

Alan is happily retired and enjoying grandchildren and spending good times with his wife Sandra. Currently designs and makes everything from jewelry, mobiles and specialty machines to forging his own tools. Alan has been a board member of the [Enamel Guild North/East USA](#) since 1997. He has been employed in several countries and has had the privilege of being assigned leadership management and design positions in these countries. In the US and France lead the selection and implemented of company-wide supply chain software. US Operations Management producing a Local Area Network system. Facilitated transistor production process design and improvements. Redesign of the first Ground Fault Interrupter, to make it manufacturable. Director of Research. Alan holds a licensed as a Professional Engineer, State of California. Israel Aircraft Industries lead Instrumentation Engineer ground and later flight test. Flew F14 and Kfir aircraft under test, flew a Spitfire. Reporting directly to the Chief of Staff of the Israel Defense Forces designed and project managed sewage systems at Sharm-el -Sheikh, 50 miles of electronic security fencing between Israel and Jordan, anti-frogmen defenses and various pieces of specialty military equipment for paratroopers. Tadiran Telecommunications Israel Quality and Reliability Manager. In Israel had an early morning second fun job as a bench jeweler for a well known art jeweler. University College London B.Sc. Mechanical Engineering with an electronic instrumentation specialty. Summer internship as a toolmaker at Gebruder Sultzer, Winterthur, Switzerland. At eighteen Alan was hired as a mathematician for Ilford Films Ltd solving the color balance of all their photographic films after which Ilford provided training for Alan as a toolmaker needed for a research position developing Xerographic paper. Born and educated in England.