Solid-State Physics II in fall 2006 will survey three general areas: I. Transport at the nanoscale and in systems of reduced dimensionality (e.g., the quantum-Hall regime); II. The quantum theory of magnetism in matter; III. Superconductivity. MEETING TIMES: Tuesdays and Thursdays 2:00–3:15 P.M. PREREQUISITE: Solid-State I or equivalent preparation. Some familiarity with Fermi surfaces and band theory will be assumed. For more information about Solid-State Physics II and to be placed on the summer mailing list (textbooks, etc.), contact Dr. David A. Rabson, davidra@ewald.cas.usf.edu. WEB: http://ewald.cas.usf.edu/teaching/2006F/6426. For assistance with registration, contact Ms. Evelyne Keeton-Williams in the physics office.

Happy experimenters.