

Deven Estes



Graduate Institution: Columbia University

Location: New York, NY

Graduate Discipline: Inorganic Chemistry

Hometown: Cement, OK

Research Interests:

I am interested in the reaction mechanisms of organometallic species. My current research focuses on three points of interest:

- 1. Determining Metal – Hydrogen bond strengths in transition metal hydrides*
- 2. Studying the mechanism for decomposition of $\text{CpFe}(\text{CO})_2\text{H}$*
- 3. Studying the rates of HAT from various metal hydrides to various unsaturated carbon-carbon bonds*

As a side interest, I am also fascinated by the use of time resolved spectroscopy to discern reaction mechanisms.

About me:

I am currently a student at Columbia University in the Department of Chemistry. I perform research in the laboratory of Professor Jack Norton. I am actively involved in the high school outreach programs throughout the department. I have enjoyed my time as a teaching assistant very much and will most likely pursue a career where teaching is an intimate part of my duties. In my spare time I enjoy classical music and baking bread.



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