

PHILIP C. TRIMMER
66 Trimmer Trail
Lexington, Virginia 24450
540.460.2421

EDUCATION

The Florida State University, Tallahassee, Florida.
Masters of Science in Analytical Chemistry, Spring 1995.

Western Washington University, Bellingham, Washington.
Bachelor of Science in Chemistry, December 1990.

Northwestern Michigan College, Traverse City, Michigan.
Associate of Science in Physical Sciences, May 1985.

EMPLOYMENT

- July 2000 to Present Senior Chemistry Technical Manager, Chemical Hygiene Officer, and Radiation Safety Officer for Washington and Lee University. Responsible for maintaining all chemical instrumentation, inventory and ordering. Assist in the teaching and grading of labs. Keep the labs safe through training and hazardous waste disposal. Assist with research.
- Apr. 1997 to Dec. 2013 Self-employed General Contractor for House Mountain Homes, Inc. Responsible for all phases of construction, planning, supervision and on time completion of building projects. Have nurtured this start-up business from its infancy to development of two multi-lot subdivisions within Rockbridge County.
- Jan. 1995 to Apr. 1997 Chemist at ICI Americas, Fayetteville, North Carolina plant. Supervisor: *Nipun Shah*. Transitioned the entire lab from strip chart recorders and integrators to computerized interfaces. Managed the Quality Control lab of two polyester plants. Supervisor for 12 lab technicians. Responsible for lab safety, SOP validation, statistical analysis, instrument maintenance, ISO 9000 documentation, and product characterization.
- June 1994 to Jan. 1995 Chemist at the Florida Department of Environmental Protection. Supervisor: *Dr. Bill Coppenger*. Analysis of environmental samples for pesticides, and herbicides using GC and GC/MS Methods. Responsible for QA/QC as well as standards preparation, method validation, and SOP writing. Have extensive experience with ECD, NPD, FID and FPD detectors. Am familiar with the daily operation, maintenance, and trouble-shooting of Hewlett Packard, Perkin Elmer, and Varian Gas Chromatographs. Have used several auto-samplers and software packages with these instruments, including Multichrom and Turbochrom.
- Apr. 1991 to Jan. 1995 Research Assistant at Florida State University. Major Professor: *Dr. Joseph Schlenoff*. Performed diverse chromatographic and spectroscopic techniques in the analysis of newly synthesized thin polymer films. Taught Analytical Chemistry Lab to undergraduate students. Obtained the electroluminescence spectra of several novel and patented compounds. Collaborated with Dr. Kurtis Johnson of High Energy Physics on improving the radiation resistance of polymers. Developed a new method to measure gaseous diffusion into polymers using a typical UV-VIS spectrophotometer.

RADIATION RELATED EXPERIENCE

- 1991 to 1995 Attended a one day radiation safety course in Florida. Passed the exam to become licensed by the state in the safe use of ionizing radiation and radio labelled compounds in research.
- 1995 to 1997 Attended a one day radiation safety course in North Carolina. Passed the exam to become licensed by the state in the safe use of ionizing radiation. Became the Radiation Safety Officer for the ICI Americas polyester plant in Fayetteville, North Carolina. Developed radiation safety SOP for the use of high energy x-ray fluorescence spectrometer. Trained 12 lab technicians in the safe use of this instrument and dosimeter badge protocols.
- 2014 Attended a one week seminar to become a certified Radiation Safety Officer.
- 2016 Attended a four day seminar in Advanced Radiation Safety.

PRESENTATIONS AND PUBLICATIONS

- May 1994 Florida Regional American Chemical Society meeting presented: "Electroluminescence in Thin Polymer Films."
- January 1993 Published: "Spatially Resolved UV-VIS Characterization of Radiation-Induced Color Centers in Poly (Styrene) and Poly (Vinyl Toluene)," Journal of Radiation Physics and Chemistry, Pergamon Press, 1993, pp. 57-64.
- December 1992 Joint Southeastern-Middle-Atlantic Regional Meeting of the American Chemical Society presented: "Radiation damage in Polymers".
- April 1992 International Conference on Radiation-Tolerant Plastic Scintillators and Detectors in Tallahassee, FL presented: "A New Way to Measure Gaseous Diffusion Coefficients in Polymers."
- February 1992 Poster session entitled: "Radiation Resistance of Plastic Scintillators" at the Florida Advanced Materials Chemistry Conference.

REFERENCES

Dr. Lisa Alty
Department of Chemistry
Washington and Lee Univ.
Lexington, Va. 24450
540.458.8927

Dr. Steven Desjardins
Department of Chemistry
Washington and Lee Univ.
Lexington, Va. 24450
540.458.8873