Inorganic and materials chemistry play a central role in the advancement of sustainable energy storage and conversion technologies such as batteries, lighting, solar cells, and carbon-neutral fuels. In this talk I will present an overview of the chemistry Ph.D. program at Wayne State University (www.chem.wayne.edu). Specifically, I will describe educational opportunities offered in the fields of inorganic and materials chemistry, as well as the facilities available to perform innovative research in these fields.

In addition, I will describe the research carried out in my group (http://chem.wayne.edu/rabuffettigroup/), which aims at using fundamental chemical principles to develop inorganic materials and nanomaterials capable of performing NIR-to-visible light upconversion. These materials are of interest in view of their potential application in biophotonics (imaging and sensing) and photonics (solid-state lasers).
Chemistry Ph.D. at Wayne State University

Inorganic, Organic, Physical-Chemistry, Analytical, Biochemistry, Materials

- Competitive 12-month stipends
- Department pays your tuition
- Medical and dental insurance

Submit your application by December 1st, 2018

For more information visit chem.wayne.edu or contact Prof. Federico Rabuffetti (far@chem.wayne.edu)

Transcript
Statement of Purpose
3 Letters of Recommendation
No application fee
No GRE required