



**GloCal Network Corporation**  
*An Integrative Global/local Networked  
Development Corporation*  
glocalcorp.net

 **PCL**  
**Polymeric Composites Laboratory**

**F.R.E.E.D.O.M.**  
Foundation for Research Experiential  
Educational Developmental  
Operational Management

## 30<sup>th</sup> Annual Review

March 19 – 20, 2012, marked the 30- year anniversary of the formation of the Polymeric Composites Laboratory, 20 years since we established the teaming program and also coincided with 20 years since Toray established its operation in Seattle as Toray Composites America under the leadership of Malcolm Katsumoto.

What was accomplished with this review was not only to feature our scientific and investment achievements, but also to determine how we can altogether innovatively charter our future. Although we have been experimenting especially with many concepts since I broadened my university affiliations in 2005, a consistent theme has been centered on how to involve the public into the science of polymeric composite materials. The work of a chemical engineering colleague, Dr. David Edwards at Harvard, who has established Art Science Centers in Boston and Paris, has solidified our quest. Their group also created an Art Science prize that is targeting high school students the world over. I feel the time may be right to look at the art form of Carbon Fiber Reinforced Plastics (CFRP's), and with the knowledge that we have generated over the years, be able to provide artists as well as the general public with the opportunity to express their creativity and explore this really unique material form. Accordingly, I have asked the four non-profits in our network that include the U. S., France, Japan, and Greece, to encourage the creation of art forms after our review. We hopefully can obtain contributions from each region and have the artists exhibit their creations at our store front in Seattle during the coming year. Furthermore, as we have done with the Domus/BBJ design competition and an ongoing collaboration with Bob Swain, a premier architect/designer, we decided to move forward with an analogous international design competition with CFRP after the review. This can encompass from art to science teams that involve all ages, specialties, and cultures. I have been communicating individually with several people in our BEDR network concerning this endeavor including art schools and classes taught by accomplished artists, scientists and engineers. My hope is that this new focus will take us to new levels of creativity, innovation and entrepreneurial activity for our network.

Best regards,  
James C Seferis