## Annual Meeting 2004 Posters

### How to use this list
- To see the details for a poster, click on the poster title.
- To see the details for a participant, click on the contact name.
- To view associated documents, click on the links in the far right column.
- To sort the list, click on the arrow next to the column title.

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<th>Poster Title</th>
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<tr>
<td>NEEDS.ORG/SMETE.ORG: Engineering Education Digital Library and STE&amp;M Digital Library Services</td>
<td>Alice M. Agogino</td>
<td>NEEDS has been a pioneer in the development of educational digital libraries since the early 1990s,...</td>
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<td>BEN Collaborative</td>
<td>Linda Akli</td>
<td>The goal of the BEN Collaborative is to transform teaching and learning in the biological sciences.</td>
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<td>An Introduction to the Science Knowledge and Education Network Framework: The Birds of North America Demonstration Case</td>
<td>Paul Allen</td>
<td>The Science Knowledge and Education Network (SKEN) is an open-source framework for supporting dynami...</td>
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<td>DLESE and Ridge 2000 - Linking Research with Education</td>
<td>Robert Arko</td>
<td>The Ridge 2000 Education &amp; Outreach Plan (Goehring, 2002) calls for a multifaceted effort to increase...</td>
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<td>The DLESE Community Review System - A Virtual</td>
<td>Robert Arko</td>
<td>The Digital Library for Earth System Education (DLESE) Community Review System (CRS) provides a Web-...</td>
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<td>Federal Education Digital Resources Library (FEDRL): A K-12 Mathematics and Science Collection</td>
<td>Carolee Barber</td>
<td>FEDRL, an Eisenhower National Clearinghouse (ENC) project, identifies and catalogs high-quality digit...</td>
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<td>MatDL: Making Connections between MSE Education and Research</td>
<td>Laura Bartolo</td>
<td>A primary goal of the Materials Digital Library (MatDL) is to bring materials science research and e...</td>
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<td>PER-CENTRAL</td>
<td>Robert Beichner</td>
<td>The Physics Education Research Community Enhancing Network for Teaching, Research, and Learning will...</td>
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<td>Electronic Encyclopedia of Earthquakes</td>
<td>Mark Benthien</td>
<td>This digital library of educational resources and information is connected with the Digital Earth...</td>
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<td>AUTOMATED GRANULARITY AND COMPREHENSIVE INTEGRATION FOR KNOWLEDGE DISCOVERY: A CASE STUDY WITH POLICYDOCUMENTS</td>
<td>Paul Berkman</td>
<td>NSDL Annual Meeting 2004 &quot;AUTOMATED GRANULARITY AND COMPREHENSIVE INTEGRATION FOR KNOWLEDGE DISCOVERY&quot;...</td>
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<tr>
<td>Digital Library Integration Infrastructure</td>
<td>Michael Bieber</td>
<td>The Digital Library Integration Infrastructure (DLII) provides a systematic lightweight approach for...</td>
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<td>IntegraL: Integrating Traditional and Digital Libraries</td>
<td>Michael Bieber</td>
<td>The IntegraL (Integrating Libraries) project will bring the potentially huge user population of traditional...</td>
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<td>Mapping Medline Papers, Genes, and Proteins Related to Melanoma Research</td>
<td>Katy Borner</td>
<td>What is the structure of the research reported on melanoma? How has it evolved over the last 40 years...</td>
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<td>AMSER: The Applied Math and Science Education Repository</td>
<td>Rachael Bower</td>
<td>The Internet Scout Project along with its project partners are being funded by the National Science...</td>
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<td>CWIS: Turnkey software for seamlessly integrating your collection into NSDL</td>
<td>Rachael Bower</td>
<td>CWIS (pronounced see-wis) is software to assemble, organize, and share collections of data about research...</td>
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Innovation Curriculum Online Network  Quentin Briggs

SIMPLE Science: A New Tool for Learning, Teaching, and Collaboration  Wynne Brown

The Shibboleth Advantage: Content Management and Privacy Working Together  James Burger

NSDL Policy Committee  Howard Burrows

WGBH Teachers Domain  Karen Cariani

Gender, Diversities and Technology Institute  Bethany Carlson

Data Discovery for the NSDL  Bruce Caron

MicrobeLibrary (ML) Moves to Subscriptions: A 6-Months Report  Amy Chang

Services for a Customizable Authority Linking Environment (SCALE)  Robert Chavez

Digital Library Evaluation in DLIST  Anita Coleman

NSDL Persistent Archive  Charles Cowart

Implementing Peer Review on BioMoleculesAlive  Paul Craig

The UC Berkeley Digital Chemistry Library: Streamlining the creation and cataloging of learning objects  Alex Cuthbert

Collaborative Project: Superimposed Tools for Active Arrangement and Elaboration  Lois Delcambre

CephSchool: Design, Implementation and Assessment  David del Pino

Computer-Assisted Content Standard Assignment & Allignment  Anne Diekema

Phenomena and Representations for the Instruction of Science in Middle Schools (PRISMS)  Francis Eberle

Using the ASDLib For Cross Continent Teaching  Alanah Fitch

CITIDEL (Computing and Information Technology Interactive Digital Educational Library)  Edward Fox
Exploring Multi-Faceted Search in Specialized Collections

Sean Fox

The Science Education Resource Center is developing websites to support faculty in improving geoscience...

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The Digital Water Education Library

Edward Geary

The Digital Water Education Library (DWEL) is an NSF-NSDL funded project formerly called Water in t...

Demonstrating the Value of NSDL in the Classroom

Sarah Giersch

Over the next two years, the Core Integration team, in conjunction with ENC and other NSDL projects, ...

2003-04 NSF/NSDL Workshops

Sarah Giersch

Over the past year, several workshops, supported by NSF, have addressed pivotal issues that impact t...

The Achievement Standards Network: Correlating Learning Resources to Academic Standards

Diny Golder-Dardis

The National Science Digital Library: Achievement Standards Network (NSDL-ASN) is designed to help N...

A Digital Rich Media Library of Animal Behavior

Mary Guthrie

The Macaulay Library, a division of the Cornell Laboratory of Ornithology, is the world’s largest op...

OCKHAM Library Network

Martin Halbert

The OCKHAM Library Network is a project now in development by digital library researchers and libra...

Multimedia interactive virtual laboratories in GROW

Yan Han

GROW uses Flash and Authorware to create multimedia interactive virtual labs for creating a new lear...

The ERESE Project: Modeling and Enactment of Inquiry-Based Plate Tectonic Lessons

Maggie Helly

The ERESE Project: Modeling and Enactment of Inquiry-Based Plate Tectonic Lessons Margaret Helly, ...

Web Lecture Archiving System for Professional Society Meetings

Jeremy Herr

Our team, made up of members of the High Energy Physics department at the University of Michigan and...

NSDL Standing Committee: From Community Services to User Services

Ellen Hoffman

As the NSDL community has matured, the Standing Committees are also evolving. This poster will provi...

Infusing NSDL in Middle Schools: Research on Teachers

Ellen Hoffman

In a targeted research project, EMU, TERC, and Merit are conducting a study of the use of digital li...

Journal of Chemical Education Digital Library

Jon Holmes

The Journal of Chemical Education Digital Library (JCE DLib) is a collection of NSDL. A publication ...

Exploratorium Online: Exhibit-Based Science Learning and Teaching Digital Library

Sherry Hsi

The Exploratorium, a hands-on museum of science, art, and perception, produces a vast array of digit...

Reciprocal Net--A Distributed Molecular Database

John Huffman

The Reciprocal Net is a collaboration of research laboratories from throughout the world engaged in ...

General Recommendation Engine (GRE) for NSDL

Il Im

This project proposes a general recommendation engine (GRE) that any NSDL system can integrate. GRE...

Using Data in the Classroom

Ellen Iverson

Manduca, Mogk, Fox, Kirk, Iverson This is from NSF award #0127298 Faculty and teachers understand ...

Starting Point: Harnessing pedagogy with geoscience teaching resources

Ellen Iverson

Manduca, Merritts, Savina, Iverson Award #0226243 The Starting Point site (http://serc.carleton.ed...

Educational Impact and Evaluation Standing Committee

Casey Jones

The EIESC is working to develop community-based processes for implementing shared evaluation goals a...
www.eSkeletons.org SUPERSized: expanding the extent and the reach of a web site for the study of human and primate comparative anatomy.

Digital Libraries for All: Accessibility for NSDL Sites

John Kappelman

Anatomy is a discipline taught across many educational levels. However, the vast majority of s...

Andrew Kirkpatrick

Tools, resources, solutions, inspiration make your NSDL site accessible to people with disabilit...

Martha Kyrillidou

This poster is an update of the 2004 implementation of LibQUAL+(tm). A total of 102 libraries parti...

Core Integration Architecture - Metadata and More

Carl Lagoze

Over the past several years Core Integration has successfully built an architecture that automatica...

The Analytical Sciences Digital Library

Cynthia Larive

The Analytical Sciences Digital Library (ASDL) has over 200 peer-reviewed websites in its library co...

The Earth Exploration Toolbook

Tamara Ledley

The Earth Exploration Toolbook (EET) provides step-by-step instructions for using Earth science data...

Federation of Earth Science Information Partners

Tamara Ledley

The Federation of Earth Science Information Partners (Federation) formed seven years ago and now wit...

An Intelligent, Integrated Digital Laboratory For Groundwater Education and Research

Shu-Guang Li

Project Summary The growing emphasis on student-centered active learning has yielded a veritable r...

NSDL Content Standing Committee

Kimberly Lightle

The mission of the Content Standing Committee (CSC) is to develop and recommend policies for the cre...

Viewing the Future: Digital Video and Teachers

Marcia Mardis

This NSDL collections project, a partnership between Merit Network and the University of Washington,...

The Rosetta Project: ALL Language Archive

James Mason

The Rosetta Project is a global collaboration of language specialists and native speakers working to...

ComPADRE: Tools and Communities

Bruce Mason

ComPADRE (Communities for Physics and Astronomy Digital Resources in Education) is a network of educ...

Designing Effective On-Line Educational Resources In The Geosciences

John McDaris

One of the primary goals of the NSDL is promoting the reuse of learning objects. A critical part of...

Creating Interactive Educational Activity Templates for Digital Libraries

Lois McLean

This new NSDL project will address a gap in current R&D by exploring ways to enhance the educational...

SIOExplorer: NSDL as a Catalyst for other Projects

Stephen Miller

The SIOExplorer Digital Library was launched as an NSDL Collections Track project three years ago pr...

Math-aware Searching

Robert Miner

Traditional text search engines do a poor job searching for mathematical notation and expressions. A...

Introducing Learn NSDL Magazine

Carol Minton Morris

Our vision is for Learn NSDL magazine is for it to be a living science magazine for educators with d...

Innovations in Mathematics Graphic Libraries and Metadata

William Mischo

The University of Illinois at Urbana-Champaign and Wolfram Research Inc have greatly enhanced the se...

iVia: An open source Internet subject portal or virtual library system

Steve Mitchell

iVia (http://infomine.ucr.edu/iVia/) is an open source Internet subject portal or virtual library sy...
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<tr>
<td>The Mathematical Sciences Digital Library</td>
<td>Lawrence Moore</td>
<td>The Mathematical Sciences Digital Library is a project of the Mathematical Association of America. 1...</td>
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<td>Sustainability Standing Committee</td>
<td>John Moore</td>
<td>The sustainability standing committee (SSC) is exploring sustainability through several elements: in...</td>
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<td>Extensible Networked Association-based Bioinformatics Learning...</td>
<td>Javed Mostafa</td>
<td>ENABLE is a multidisciplinary project funded by the NSF’s National Science Digital Libraries progra...</td>
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<td>Just-in-Time Teaching Digital Library</td>
<td>Gregor Novak</td>
<td>We are building JitTDL, a semantic web - based virtual community of JITT practitioners designed to ...</td>
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<td>Shodor: A national resource for computational science education</td>
<td>Robert Panoff</td>
<td>Since 1994, Shodor has developed a unique approach to improving math and science education by combin...</td>
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<td>CAUSEweb, a digital library for statistics instructors</td>
<td>Dennis Pearl</td>
<td>This poster will highlight CAUSEweb.org, a new digital library for statistics instructors operated b...</td>
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<td>The Instructional Architect</td>
<td>mimi recker</td>
<td>The Instructional Architect (IA) is an NSDL end-user authoring tool that enables users (particularly ...</td>
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<td>DLConnect: a Workshop Model for Teacher Use of Online Learning...</td>
<td>mimi recker</td>
<td>This poster describes the development, enactments, and evaluation of a professional development work...</td>
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<td>TeachEngineering; Resources for K-12</td>
<td>Reindert Reitsma</td>
<td>The future of engineering lies in the creative initiatives and innovations of our youth. A closer lo...</td>
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<td>Guidelines for Reusable Learning</td>
<td>Robby Robson</td>
<td>Guidelines for resuable design of learning resources and guidelines for collections wishing to supp...</td>
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<td>Microbial Life Educational Resources (MLER)</td>
<td>Sarah Roland</td>
<td>Microbial Life Educational Resources (MLER) is a new digital library of resources dedicated to the d...</td>
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<td>Kinematics of Design Digital Library (KMODDL)</td>
<td>John Saylor</td>
<td>A demonstration and description of the Kinematics of Design Digital Library (KMODDL). KMODDL is an o...</td>
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<td>Resource Recommendation System</td>
<td>John Saylor</td>
<td>The NSDL Core Integration team has built a resource recommendation system for distributed recommend...</td>
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<td>The Tree of Life Web Project: First Generation Tools for...</td>
<td>Katja Schulz</td>
<td>The Tree of Life Web Project (ToL, tolweb.org) is a collaborative effort of biologists from around t...</td>
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<td>Using the Alsos Digital Library as a Bibliographical Resource</td>
<td>Frank Settle</td>
<td>This poster will show how the bibliographic resources of the Alsos Digital Library for Nuclear Issue...</td>
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<td>The Alsos Digital Library for Nuclear Issues</td>
<td>Frank Settle</td>
<td>The implementation, web dissemination, and evaluation of this focused collection will be presented. ...</td>
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<td>VKB: Visual Knowledge Builder</td>
<td>Frank Shipman</td>
<td>The Visual Knowledge Builder (VKB) is spatial hypertext designed to support the gradual expression o...</td>
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<td>NSDL PC Nominating Committee</td>
<td>Ted Sicker</td>
<td>This year, three are three openings on the NSDL Policy Committee (PC). This poster will introduce th...</td>
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<td>Using THREDDS in My World GIS</td>
<td>David Smith</td>
<td>My World GIS is a geographic information system (GIS) designed specifically for use in educational s...</td>
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<td>NSDL Middle School Pathway at ENC</td>
<td>Judith Spicer</td>
<td>The NSDL Middle School Pathway (MSP) at ENC provides a special portal into the NSDL site to help mid...</td>
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<td>The ERESE project: Bridging the gap between Digital Science Libraries and Education through Professional Development of Teachers and Database Development by Hubert Staudigel (<a href="mailto:hstaudigel@ucsd.edu">hstaudigel@ucsd.edu</a>), John Helly, Margaret Helly, Anthony Koppers, Chris Massel-Symons, and Steve Miller, Scripps Institution of Oceanography, La Jolla, CA 92093</td>
<td>Hubert Staudigel</td>
<td>The ERESE (Enduring Resources in Earth Science Education) project involves a close collaboration bet...</td>
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<td>eERL: Environmental Resources for Community College Educators but MUCH MORE!</td>
<td>Christine Walker</td>
<td>This poster will show the story of lessons learned as our NSF Center, ATEEC, and its collaborators h...</td>
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<td>Integrating Digital Libraries and Traditional Libraries: A Model for Sustaining Some NSDL Collections</td>
<td>Charles Ward</td>
<td>This project explores the integration of the iLumina digital library with UNCW's Randall Library. I...</td>
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<td>OAI help 5c</td>
<td>Simeon Warner</td>
<td>NSDL-wide services such as search (<a href="http://nsdl.org/search/">http://nsdl.org/search/</a>) and collection browsing (<a href="http://nsdl.org">http://nsdl.org</a>)...</td>
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<td>Automating Keyphrase Generation for Text Document Collections</td>
<td>Jia-Long Wu</td>
<td>Keyphrases have been used extensively in IR systems to facilitate information exchange, organize inf...</td>
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<td>Using digital libraries to build educational communities: The Chemistry Collective</td>
<td>David Yaron</td>
<td>The goal of this targeted research project (<a href="http://www.chemcollective.org">http://www.chemcollective.org</a>) is to create a collaborat...</td>
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<td>Metadata Quality Study for the NSDL Metadata Repository</td>
<td>Marcia Zeng</td>
<td>Metadata repositories are loosely-controlled environments where each discrete metadata dataset retai...</td>
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<td>Physics Teaching Web Advisory (Pathway)*</td>
<td>Dean Zollman</td>
<td>The Physics Teaching Web Advisory (Pathway) is a proof-of-concept demonstration of a new type of dig...</td>
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<td>A Self-Sustainable Digital Library for Evolving Communities</td>
<td>Mohammad Zubair</td>
<td>Despite the creation of many digital libraries, there exists considerable untapped content with indi...</td>
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