



*The joy of working with undergraduates*

## Jared Plenkos, 2015

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**Field strength:** 400 MHz

### Why is this your favorite spectrum?

We all love a clean NMR spectrum that reminds us that chemistry occasionally works. However, even a somewhat simple reaction can prove to be difficult and generates unintended peaks. This piece, Abstract Art by Liz, displays what should be a single resonance from a  $^*Cp$  ligand and an explanation for why this anomaly occurred. As a reminder of the difficulties associated with chemistry, this piece of art is proudly hung up in the lab. We can joke about this spectrum because...eventually...we got the reaction to work.