

Chemistry Invited Faculty Seminar
Tomorrow (Friday) February 22 at 3:30 PM in HEC 125
Please note the room.



Dr. Gregory Robinson
UGA Foundation Professor
Chemistry Department
University of Georgia
Host: Titel Jurca

**Counterintuitive Chemistry:
Carbene-Stabilization of Highly Reactive Molecules**

Abstract

Education:

B.S., Jacksonville State University, 1980
Ph.D., University of Alabama, 1984

Research Interests:

Our laboratory has been studying difficult problems relating to fundamental issues of structure and bonding in organometallic compounds. In particular, we are interested in the synthesis, stabilization, and structure of compounds containing multiple bonds between heavier main group elements (such as gallium and lead) and extending the concept of aromaticity beyond carbon ring systems to metallic ring systems—a phenomenon known as *metalloaromaticity*. Our group is involved with both organic and inorganic synthesis and has become proficient in the synthesis and manipulation of air-sensitive compounds and materials. Our principal characterization technique is single crystal X-ray diffraction.