UNIVERSITY OF MINNESOTA Driven to Discover

## **Department of Chemistry**



## 9:45 a.m. Tuesday, November 23 • 331 Smith Hall



Associate Professor

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New Organolanthanide Complexes Containing Tetraphenylethylene and Benzylidenefluorene

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## Abstract

We have systematically explored a new class of organolanthanides. These include complexes of lanthanides (II, III), as well as yttrium (III), containing the dianions of tetraphenylethylene and benzylidenefluorene. Syntheses, spectroscopic, and structural studies of these and related species will be discussed in detail.