

A glimpse at the Balch-Olmstead fullerene legacy

Mrittika Roy¹, Alan Balch²

**¹University of California, Davis ²University of California, Davis
*mriroy@ucdavis.edu***

The technique of cocrystallization developed in the Balch-Olmstead laboratory provided a unique solution to problems relating to fullerene disorder. It caused the field of fullerene structure determination to explode, enabling the characterization of historic endohedral fullerenes that defied the once-sacred Isolated Pentagon Rule and challenging our understanding of encapsulation chemistry. A timeline of the Balch-Olmstead legacy's greatest highlights will be presented.