



# Michael Glenn Campbell

**Graduate Institution:** Harvard University

**Graduate Discipline:** Organometallic Chemistry

**Hometown:** Cumberland, MD

**Relevant SC Research:** Basic Energy Sciences

## Research Interest:

My research interests are wide-ranging, from functional inorganic nanomaterials, to developing new methodology for transition metal redox catalysis. The majority of my PhD research has focused on exploring new reactivity of bimetallic transition metal complexes that feature metal–metal bonding. In particular, we have developed a solution-phase synthesis of 1-D palladium nanowires, which rapidly self-assemble via metal–metal bonds. I am also interested in catalysis from related structures, in which metal–metal redox cooperation allows for the achievement of challenging organometallic transformations.

## About Me:

I am a fourth-year graduate student at Harvard, working in the lab of Tobias Ritter. I received my B.S. in Chemistry from Loyola College in Maryland in 2008, where I worked for two years under Jesse More on a total synthesis of the ezomycin antifungals.

At Harvard I have been involved in both research and education, and have worked as a teaching fellow for several courses in the chemistry department. I am very interested in teaching, and have previously worked as an instructor at Allegany College in Maryland teaching summer chemistry classes. Following

the completion of my PhD I intend to remain in academia, which will allow me to pursue my interest in both research and education.

Outside of the lab, I am an active musician and have been involved in playing with various groups at Harvard including jazz and world music ensembles.



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