

Inorganic Chemistry II, Chem151B

Suggested Presentation Topics

- Bioinorganic Chemistry (many possible topics, e.g. cis vs. trans biological activity for Pt)
- Biomineralization/Biomaterials
- Cluster Chemistry (Metallocarboranes, etc.)
- EPR in Inorganic Chemistry
- Group Theory in Inorganic Chemistry
- Heterogeneous Catalysis
- High Temperature Superconductors
- Homogeneous Catalysis
- Macrocycles/Macromolecular Chemistry
- Multiple Quantum NMR
- Nanochemistry
- NMR in Inorganic Chemistry
- Organic LEDs
- Smart Windows
- Solar Cells
- Solid State Fuel Cells
- Stereochemical Non-Rigidity
- Zeolite Chemistry
- Ziegler-Natta Catalysis

General Info

- Reserve topic with the instructor, one student each. Other topics not on the list are ok, but discuss first with the instructor.
- Reinforce the basics of the topic covered in class (2 to 5 minutes), then present recent developments (trends or publications) in the area.
- Approximately 10 minutes, in any format you wish: Powerpoint slides (laptop and LCD projector will be provided), overhead transparencies or chalk talk.
- Best source of information: recent reviews in journals. Find through SciFinder Scholar (requires installation of software, or use in the library). Webofscience.com is also good though not as powerful. Google is ok sometimes, but can you trust the online info?
- In-class, on 11/28 and 11/30 (and 12/2 if necessary); attendance is required for all days!