

NATIONAL SCIENCE FOUNDATION

FY 2006 Budget Request to Congress



February 7, 2005

*About the cover: **Gravitational Waves from In-Spiraling Black Holes.** This simulation of orbiting black holes was created on the Itanium Linux Cluster supercomputer at the National Center for Supercomputing Applications (NCSA) at the University of Illinois, Champaign-Urbana. The ripples shown are known as gravitational waves, which result from the merging of two black holes. NCSA, which receives support from the National Science Foundation, has an international reputation in high performance computing and networking and in developing innovative software applications. Credit: Ed Seidel, LSU; Max Planck Institute for Gravitational Physics (Albert Einstein Institute); visualization by Werner Bengert, Zuse Institute Berlin.*