

Curriculum Vitae
TODD ALLEN CHAVEZ

Director, Academic Resources
University of South Florida Library System
(813)974-7905

4202 E. Fowler Avenue, LIB122
Tampa, Florida 33620
E-mail: tchavez@lib.usf.edu

RESEARCH EMPHASIS

My research employs quantitative and qualitative methodologies to develop an understanding of the tools and processes underlying the creation, organization, discovery, communication, and preservation of scholarship in the sciences. The results of my research have been applied 1) to the design of courses, 2) to the implementation of an open-access publishing agenda, and 3) to a series of digital library collections. At present, these research applications focus on the geosciences and their contribution to a broader interdisciplinary understanding of global environmental sustainability.

EDUCATION

- Master of Arts in Library and Information Sciences, University of South Florida, May 1998.
- Bachelor of Arts, Anthropology, University of South Florida, 1984.

CONTINUING PROFESSIONAL EDUCATION

- Institute for Academic Leadership, Florida State University, 2005.
- ACRL/Harvard Leadership Institute for Academic Librarians, 2005.
- CITI Course in the Protection of Human Research Subjects, 2005, 2006.
- Measuring Library Service Quality (ARL Online Lyceum), 2002.
- Introduction to ArcInfo Using ArcMap, ArcCatalog, and ArcToolbox, 2000.

PROFESSIONAL EXPERIENCE

- 2002- **Director, Academic Resources**
University of South Florida Library System, Tampa, Florida
Reporting to the Dean of the USF Library System, this position is responsible for the Technical Services (Acquisitions, Cataloging, and Technology) and Research Services and Collections units. My administrative portfolio includes collection development including research collection initiatives, strategic planning and assessment, grants oversight, collection analysis/assessment, materials budget management, statistical compilation and analysis, open-access publishing, shared governance advancement, and leadership in library fundraising. In 2010 I was charged with responsibility for scholarly communications initiatives, the USF Geoportal & Data Repository, and data management planning. Personnel reports include 12 faculty, 15 staff, and graduate assistants.
- 2002 **Assistant Director, Research, Planning, & Assessment**
University of South Florida Library System, Tampa, Florida
Reporting directly to the Dean of the USF Library System, this position facilitated and promoted research, planning and assessment activities throughout the Tampa Library. Duties included service and program assessment, coordination of the Library's SACS accreditation activities, assistance with IRB compliance, feasibility assessment (GIS Data Center, numeric and image center initiatives), and liaising with institutional research and planning agencies. Coordinated the library's *Sacred Leaves* initiative (medieval manuscripts collection and exhibitions).

- 2000-02 **Assistant Director, Library Human Resources**
University of South Florida Tampa Campus Library, Tampa, Florida
 Reporting directly to the Dean of the University Library System, this position was responsible for administering the Libraries' human resources program, including selection and recruitment, progressive discipline, performance evaluation, employee counseling, organizational development, compensation analysis and program administration, faculty promotion and professional development, and compliance with university, state, and federal guidelines.
- 1998-00 **Instructor Librarian, Access Services**
GIS Planning Coordinator (.50 FTE)
Coordinator of Off-Campus Library Services (.25 FTE)
University of South Florida Tampa Campus Library, Tampa, Florida
 Reporting to the Head of Access Services, this position managed the daily operations of all Access Services units: Circulation, Reserve, Stacks Maintenance, Security, and Interlibrary Services. Developed and implemented library-based GIS services and collections. Coordinated and implemented the Tampa Campus Library's services to USF distance learners.
- 1994-98 **Senior Library Technical Assistant, Access Services/ILL**
SLIS Fieldworker, Florida Distance Learning Reference & Referral Center
University of South Florida Tampa Campus Library, Tampa, Florida
 Reporting to the Head of Access Services and the Director of the Florida Distance Learning Reference & Referral Center, this position supervised circulation and interlibrary loan services and assisted in establishing the Reference and Referral Center, including facilities, services, policies and procedures, and staffing requirements.

PUBLICATIONS

- Chavez, Todd A. "Numeracy: Open-Access Publishing to Reduce the Cost of Scholarly Journals." *Numeracy* 3.1 (2010): Article 8. DOI [10.5038/1936-4660.3.1.8](https://doi.org/10.5038/1936-4660.3.1.8)
- Chavez, Todd A. "Why We Do It – The University of South Florida Tampa Library's Commitment to Open-Access Publishing." *Studia Universitatis Babeş-Bolyai, Geologia* 54.1 (2009): 5-6. DOI: [10.5038/1937-8602.54.1.1](https://doi.org/10.5038/1937-8602.54.1.1)
- Vacher, H. L., and T. A. Chavez. "Quantitative Literacy on the Web of Science, 2 – Mining the Health Numeracy Literature for Assessment Items." *Numeracy* 2.1 (2009): Article 5. DOI: [10.5038/1936-4660.2.1.5](https://doi.org/10.5038/1936-4660.2.1.5)
- Vacher, H. L., and T. A. Chavez. "Quantitative Literacy on the Web of Science, 1: The Bibliography and Its Role in the History of This Journal." *Numeracy* 1.2 (2008): Article 2. DOI: [10.5038/1936-4660.1.2.2](https://doi.org/10.5038/1936-4660.1.2.2)
- Fleury, E. Spencer, George Veni, Todd Chavez, Penelope J. Boston, Diana E. Northup, H. Len Vacher, and Pat Seiser. "Superior Karst Management Through Superior Data Management: The Karst Information Portal." Ed. William R. Elliott. *Proceedings of the 18th National Cave & Karst Management Symposium, St. Louis, Missouri, 8-12 October, 2007*. [Huntsville, AL]: National Cave and Karst Management Symposium. Pp. 290-294.
- Chavez, Todd, Anna Perrault, Courtney Crummit, and Pete Reehling. "The Impact of Grey Literature in Advancing Global Karst Research." *Publishing Research Quarterly* 23.1 (2007): 3-18. DOI: [10.1007/s12109-007-9007-1](https://doi.org/10.1007/s12109-007-9007-1)

Florea, Lee, Beth Fratesi, and Todd Chavez. "The Reflection of Karst in the Online Mirror: A Survey within Scientific Databases, 1960-2005." *Journal of Cave & Karst Studies* 69.1 (2007): 229-236. [ISI Impact Factor = 1.0 (2007), 0.576 (2006), 0.357 (2005)]

BOOK CHAPTERS OR SEGMENTS OF A BOOK

Chavez, Todd A. "Grey Literature in Karst Research: The Evolution of the Karst Information Portal (KIP)." *Grey Literature in Library and Information Studies*. Eds. D. J. Farace and J. Schöpfel. Berlin: K. G. Saur Verlag, 2010.

Chavez, Todd. "Staffing the Transition to the Virtual Academic Library: Competencies, Characteristics, and Change." *Building a Virtual Library*. Ed. Ardis Hanson. Hershey, PA: Idea Group Publishing, 2002. 180-193.

Chavez, Todd, Anna Perrault, Stephanie Race, and Rhonda Smith. "The Florida Distance Learning Reference and Referral Center: A Study of User Satisfaction and Some Provider Reflections." *Internet Librarian '98: Proceedings 1998, Monterey, CA, 1-5 November 1998*. Comp. Carol Nixon, M. Heide Dengler, and Mare L. McHenry. Medford, NJ: Information Today, 1998. 67-76.

PAPERS & PRESENTATIONS

Chavez, Todd A. "The Evolution of the Karst Information Portal Initiative." *Coalition for Networked Information 2009 Fall Membership Meeting*, Washington, D. C., 14-15 December 2009.

Caggiano, Beverly, Bogdan P. Onac, and Todd Chavez. "Cave Mineral Database: A Joint Collaboration between Geologists, Librarians, and Programmers." *Frontiers in Cave Mineralogy Studies Symposium*. Karst Horizons: 15th International Congress of Speleology, Kerrville, Texas, 19-26 July, 2009.

Chavez, Todd, Anna Perrault, Pete Reehling, and Courtney Crummit. "The Impact of Grey Literature in Advancing Global Karst Research – A Follow-up." GL9: 9th International Conference on Grey Literature, Antwerp, Belgium, 10-11 December 2007.

Veni, George, Diana Northup, Penelope Boston, Todd Chavez, Robert Brinkmann, H. L. Vacher, Alexander Klimchouk, Linn Marks Collins, and Johann van Reenen. "Enhancing Communication and Knowledge Discovery Among Karst Scientists: The Role of the Karst Information Portal (KIP)." 2007 Geological Society of America Annual Meeting, Denver, CO, 28-31 October 2007.

Chavez, Todd, Robert Brinkmann, George Veni, and Penelope Boston. "Introducing the Karst Information Portal." 2007 International Conference on Karst Hydrogeology and Ecosystems, Bowling Green, KY, 13-15 August 2007.

Chavez, Todd, and Patricia E. Seiser. "Human Dimensions Research and the Karst Information Portal." 2007 National Speleological Society Convention, Marengo, IN. 23-27 July 2007.

Brinkmann, Robert, Todd Chavez, Alexander Klimchouk, Diana E. Northup, H. Len Vacher, Penelope J. Boston, George Veni, and Spencer Fleury. "The Karst Information Portal (KIP): Developing a Network of Geographic and Geologic Karst Information." 2007 National Speleological Society Convention, Marengo, IN. 23-27 July 2007.

Northup, Diana E., Todd Chavez, Robert Brinkmann, H. Len Vacher, Linn Collins, Johann van Reenen, Penelope J. Boston, and George Veni. "Enhancing Communication and Knowledge Discovery among Karst Biospeleologists: The Role of the Karst Information Portal (KIP)." 2007 National Speleological Society Convention, Marengo, IN. 23-27 July 2007.

- Veni, George, Todd Chavez, Penelope J. Boston, Diana E. Northup, and H. Len Vacher. "The Karst Information Portal: A Virtual Tool to Facilitate Research and Collaboration in Paleontological Speleology." 2007 National Speleological Society Convention, Marengo, IN. 23-27 July 2007.
- Fratesi, Sarah E., Lee Florea. Todd Chavez, and H. Leonard Vacher. "A Snapshot of the Body of Karst Literature." Geological Society of America Annual Meeting, Philadelphia, PA. 22-25 October 2006.
- Chavez, Todd, Anna Perrault, Courtney Crummit, and Pete Reehling. "The Impact of Grey Literature in Advancing Global Karst Research." GL8: 8th International Conference on Grey Literature, New Orleans, LA. 5-6 December 2006. [Received GreyNet Award 2007 for "Best Presentation"]
- Brinkmann, Robert, Todd Chavez, Louise Hose, and Diana E. Northup. "The Global Karst Digital Portal: An Emerging Collaboratorium." European Geosciences Union General Assembly. Vienna, Austria. 2-7 April 2006.
- Chavez, Todd. "The Context for the Florida Medievalist Portal: Student Internet Use and Implications for Medievalists." Florida Medievalist Spring Meeting. USF Tampa Library, Tampa. 25 March 2006.
- Chavez, Todd. "From Para to Pro: Making the Transition to Professional Status." Footprints from the Past Make Pathways to the Future. 10th Annual Library Workshop. St. Petersburg College, St. Petersburg. 13 May 2005.
- Chavez, Todd. "University of South Florida GIS Research and Data Center Initiative." USGS Bimonthly Seminar. USGS Center for Coastal Geology, St. Petersburg. 30 March 2000.
- Chavez, Todd. "The Virtual Library: Implications for Staff and Work Processes." Sarasota County Public Library Staff Development Day. Selby Library, Sarasota. 11 October 1999.
- Chavez, Todd. "Interlibrary Loan in the Virtual Age." Reflect on the Past ... Envision the Future. Fourth Annual TBLC Library Workshop. St. Petersburg Junior College, St. Petersburg. 21 May 1999.
- Chavez, Todd. "User Satisfaction Among Distance Learners: A Case Study." *Assessment and Evaluation: How Use Data Provides Directions*. Florida Library Association Conference. Tampa Convention Center, Tampa. 28 April 1998.
- Race, Stephanie, Todd Chavez, and Diane Willman. "Florida Distance Learning Reference and Referral Center." *17th Annual ALA Poster Sessions*. American Library Association Annual Conference, Washington, DC, 1998.
- Reader, Steven, and Todd Chavez. "The USF Library GIS Research and Data Center Initiative." GIS/IT: Innovations on the Suncoast. Florida Chapter of Urban & Regional Information Systems. University of South Florida, Tampa. 23 February 2000.

REVIEWS

- Chavez, Todd A. Review of *Florida's People through the Ice Age*, Barbara A. Purdy. *Tampa Bay History* 23 (2009): 72-73.
- Chavez, Todd. Review of *Medieval Mastery: Book Illumination from Charlemagne to Charles the Bold, 800-1475*, eds. Lee Preedy and William Noel. *Choice* 41.1 (2003): 133.

GRANT PROPOSALS

- “Center for Integrated Modeling & Analysis of the Gulf Ecosystem (C-IMAGE)” (\$22,003,853), Gulf of Mexico Research Initiative RFP#GRI2011-I-072, Co-PI (w/Drs. Dixon, Weisberg, Hollander, Murawski, et al), 2011 [Submitted, under review].
- “Greenhouse Gas Reporting Systems: Outreach to Reporting Facilities and Analysis of Greenhouse Gas Mitigation Opportunities” (\$594,048), Environmental Protection Agency RFP# EPA-OAR-CCD-10-05, Co-PI (w/Drs. Robert Brinkmann, and Abdul Pinjari and Sr. Personnel Sandra Kling), 2010 [Not funded].
- “The Great Karst Trail” (\$908,458), NSF 1056642 Research on Learning in Formal and Informal Settings, 1056642, Co-PI (w/Dr. Robert Brinkmann), 2010 [Submitted, under review].
- “Frontiers in Cave and Karst System Processes: Subsurface-Surface Interactions and Coupling” (\$802,000), NSF 08-580 Science & Technology Centers: Integrative Partnerships, 0902602, Co-PI (w/Drs. Robert Brinkmann, Sarah Kruse, Bogdan Onac, Philip Reeder, H. Len Vacher, Philip van Beynen, and Jonathan Wynn), 2008 [Not funded].
- “Carbon and Nitrogen Isotopes of Mammalian Collagen as a Tool for Tracking Paleoenvironmental Change in the Late Pleistocene and Holocene of Southeastern Europe” (\$49,478), Interdisciplinary Research Development Grant (Spring 2008), Co-PI (w/Drs. Jonathan Wynn, Bogdan P. Onac, Robert H. Tykot, Alexandru Petculescu), 2008 [Not funded].
- “CAFTA – Dominican Republic Portal Project” (\$154,789), Development of a Regional System and Strategy for the Management and Public Access of Environmental Information in Participating Central American Free Trade Agreement-Dominican Republic Countries (US Environmental Protection Agency), Co-PI (w/Dr. Mark Amen), 2007 [Not funded].
- “The Great Karst Trail: Enthusing and Educating the Public about Karst Water, Ecosystems, Sustainability, and Conservation” (\$1,264,165), NSF Informal Science Education, Co-PI (w/Dr. Robert Brinkmann), 2007 [Not funded].
- “Inventory Project on the State of Water in Monteverde, Costa Rica” (\$63,410), The Tinker Foundation, Co-PI, 2007 [Submitted, not funded].
- “Development of a Karst Information Portal (KIP) to Advance Research and Education in Global Karst Science” (\$352,678), NSF EAR/IF Development of Cyberinfrastructure for the Earth Sciences, Co-PI, 2006 [Not funded].

THESES/DISSERTATIONS EVALUATED

Buck, Robert. “Potential Use of RFID Technology in Support of the USF Tampa Library.” Thesis, University of South Florida, 2007.

Wade, Hillary Stelle. “Problems with the Classification of Multi-Lingual Authors in the USA and Germany Using AACR2 and RAK-WB.” Honors Thesis, University of South Florida, 2007.

TEACHING EXPERIENCE

- Instructor, Geologic Information, USF Department of Geology, 2008.
- Adjunct Instructor, Collection Development & Maintenance, 2005.
- Adjunct Instructor, Basic Information Sources & Services, 1998, 1999.
- Adjunct Instructor, Web Page Design and Management, 1999.

SELECT LIST OF SYNERGISTIC ACTIVITIES

USF Geoportal & Data Repository (GDR), 2010-

The USF Tampa Library’s Geoportal & Data Repository (GDR) is a repository for multiple data formats and associated metadata. End-users can discover and preview data that is stored within and/or described by the system. Searches use controlled vocabulary to ensure effective retrieval of results that are

displayed as brief and detailed records including linked access to the data. Map services allow the end user to preview spatial data. End users are linked via the web to non-spatial data such as document files, spreadsheets, or media formats. The GDR is available to all USF affiliates and is managed to comply with NSF, NIH and other data management plan requirements. A website linking to existing planning resources, repositories, and sample plans is currently online. I assist PI's with plan preparations and oversee the application of standards-compliant metadata appropriate for the community of practice.
URL: <http://gisdata.rc.usf.edu/>

Scholar Commons, 2010-

Scholar Commons is a digital showcase for USF's research and creative energies. Members of the USF academic community are encouraged to contribute completed scholarship for long-term preservation and worldwide electronic accessibility through the Commons.

URL: <http://scholarcommons.usf.edu/>

Gulf Oil Spill Information Center (GOSIC), 2010-

The 2010 Deepwater Horizon oil spill is the most serious the United States has experienced and it illustrates the threat to ecosystems and economies worldwide. In service to the scientists at the 21 institutions that make up the Florida Institute of Oceanography, the University of South Florida Tampa Library is constructing an online geospatial data repository and information center concerning to help scientists, policy makers, and businesses better respond to this and future crises.

URL: <http://guides.lib.usf.edu/gulf-oil-spill>

Karst Information Portal Project, 2006-

The KIP is a digital library linking scientists, managers, and explorers with quality information resources concerning karst environments. Because the karst research community and its knowledge base are globally distributed and highly interdisciplinary -- information integration and linkages promoting collaboration and connectivity among researchers is essential. The project pulls together an international community of scientists, information specialists, and speleologists seeking to create open access to integrated information systems to advance karst, cave, and aquifer research.

URL: <http://www.karstportal.org/>

Cave Minerals of the World, 2008-

The Cave Mineral Database (CAMIDA) is a collaborative project of the USF Libraries, UIS's Cave Minerals Commission, the Karst Information Portal, "Emil Racoviță Institute of Speleology (Romania), and the Karst Research Group at University of South Florida. CAMIDA is an open-access collection of geological, mineralogical, crystallographical, and protection/conservation information on all minerals discovered in caves around the world.

URL: <https://www.lib.usf.edu/caveminerals/ca/>

Status of Water in Monteverde, Costa Rica: A Resource Inventory

I collaborated with researchers at the Monteverde Research Institute in Costa Rica and the USF Patel Center for Global Solutions to facilitate digital access to "white" and grey information on the state of water in the region to support improved decision making concerning local water issues. Phase 1 of the project focused on grey literature surrounding a water concession conflict occurring during the period 2000-2005. Later phases of the project include building a complete inventory of the available research, improving access (intellectual and physical), and assessing authority and reliability of the resulting collection.

URL: <http://www.lib.usf.edu/mvi/index.html>

Open Access Journal Initiative

I coordinate the USF Libraries' open-access journal hosting/publishing initiative. Current projects are decidedly interdisciplinary and cover topics of pressing global interest including educational policy, geoscience, and quantitative literacy. Successfully implemented, this project simultaneously advances internal, institutional, state, and national strategic directions.

Sacred Leaves Initiative

Working with the Director for Library Development and a generous donor/scholar, I prepared a comprehensive business plan detailing strategies to accept a \$4.5 million estate gift comprising an extensive collection of illuminated medieval manuscripts and early printed works. I subsequently coordinated two exhibitions highlighting the collection and published catalogues showcasing original research completed in collaboration with students and faculty from the USF School of Art and Art History. My work laid the foundation for six subsequent exhibitions that develop and foster primary research around the unique materials available in this collection.

Ethiopian National Research Databank Project

In collaboration with graduate student Hashim Ahmed, I assisted the Addis Ababa University Library in developing a prototype web-based information portal. The immediate objective was to facilitate collection and recording of, and access to important research materials on Ethiopia. Under my supervision, USF Library System staff journeyed to Ethiopia to implement a web-based library catalog linking researchers and academicians with critical information resources and to train AAU Library personnel to manage and replicate the project.

UNIVERSITY GOVERNANCE

- Dr. Kiran C. Patel Center for Global Solutions Advisory Board, 2009-12
- President's Advisory Committee (Provost & VP search process), 2009
- Provost's Chairs Steering Committee, 2009
- Graduate Council, 2009-
- USF World Initiative Task Force, 2008
- USF Africa Initiatives Group, 2008-
- Budget Priorities Task Force (Provost's select committee), 2007
- Strategic Planning Steering Committee, 2006-08
- SACS Review Team for Library & Learning Resources, Co-chair, 2004-05
- Assistant Vice President for Institutional Research & Planning Search Committee, 2005
- Director for Technology & Technical Services Search Committee, Chair, 2003-04
- Librarian Search Committee, Florida Mental Health Institute, 2000
- Special Collections Department Head Search Committee, 2000
- GIS Research and Data Center Task Force, Co-Chair, 1999-2000
- Judicial Officer, Student Judicial Services, 1999-2002
- Restructuring University Libraries Project Facilitator, Summer 1999
- Promotion Guidelines Revision Task Force, 1999
- Library Task Force (Provost's select committee), 1998
- Library Council (Faculty Senate), Scribe, 1996-98

PROFESSIONAL SERVICE

- National Cave & Karst Research Institute, Board Member, 2009-11
- Karst Information Portal Project Team, 2005-07
- Karst Portal Work Group, Globalization Research Center, 2005
- Florida MedievalList, 2005-07
- SUL Digital Projects Planning Committee, Chair, 2006, Member 2005
- Tampa Library Web Site Design Subcommittee, Web Advisory Committee, 2003
- Library Research and Assessment Committee, Chair, 2002-03
- Beta Phi Mu, Vice President, 2000; President, 2000-02
- TBLC Planning Committee, 1999-2000
- Virtual Library Document Delivery Team, Chair, 1999-2000
- Virtual Library Electronic Reserve Team, 1999-2000
- TBLC Interlibrary Loan Special Interest Group, 1999-
- Committee on Position Selection (TCL), 1999

- Virtual Library Outcomes Assessment Group (USF Libraries), 1999
- Continuous Process Improvement Team (TCL), Team Leader, 1996-98
- Library Diversity Committee (TCL), Chair, 1994-95
- Reference Librarian Search Committee (TCL), 1997
- Director of Library Development Search Committee (TCL), 1994
- Library Events Committee (TCL), 1994-97

PROFESSIONAL AFFILIATIONS

- American Library Association, Member, 1998-
- Association of College and Research Libraries, Member, 1998-
Member University Libraries Section
- American Anthropological Association, Professional Member, 2007-
- National Speleological Society, Member, 2007-
- Library Administration & Management Association, Member, 2000-05
- Special Libraries Association, Member, 1996-98
- Special Libraries Association Student Chapter, Treasurer, 1997-98