

## Mary-Louise Rose Rusek

Born Mary-Louise Lickert - Euclid, Ohio

### Work Experience

- 2001- President, Lab Manager and Co-Owner of Swift Enterprises, Ltd., West Lafayette Indiana.
- 2005- WorkKeys Teacher at Tippecanoe County Jail for Lafayette School System, Lafayette, Indiana.
- 1998- Substitute Teacher for the Lafayette School System, Lafayette, Indiana.
- 1991-1993 Lab Manager for the Chemistry Division, United States Air Force Rocket Propulsion Laboratory, Edwards AFB, California. Helped researchers in dealings with maintenance contracts, purchasing, strategy.
- 1989-1991 Research Chemist in the Chemistry Division of the United States Air Force Rocket Propulsion Laboratory at Edwards AFB, California. Developed in-house procedures for laser interferometric particle size analyses. Conducted research on ammonium perchlorate recrystallization. Analyzed particulates of aircraft hydraulic fluids.
- 1988-1989 Substitute Teacher for the Tehachapi School District, Tehachapi, California.
- 1980-1982 Research Assistant for Professor Sam Savin, Case Western Reserve University, Cleveland, Ohio. Stable carbon isotope analysis.
- 1979-1980 Teaching Assistant for Professor James Aronson, Case Western Reserve University, Cleveland, Ohio. Introductory Geology Course.
- 1979 Research Assistant for Professor Ian Fleming, Geology Department, Northern Illinois University, DeKalb, Illinois. Collated and organized research geology collection.
- 1975-1976 Art Teacher and Substitute Teacher for the East Cleveland School System, East Cleveland, Ohio.

### Education

- M.S. in Geology, Case Western Reserve University 1983  
B.S. in Geology, Northern Illinois University 1979  
B.S. in Art Education, Case Western University 1975  
B.A. in Fine Arts, Cleveland Institute of Art 1975  
Euclid Senior High School, 1971