

T. Brent Gunnoe, PhD*Commonwealth Professor of Chemistry*
University of Virginia**Organometallic Chemistry,
Catalysis and Graduate
Education**

Fundamental advancements in the field of organometallic chemistry have enabled advances in new catalytic processes that are of significant benefit to society. As an undergraduate chemistry major at West Virginia University, I was provided an opportunity to engage in undergraduate research focused on the synthesis of early transition metal organometallic complexes. This experience diverted my trajectory toward an academic career dedicated to research focused on understanding of organometallic reactivity applied to the development of new strategies for catalytic conversions of small molecules. The presentation will detail some experiences from my time as an undergraduate student through my tenure as a graduate student, postdoctoral researcher, faculty member and my current role as Associate Dean for Graduate Education with a few highlights of new organometallic chemistry and catalytic processes.

What: C. Eugene Bennett Department of Chemistry In-House Symposium Plenary**When:** Monday, November 3rd, 2025
4:40-5:40 pm**Where:** Clark Hall 208