

Physics 6001: Research Presentations. Winter 2009.

Possible Topics – must get instructor approval.

- *Must not be directly from your thesis research but can be peripherally related.*
- *Style should be that of a short review article.*

- Neutron Scattering.
- Elasticity Theory.
- Liquid Crystals.
- Dislocations, Defects and Cracks.
- Fluid Mechanics.
- Surfaces and Interfaces.
- Quantum Hall Effect.
- ...
- Your choice.

- *Submit outline by Jan. 30: Title and major references (books and review articles).*
- *Write-up should be done in Tex, approximately 10 pages, submitted as a pdf hard copy.*
- *Presentation not submitted.*

Evaluation.

- Concepts – 20
- Clarity/Organization – 15
- Examples (theory and experiment) – 20
- Figures – 10
- References – 5
- Conclusions - 5
- Presentation - 25