

# Michael Campbell



**Graduate Institution:** Harvard University

**Location:** Cambridge, MA

**Graduate Discipline:** Organometallic Chemistry

**Hometown:** Cumberland, MD

## Research Interests:

*My current research is on the synthesis and characterization of 1-D Palladium nanowires supported by metal-metal bonding, which self-assemble upon oxidation of Pd(II) starting materials. I am also interested in catalysis from related structures, in which metal-metal redox cooperation allows for the achievement of difficult C-X bond-forming reactions.*

## About me:

*I am a second-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, graduating summa cum laude. I worked at Loyola for two years under Jesse More on a total synthesis of the ezomycin antifungals. Upon graduation, I received the McNeal Chemistry medal and the Madeleine Friemuth Memorial Award for Chemistry, and was inducted into the Phi Lambda Upsilon chemistry honor society. I was also a 2007 inductee into the Phi Beta Kappa honor society, Epsilon of Maryland Chapter.*

*At Harvard I have been involved in both research and education, and have worked as a teaching fellow for two semesters for undergraduate organic chemistry courses. I am very interested in teaching, and have also worked as an instructor at Allegany College in Maryland teaching summer chemistry classes. Following the completion of my Ph.D. I intend to begin a career 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 big bands and jazz combos with other graduate students at Harvard.*



U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science