

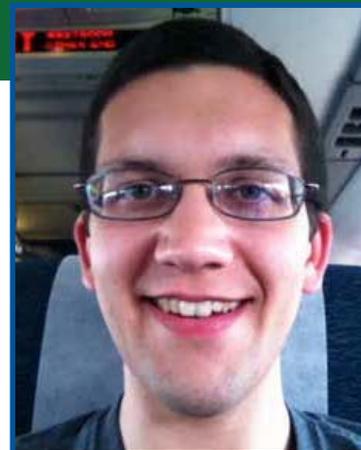
Deven Paul Estes

Graduate Institution: Columbia University in the City of New York

Graduate Discipline: Chemistry

Hometown: Cement, OK

Relevant SC Research: Basic Energy Sciences



Research Interest:

I am interested in the study of inorganic and organometallic reaction mechanisms, especially with regard to novel reactivity modes. My current focus is on the reaction of hydrogen atom transfer (HAT) reactions from transition metal hydrides with weak M-H bonds. These have been found to donate hydrogen atoms to a variety of unsaturated organic substrates to generate carbon radicals. I am more broadly interested in small molecule activation (N_2 , CO_2 , H_2 , etc.) and in f-block chemistry. In my spare time I enjoy cooking and music.



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