



American Chemical Society

RED RIVER VALLEY Local Section

Presents a Science Café

Refreshments Served starting at 6:45 pm

Yellow to Green: The Transition from Egg Yolk Tempura Paint to Low Emission Coatings

7:00 pm January 31st
Scheels Hardware
3202 13th Avenue South, Fargo

Dating back to the ancient Egyptians, artists have understood the power of nature and its ability to protect and enhance beauty. Ancient Egyptian artists discovered the power of drying oils present in egg yolks, which when blended with pigments provided beautiful protective coatings. The technology of drying oils is still relied upon for many architectural coatings. However, with the discovery of latex polymers in the years leading up to World War II and the subsequent "Green Revolution" upon us today, water-based technology has become the foundation of Consumer coatings.

The Red River Valley Section of the American Chemical Society's Science Café in conjunction with the Department of Coatings & Polymeric Materials at North Dakota State University and Scheels Hardware are pleased to present Howard Killilea. Howard will provide an overview of architectural coatings, the science and chemistry behind coatings, and commentary on market direction.



About the Speaker:

T. Howard Killilea is a Research Director with The Valspar Corporation, a \$3 billion global coatings company. His R&D career includes product development for the coatings field including product development for waterbased, electro-deposition, and radiation reactive polymers and coatings. Howard has filed patents on a wide range of technologies including: urethane, latex, epoxy, and radiation curable coatings and polymers.

Howard received his MS in Polymers and Coatings from North Dakota State University and his MBA from the Carlson School of Management, University of Minnesota. He is currently pursuing his Juris Doctorate at William Mitchell College of Law.