Abstract Submitted for the MAR09 Meeting of The American Physical Society

Competing s and d-wave superconducting order in V_3Si SHANTANU MUKHERJEE, DANIEL AGTERBERG, University Of Wisconsin-Milwaukee — Competing phases have generated a lot of interest in the study of cuprate and pnictide superconductors. Here we examine the competition between s and d-wave superconducting order in V_3Si . We provide microscopic arguments as to why both of these phases have a comparable transition temperature in this material. We further argue that many experimental probes provide evidence for this competition.

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Date submitted: 21 Nov 2008 Electronic form version 1.4