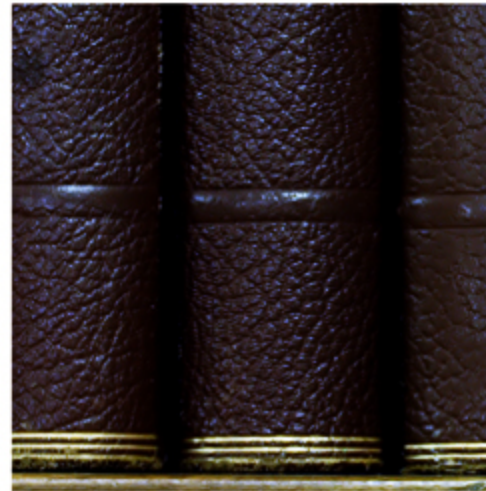


Digital Showcase in the Library

How Trace enhances UT's Virtual Library



The Virtual Library – a few definitions

- A set of electronic resources for creating, searching, and using information constructed by and for a community of users (Borgman 2007, 17-18)
- An information network overlay that facilitates the creation of collaborative and contextual knowledge environments (Lagoze et al. 2005)



The UT Virtual Library

- **Enhance the library's virtual presence** through efficient *searching* capabilities, *interactive* features, *archiving* services, tools for *discovery* and delivery of scholarly resources, and new technologies that advance and scale services.

(Virtual Library Steering Committee Charge, February 18, 2009)

- ...an evolving concept defined by and for UT's user communities: collaborative, discoverable, contextual, interactive



Trace: UT's Digital Showcase Vision



“Trace acquires, organizes, preserves, and provides access to the intellectual capital that makes Tennessee a leader in research and teaching. These services highlight UT's prominence in advancing knowledge globally.” (“About Us” <http://trace.tennessee.edu/about.html>)

- Born-digital preservation and archiving tool
- Advance UT's institutional profile
- Increase exposure to and dissemination of faculty research

Trace: UT's Digital Showcase



THE UNIVERSITY of TENNESSEE KNOXVILLE

Trace

Tennessee Research and Creative Exchange

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- Recent Additions

Paper of the Day

- Phospholipase A₂ expression during the estrous cycle and early pregnancy Gregory Joseph Ochs

Put Your Creative and Scholarly Work in Trace:

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- Posters
- Data sets
- Published books and articles

Trace is a University of Tennessee digital archive that showcases and preserves published and unpublished works by faculty, departments, programs, research centers, and institutes. Free online access via Trace makes UT research, scholarship and public service easily discoverable anywhere in the world.

2,865 papers to date 10,782 full-text downloads to date 10,782 downloads in the past year

Trace: UT's Digital Showcase Highlights

ETDs



Graduate programs bring together faculty and students with a common interest in creative work and advancing knowledge toward the master's and doctoral degrees. The university offers 54 doctoral degrees, three professional programs, and 2 and professional students are enrolled on an annual basis. The university employs a variety of modes, technologies, and resources designed to serve a diverse student clientele.

Browse the *Graduate School* Collections:

Doctoral Dissertations

Masters Theses



DOCTORAL DISSERTATIONS

Jump to:

2009

Dissertations from 2009

Service Delivery Consolidation, Governance and the Enhancement of Local Government Capacity: Creating a Service Consolidation Model, Charles Richard Abernathy

Experimental Studies of Exotic Negative Ions, Shaun Gerald Ard

Physical Adsorption of Ethylene on MgO(100): Effects of Substrate Ionicity and Symmetry on Wetting, Andi Barbour

Data Mining with Multivariate Kernel Regression Using Information Complexity and the Genetic Algorithm, Dennis Jack Beal

Giving Back Not Giving Up: Generativity Among Older Female Inmates, Regina White Benedict

Physician as Military Officer: Conflicts in Professional Duties, Kevin Michael Bond

Congestion and Price Prediction in Locational Marginal Pricing Markets Considering Load Variation and

Trace: UT's Digital Showcase Highlights

Campus Collections

UT Extension

UT Extension provides a gateway to the University of Tennessee. With an office in every county, UT Extension provides research-based information to citizens throughout the state. For families, youth, and communities, Extension helps improve issues at the local, state and national levels.

Browse the *UT Extension - Outreach Collections*:

Animals/Livestock

Biofuels

Biosecurity & Disaster Management

Commercial Horticulture



SCHOOL OF INFORMATION SCIENCES PUBLICATIONS AND OTHER WORKS

Submissions from 2010

An Organizational Context for Scientific Data Practices, Kimberly L. Douglass

Submissions from 2009

Electronic Journals and Changes in Scholarly Article Seeking and Reading Patterns, Carol Tenopir, Donald W. King, Sheri Edwards, and Lei Wu

Submissions from 2008

Design engineers and technical professionals at work: Observing information usage in the workplace, Suzie Allard, Kenneth Levine, and Carol Tenopir

Viewing and Reading Behaviour in a Virtual Environment: The Full-Text Download and What Can Be Read Into It, David Nicholas, Paul Huntington, Hamid R. Jamali, Ian Rowlands, Tom Dobrowolski, and Carol Tenopir

Submissions from 2007

Engineers and Scholarly Journals: Reading Patterns in the Electronic Era, Carol Tenopir and Donald W. King

Trace: UT's Digital Showcase Highlights

Journals



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Pursuit - The Journal of Undergraduate Research at the University of Tennessee

Submissions for the Fall 2010, Volume 2, Issue 1 will be accepted from April 1, 2010 through May 31, 2010. *Pursuit* accepts advanced, original, research-based submissions from undergraduate students in all academic colleges at the University of Tennessee. Graduates may submit their work within one year of their graduation date. If you have questions about your potential submission, please [contact the editors](#).

Current Issue: Volume 1, Issue 1 (2010) Spring 2010

Prefatory Notes

- [PDF](#) Acknowledgements
Todd Skelton
- [PDF](#) A Message from the Chancellor
Jimmy G. Cheek
- [PDF](#) A Message from the Founder
Payal Sharma

Departments

- [PDF](#) Interview with Wm. Brad O'Dell
Todd Skelton

Features

- [PDF](#) Always the Backbone, Rarely the Leader: Black Women Activists and the Reconceptualization of Respectability during the 1960 Nashville Sit-in Movement
Amanda Hughett



Trace: UT's Digital Showcase Highlights

Selected Works Profiles



Trena M. Paulus

Associate Professor

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Kenneth D. Phillips

Professor and Associate Dean for
Research and Evaluation

Selected Works of Trena M. Paulus

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THE UNIVERSITY of
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Linda L. Phillips

Professor & Head, Scholarly
Communication

[Visit Site](#)

I am an Associate Professor in the Educational Psychology and Counseling department at the University of Tennessee's flagship campus in Knoxville. My research interests include qualitative inquiry methodologies (particularly discourse analysis and narrative inquiry), transforming large undergraduate lecture courses, and online/blended collaborative learning environments.

online learning

Online but off-topic: Establishing common ground in small learning groups, *Instructional Science* (2009)

There is not yet a great deal of research in formal online learning environments focusing...

Approaches to case analyses in synchronous and asynchronous environments (with Gina Phipps), *Journal of Computer-Mediated Communication* (2008)

Computer-mediated communication (CMC) tools can be used to integrate time-intensive tasks, such as case study...

qualitative inquiry

Extending the conversation: Qualitative research as dialogic collaborative process (with Marianne Woodside and Mary Ziegler), *The Qualitative Report* (2008)
Collaborative research is often refers to collaboration among the researcher and the participants. Few studies...

undergraduate education



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Trena M. Paulus

University of Tennessee, Knoxville

■ Associate Professor

Links

[UT faculty page](#)

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Trena M. Paulus

Trace in the Virtual Library

The content is:

✓ Discoverable

✓

Collaborative

✓

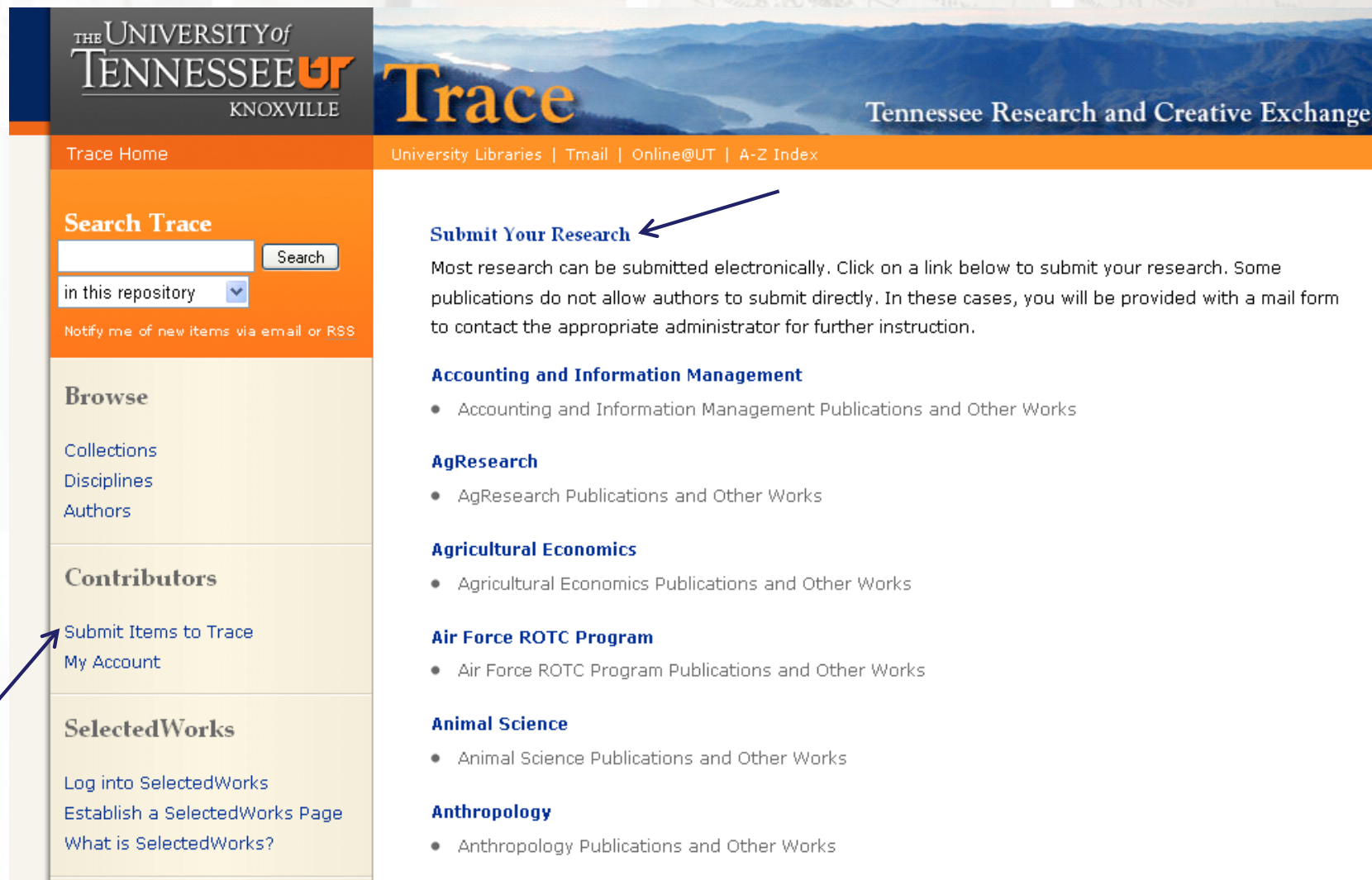
Contextual

✓

Networked

[illegible]

Trace in the Virtual Library Collaborative



The screenshot shows the Trace website interface. The header features the University of Tennessee Knoxville logo and the Trace logo. The navigation bar includes links for Trace Home, University Libraries, Tmail, Online@UT, and A-Z Index. The left sidebar contains sections for Search Trace, Browse, Contributors, and SelectedWorks. The main content area lists various research categories with links to submit research and view publications. Two blue arrows point to the 'Submit Your Research' link and the 'Submit Items to Trace' link in the Contributors section.

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Most research can be submitted electronically. Click on a link below to submit your research. Some publications do not allow authors to submit directly. In these cases, you will be provided with a mail form to contact the appropriate administrator for further instruction.

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AgResearch

- AgResearch Publications and Other Works

Agricultural Economics

- Agricultural Economics Publications and Other Works

Air Force ROTC Program

- Air Force ROTC Program Publications and Other Works

Animal Science

- Animal Science Publications and Other Works

Anthropology

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Trace in the Virtual Library

Contextual

Browse by Research Unit, Center, or Department

Content posted here has been selected and deposited by the individual campus group. For more information, see About Trace.

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 - Chancellor's Honors
 - Chancellor's Professors
 - Division of Student Affairs
 - Office of Communications and Marketing
 - Office of Research
- Office of the Provost

Centers & Institutes

- Baker Center for Public Policy
- Institute of Agriculture
 - AgResearch
 - UT Extension - Outreach
- Marco Institute for Medieval and Renaissance Studies
- Study of War and Society, Center for the

Colleges & Schools

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 - Agricultural Economics
 - Animal Science
 - Biosystems Engineering and Soil Science
 - Entomology & Plant Pathology
 - Family and Consumer Sciences
 - Food Science and Technology
 - Forestry, Wildlife, and Fisheries
 - Plant Sciences
- Architecture and Design
 - Architecture

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Botswana

- [University of Botswana](#) - <http://www.ub.bw/>
 1. [University of Botswana Research, Innovation and Scholarship Archive \(UBRISA\)](#)
<http://www.ubrisa.ub.bw/>

Cape Verde

- [Universidade Jean Piaget de Cabo Verde](#) - <http://www.unipiaget.cv/>
 1. [Biblioteca Digital da Universidade Jean Piaget de Cabo Verde](#)
<http://bdigital.cv.unipiaget.org/dspace/>

Egypt

- [Bibliotheca Alexandrina](#) (مكتبة الإسكندرية) - <http://www.bibalex.org/>
 1. [Digital Assets Repository \(DAR\)](#)
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- [British University in Egypt](#) - <http://www.bue.edu.eg/>
 1. [The BUE e-print repository](#)
<http://e-prints.bue.edu.eg/>
- [Menofia University](#) - <http://www.menofia.edu.eg/>
 1. [IDR-MDLIS \(Institutional Digital Repository For Library and Information Department at Faculty of Arts, Menofia University\)](#)
<http://idr-mdlis.net/>

Ethiopia

- [Addis Ababa University](#) - <http://www.aau.edu.et/>
 1. [AAU-ETD \(Addis Ababa University Libraries Electronic Thesis and Dissertations Database\)](#)
<http://etd.aau.edu.et/dspace>

Trace in the Virtual Library Networked

Selected Works of Barbara I. Dewey

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Barbara I. Dewey has been Dean of Libraries, University of Tennessee, Knoxville, since August 2000. She also holds the title of Professor. From 1987 until 2000 she held several administrative positions at the University of Iowa Libraries including Interim University Librarian. Prior to her work at Iowa she held positions at Indiana University, Northwestern University, and Minnesota Valley Regional Library in Mankato, Minnesota. She is the author or editor of six books. The most recent, *Achieving Diversity*, was published in 2006. She has published articles and presented papers on research library topics including digital libraries, diversity, technology, user education, fundraising, organizational development and human resources. She holds the M.A. in library science, the B.A. in sociology/anthropology from the University of Minnesota, and the Graduate Public Management Certificate from Indiana University.

Dewey is on the Board of Directors of the Association for Research Libraries and is a past president of the Association of Southeastern Research Libraries. She is on the OCLC Global Council and the IFLA Standing Committee on Education and Training.

Articles

- The Imperative for Diversity: ARL's Progress and Role, *portal: Libraries and the Academy* (2009)**
- Recruiting for Diversity: Strategies for 21st Century Research Librarianship (with Jillian Keally), *Library Hi Tech* (2008)**
Academic libraries, especially research libraries, are recognizing the benefits and importance of recruiting librarians from...
- Staffing a Web-based information system (with Anita Lowry and Paul A. Soderdahl), *College & Research Libraries News* (1996)**

Presentations

- Decision Methods for Virtual Knowledge Collaboration, *IX Congress International***



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Barbara I. Dewey

University of Tennessee, Knoxville

■ **Dean of Libraries and Professor**

Contact Information

Curriculum Vitae [PDF]

Search the Selected Works of
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LIBRARY PUBLICATIONS AND OTHER WORKS

The University Libraries connects people to the world's scholarship through every available medium. Library publications include scholarly and creative work, educational materials, and information about the Libraries.

Submissions from 2010

Introduction to SelectedWorks: Training Slides, Linda Phillips

The University of Tennessee Libraries Newfound Press Scholarly Publishing Demonstration, Linda Phillips

Submissions from 2009

Decision Methods for Virtual Knowledge Collaboration, Barbara I. Dewey

The Imperative for Diversity: ARL's Progress and Role, Barbara I. Dewey

Through Any Means Available: Connecting People with Scholarship, Barbara I. Dewey

Metadata Plus: How Libraries Assure Discovery of Locally Created Content, Melanie Feltner-Reichert, Marie Garrett, and Linda L. Phillips

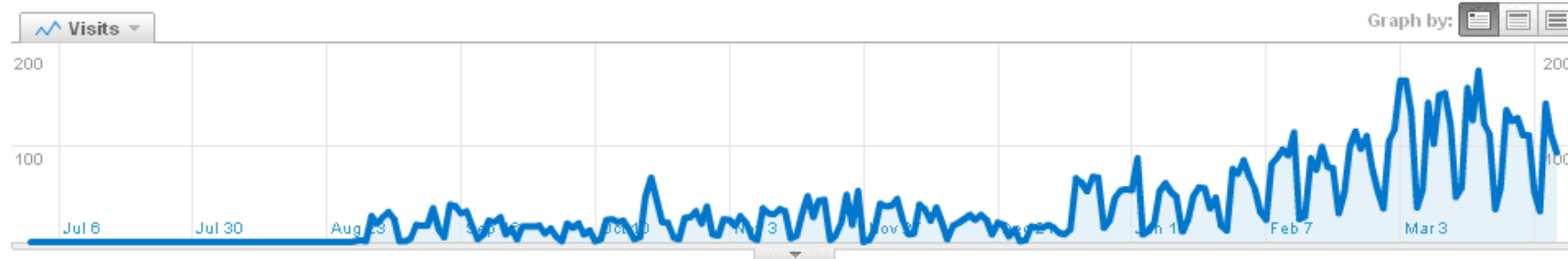
Trace in the Virtual Library

Statistics

Overview »

All Traffic Sources

Jul 1, 2009 - Mar 31, 2010



All traffic sources sent 9,112 visits via 137 sources and mediums

Show: Source Medium

Site Usage

Goal Set 1

Views:

Visits 9,112 % of Site Total: 100.00%		Pages/Visit 6.15 Site Avg: 6.15 (0.00%)	Avg. Time on Site 00:07:22 Site Avg: 00:07:22 (0.00%)	% New Visits 53.57% Site Avg: 53.53% (0.06%)	Bounce Rate 45.98% Site Avg: 45.98% (0.00%)	
Source/Medium None		Visits ↓	Pages/Visit	Avg. Time on Site	% New Visits	Bounce Rate
1.	google / organic	2,814	3.44	00:03:30	73.92%	62.22%
2.	(direct) / (none)	2,733	8.33	00:10:12	48.52%	39.15%
3.	lib.utk.edu / referral	1,116	9.96	00:13:11	24.28%	23.12%

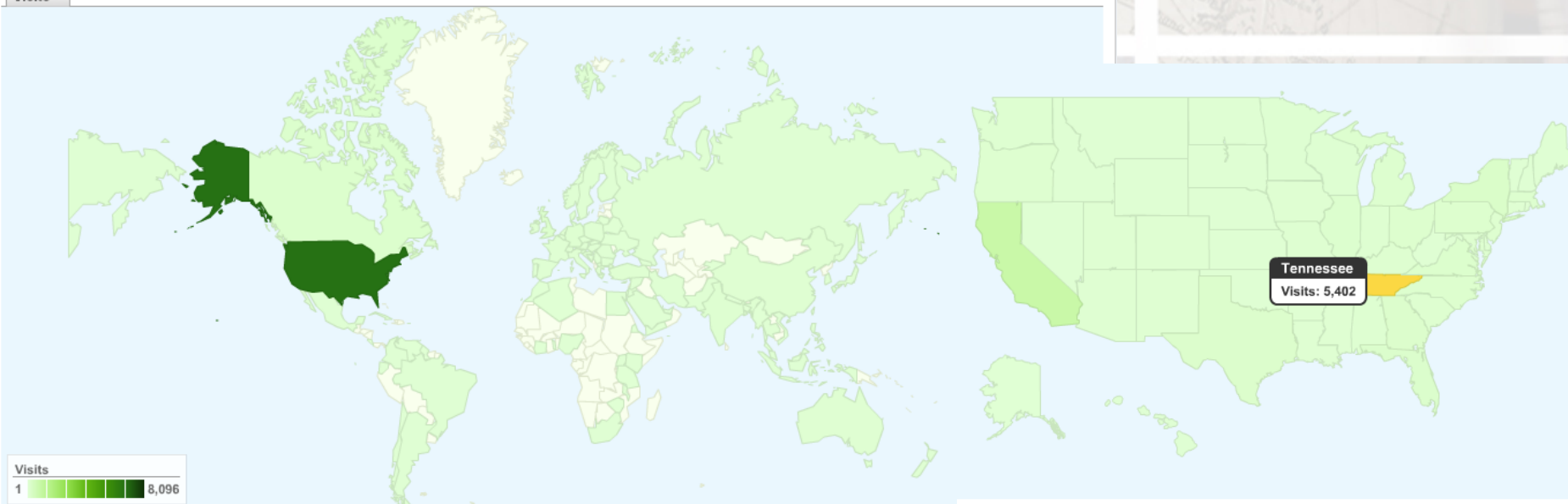
Trace in the Virtual Library

Statistics

Map Overlay

Jul 1, 2009 - Mar 31, 2010

Visits



9,112 visits came from 95 countries/territories

Detail Level: [City](#) | [Country/Territory](#) | [Sub Continent Region](#) | [Continent](#) Dimension: [None](#)

ory sent 8,096 visits via 52 regions

Site Usage

Goal Set 1

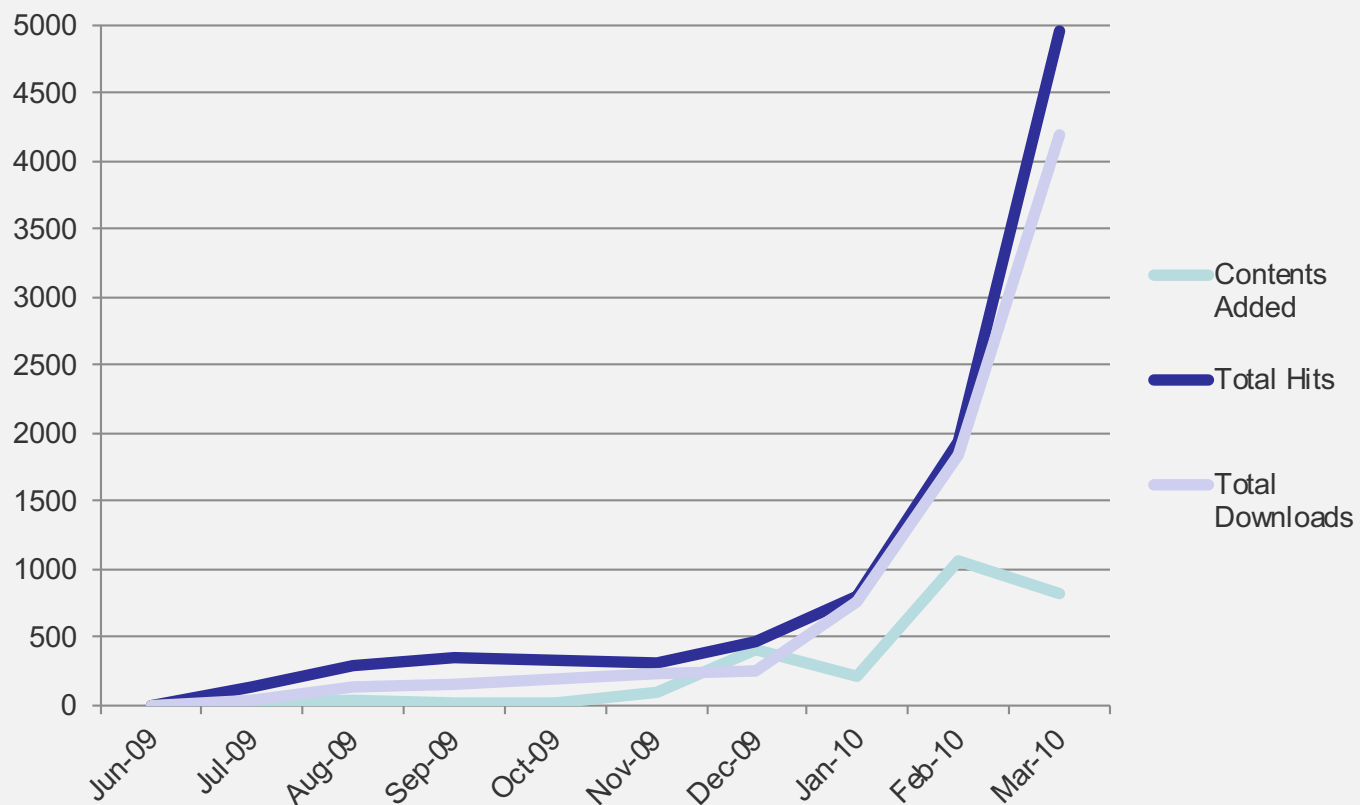
Views:

Visits ? 9,112 % of Site Total: 100.00%		Pages/Visit ? 6.15 Site Avg: 6.15 (0.00%)		Avg. Time on Site ? 00:07:22 Site Avg: 00:07:22 (0.00%)		% New Visits ? 53.57% Site Avg: 53.53% (0.06%)		Bounce Rate ? 45.98% Site Avg: 45.98% (0.00%)					
Detail Level: Country/Territory ⌵				Visits ⬇		Pages/Visit		Avg. Time on Site		% New Visits		Bounce Rate	
1. United States				8,096		6.67		00:08:07		49.01%		42.22%	
2. Canada				161		2.24		00:01:31		89.44%		78.26%	

Trace in the Virtual Library

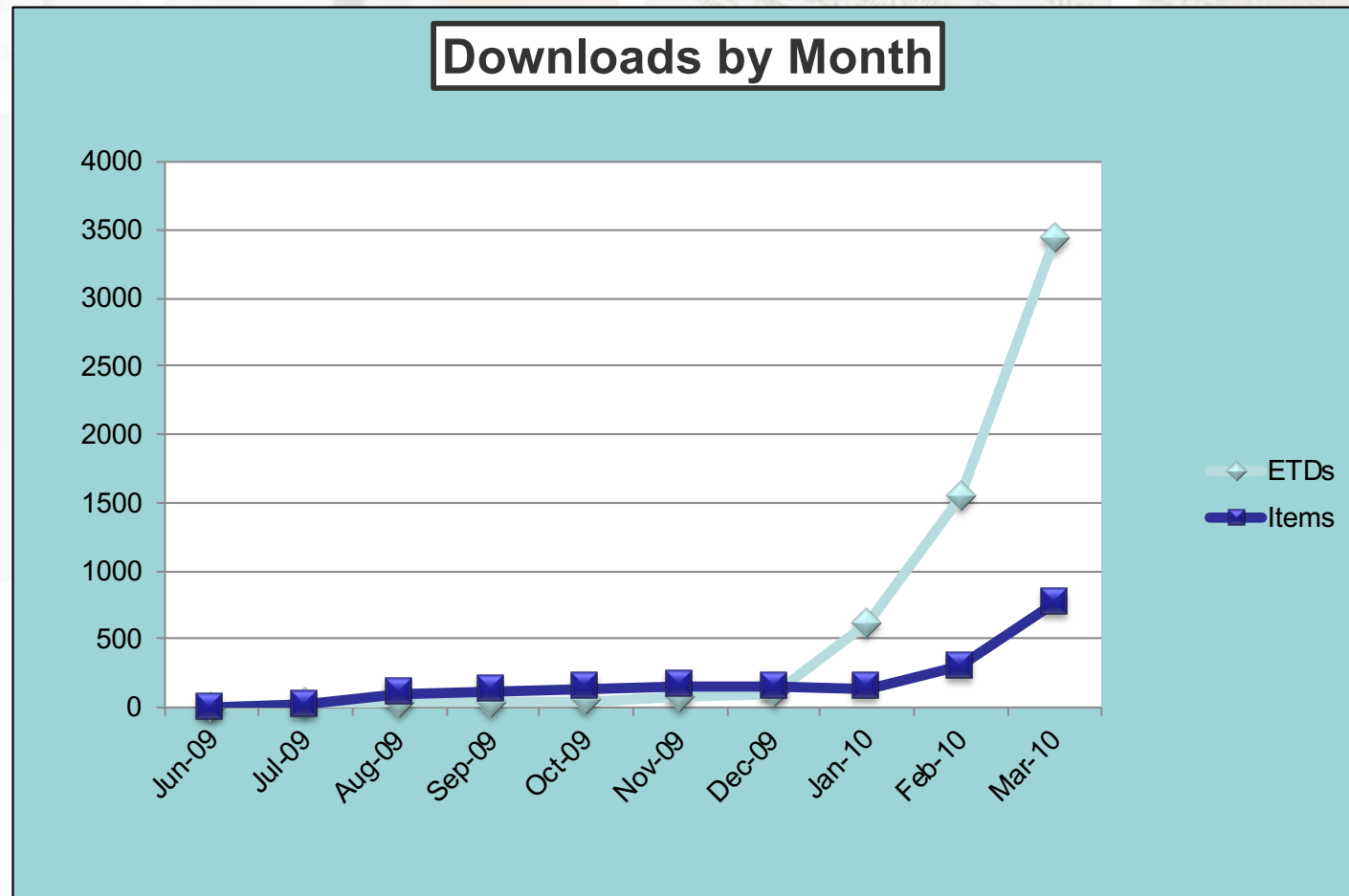
Statistics

Downloads, Hits, and Contents Ingested



Trace in the Virtual Library

Statistics



Trace in the Virtual Library

The future of Trace...oh, the possibilities!

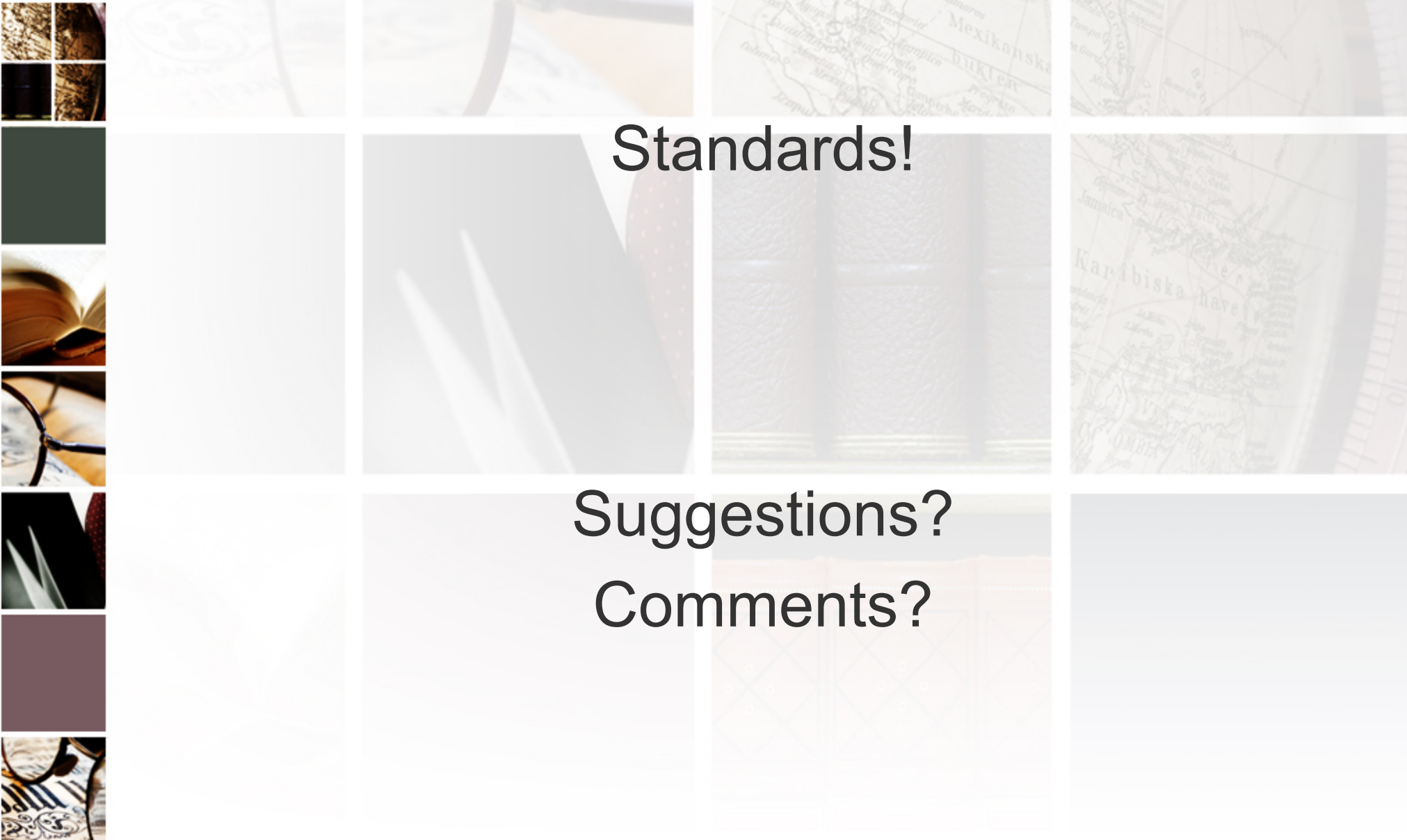
For contributors:

- ✓ Born-digital journal and conference publishing and preservation
- ✓ Content management capabilities
- ✓ Social networking enhancements

For users:

- ✓ Long-term open access to digital information
- ✓ Multiple points of entry

Future Virtual Library Development



Standards!

Suggestions?
Comments?

Works Cited



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<http://dlib.org/dlib/november05/lagoze/11lagoze.html> (accessed February 26, 2010).

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