2.25 Fall 2005: Must See TV!
Important Fluid Mechanics Movies to Watch

Almost all of the movies in the NCFMF series offer something insightful that will be of use in studying fluid mechanics (and they should be remembered as a useful resource going forward in your research career). However the following list may help you prioritize which ones need reviewing in preparation for the Final or qualifiers

The movies can be found at
http://web.mit.edu/fluids/www/Shapiro/ncfmf.html
or
http://modular.mit.edu:8080/reports/index-ifluids.html

Must See (and Understand)

Pressure Fields and Acceleration
http://modular.mit.edu:8080/ramgen/ifluids/Pressure_Fields_and_Fluid_Accel.rm

Low Reynolds Number Flow
http://modular.mit.edu:8080/ramgen/ifluids/Low_Reynolds_Number_Flow.rm

Fundamentals of Boundary Layers
http://modular.mit.edu:8080/ramgen/ifluids/Fundamentals-Boundary_Layers.rm

Vorticity Parts 1 and 2
http://modular.mit.edu:8080/ramgen/ifluids/Vorticity_Part_1.rm
http://modular.mit.edu:8080/ramgen/ifluids/Vorticity_Part_2.rm

Also Useful (as time permits)

Surface Tension in Fluid Mechanics
http://modular.mit.edu:8080/ramgen/ifluids/Surface_Tension_in_Fluid_Mechanic.rm

Eulerian & Lagrangian Descriptions
http://modular.mit.edu:8080/ramgen/ifluids/Eulerian_Lagrangian_Description.rm

Flow Visualization
http://modular.mit.edu:8080/ramgen/ifluids/Flow_Visualization.rm

Secondary Flows
http://modular.mit.edu:8080/ramgen/ifluids/Secondary_Flow.rm