

# 21<sup>st</sup> Boston Regional Inorganic Colloquium

**February 27, 2010**

Pfizer Lecture Hall, Lower Level, Mallinckrodt  
Harvard University

*Hosted by the Betley and Holm Research Groups*

- 9:30 a.m. Reception and coffee (*Pfizer Lecture Hall, Mallinckrodt*)
- 10:05 a.m. Introduction by Professor **Theodore Betley**
- 10:10 a.m. Professor **Linda Doerr** (*Boston University*)  
"Late Transition Metal Complexes of Fluorinated Alkoxide Ligands: The Power of Fluorine."
- 11:10 a.m. Dr. **Adam Hock** (*Gordon Group, Harvard University*)  
"The Rational Development of Vapor Deposition Precursors for Earth Abundant, Inexpensive Photovoltaics."
- 12:00 p.m. Lunch
- 1:20 p.m. Dr. **Andrew Greytak** (*Nocera Group, M.I.T.*)  
"An alternate layer addition approach to CdSe/CdS core/shell quantum dots with near-unity quantum yields."
- 2:15 p.m. Professor **Christine Thomas** (*Brandeis University*)  
"Multi-Electron Redox Activity and Metal-Metal Interactions in Early/Late Heterobimetallic Complexes."
- 3:30 p.m. Professor **Sabyasachi Sarkar** (*Indian Institute of Technology Kanpur*)  
"Monodithiolene Oxomolybdenum<sup>(IV)</sup> Hydrosulfido or Thiolato Complexes Related to the Reduced Form of Molybdoenzymes"
- 4:30 p.m. Closing Remarks by Professor **Richard Holm**

**This event is sponsored by Harvard University, Strem Chemicals, Inc., LCT Solution, Inc., Sigma-Aldrich Co., and M. Braun, Inc.**