



Materials Digital Library Pathway

NSF MS Initiatives

- Nanoscale Interdisciplinary Research Teams
- Materials Research Science & Engineering Centers
- International Materials Institutes

Teaching Resource Development

- MS Teaching Archive

NSF NSDL MatDL Pathway

Goal: Facilitate interactions between research & education

Audience: Undergraduate and above

Site available: September 2006

Supporting...

Virtual Labs

- Intro to Solid State Chemistry

Collaborative Code Development

- NIST FiPy
- UM



Accomplishments

Information Infrastructure

- Fedora 2.1.1 (Repository)
- Fez 1.2 (Interface)
- NSDL Single Sign-on
 - Authentication
- Subversion & Trac
 - Collaborative Code Development
- iVia testing
 - Metadata generation
- Metadata Capture
- Soft Matter Wiki

Outreach

- MRS Fall 2005
 - 1 invited panel, 2 presentations, 3 posters
- MRSEC Directors Meeting
 - Invited presentation to Directors
- Journal of Materials Ed
 - 2 published papers
- NSDL MatDL Workshop at NSF Sept 2006
 - 4 MRSEC teams (Directors, Education, Shared Facilities)
- TMS Fall 06 & 07 Annual Meeting
- Others



Next Steps

- NSF Workshop on Cyberinfrastructure in Materials Science
- September 06 Official launch
- Follow up from MRSEC workshop
- Partners in International Materials Institute
- ASM Controlled Vocabulary project
- Omniture