



THE NATIONAL SCIENCE DIGITAL LIBRARY

Pathways Updates Summary, August 1, 2007 Eileen McIlvain



Technical development...

- New portals everywhere, with supporting infrastructure, enhanced user services
- Community Sign On -> Engineering
 - Coming up: MatDL, ComPADRE, Teachers' Domain
 - other NSDL projects: Instructional Architect, Content Clips

Collections...

- Building content...
 - all Pathways have increased their collections, adding new content
 - improved review and editorial processes and systems
- And context...
 - MSP's *Quick Takes*, and *Explore in Depth* publications
 - Expert Voices Pathways News blog: Ben, Chemistry, Engineering, Middle School Portal, MatDL, and ComPADRE. CSERD next up...

Collaboration...

- Metadata Working Group – model for developing best practices throughout our processes and procedures
- NDR tools and services: wikis and blogs
- Integration with NDR – Digital Learning Sciences use case

Outreach and partnership building...

- Rousing success: Pathways workshops
 - Conference-based workshops: user training, editorial support → AMSER, Engineering
 - Collaborative opportunities with other NSF initiatives / integrating research with education → MatDL
 - Teacher/faculty professional development: BEN Scholars, CSERD, MathDL
 - Curriculum development: ComPADRE Physics Modeling Workshop using modeling wiki
 - Public television reps partnered with local educators: Teachers' Domain

Honors...

- Chemistry Comes Alive! – Pirelli *International* award for Science Communication of Chemistry
- Shodor/CSERD's *Interactivate* honored as Webby award recipient
- Dr. Robert M. Panoff Student Award for Explorations in Science through Computation – High Performance Computing Conference, Education Program

Challenges.....

- Sustainability.....
 - exploring points of leverage - CI and Pathways
 - maintaining and sustaining editors, reviewers, contributors
- Evaluation...
 - summative, formative
 - of resources, of projects, of educational impact
 - sharing information and practices
 - support for decision-making

Challenges.....

- Outreach and dissemination support
 - Collaborate for capacity-building
 - Workshops: keep going!
 - Take advantage of the NSDL network, brokering of partnerships ability → “OPWs”
 - “Other People’s Workshops” (from CSERD)