diamond in my machine.

GE did not live up to my expectations of this accomplishment . I thought that they should have pushed ahead to get the Nobel prize for me..

So, I quit them and took a job at Brigham Young University where I held the positions of Professor of Chemistry and Director of Scientific Research and Creative Endeavor.

I am now retired. We have seven wonderful children: Two sons, and three daughters. We also have 36 grand children and 2 great grand children.

I still keep my hand in science and, for recreation, I have created a tree farm that is located in Payson, Utah. That gives me plenty of exercise to stay in shape.

I love my wife dearly and pray that we may have the opportunity to live the rest of lives to the fullest.