

## Synthesis, Characterization and Properties of Conjugated Monolayer Films Prepared via Self-Assembled Monolayers

Mitchell J. Schultz, Aaron D. Finke, and Jeffrey S. Moore

Graphene and graphene-like materials have recently become the focus of intense research due to their interesting properties. Unfortunately, the synthesis of large films of this type has proven difficult. This poster will present details of a unique approach to the synthesis of two dimensional, conjugated monolayer films through the linkage of carbon rich self-assembled monolayers using a variety of known carbon-carbon bond forming reactions.

