F. Tracy Farmer

Dean B. Ellis Library | P.O. Box 2040 | State University, AR 72467 | 870.680.4312 | tfarmer@astate.edu

Education

2005 | Master of Library and Information Science | Florida State University, Tallahassee, FL
1995 | Master of Science (Computer Science) | Arkansas State University, Jonesboro, AR
1993 | Bachelor of Science (Computer Science) | Arkansas State University, Jonesboro, AR

Professional Experience

Systems Librarian   *January 2002 – Ongoing*
Dean B. Ellis Library, Arkansas State University
Jeff Bailey, Director – 870.972.2724
- Unit lead for Library Technology Unit since 2005

Technical Coordinator   *October 1997 – December 2001*
Compressed Video Network Center, Arkansas State University
Michael Bowman, PhD, Director – 870.972.3070

Assistant Technical Coordinator   *February 1997 – September 1997*
Compressed Video Network Center, Arkansas State University
Michael Bowman, PhD, Director – 870.972.3070

Owner   *January 1996 – Ongoing*
Southern Gentleman Computing, Trumann, AR

Graduate Assistant   *January 1994 – December 1995*
Department of Computer Science and Mathematics, Arkansas State University

Novell Netware System Administrator   *July 1993 – January 1994*
Center for Economic Development, Arkansas State University

Teaching Experience

Developmental, Intermediate, and College Algebra   *January 1994 – December 1995*
Department of Computer Science and Mathematics, Arkansas State University

Certifications

Certificate in Library Leadership and Management	2020
(ISC)^2 Certified Cloud Security Professional	February 2017
(ISC)^2 Certified Information Systems Security Professional	May 2015
Voyager Certification 500: Roll your own upgrade	April 19, 2006
Voyager Certification 300: Service your way	April 13, 2004
Voyager Certification 100: UNIX for Librarians	April 23, 2003

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Service to Professional Organizations

Voyager Product Working Group, ExLibris Users of North American (ELUNA)	May 2020 – Ongoing
	October 2011 – May 2016
Treasurer, ExLibris South-Central Users Group (ELSUG)	October 2013 – Ongoing
ELUNA Steering Committee, ExLibris Users of North American (ELUNA)	April 2013 – May 2016
NERS Product Development Team, ExLibris Users of North American (ELUNA)	March 2013 – May 2016
Treasurer, ARKLink Library Consortium	October 2010 – December 2020
ELUNA 2016 Planning Committee General/Strategic Track Coordinator, ExLibris Users of North American (ELUNA)	December 2015 – May 2016
ELUNA 2015 Planning Committee General/Strategic Track Coordinator, ExLibris Users of North American (ELUNA)	December 2014 – May 2015
ELUNA Steering Committee Nominating Committee, ExLibris Users of North American (ELUNA)	January 2014 – March 2014
ELUNA 2014 Planning Committee General/Strategic Track Coordinator, ExLibris Users of North American (ELUNA)	December 2013 – May 2014
ELSUG 2013 Annual Conference Planning Committee, ExLibris South-Central Users Group (ELSUG)	2013
Resource and Technical Services Division, chair, Arkansas Library Association	2007

University Committees

Ad Hoc Interdisciplinary Teaching Committee	2022 – Ongoing
Access and Accommodations Committee	2021 – Ongoing
Education and Technology Committee	2020 – Ongoing
Print Management Team	2014 – Ongoing
	Team Lead, 2014 – Ongoing
Faculty Senate	2011 – 2013
	Secretary, 2011 – 2012
ASU Web Masters Interest Group	2002 – 2008
Computer and Technology Committee	2002 – 2018
	Vice-chair, 2017 – 2018
	Chair, 2002 – 2003
Content Management Assessment Group, Arkansas State University	2007 – 2008
University Taskforce on University Web Design	2007 – 2008
University Taskforce on University Web Design: Subcommittee for Resources	2007 – 2008
IT Strategic Planning Committee	2006 – 2007

IT Strategic Planning Facilities and Infrastructure Subcommittee	2006 – 2007
	Chair, 2006 – 2007
Windows 2000 Committee	2003 – 2006

Library Committees

Library Digitization Working Group	2023 – Ongoing
Integrate Online Library Resources and Services Across User Platforms Task Group	2020 – Ongoing
Online Services Working Group	2020
Prioritize and Highlight Archives & Special Collections Task Group	2020 – Ongoing
Video Production Team	2020 – Ongoing
	Chair, 2020 – Ongoing
Metadata Librarian Search Committee	2018 – 2019
Assistant Systems Librarian Search Committee	2014
	Chair, 2014
Archivist Search Committee	2013
Project Archivist Search Committee	2013
Archivist Search Committee	2011
Archivist Search Committee	2010
Assessment Committee	2010 – Ongoing
Library Management Council	2009 – Ongoing
Web Taskforce	2002 – 2008
Dean Search Committee	2002 – 2003

Conferences

(ISC)^2 Security Congress 2022. Online	October 10 – 13, 2022
ExLibris Users of North American (ELUNA) Annual Meeting Online	May 2022
InfraGard NDRC Virtual Summit. Online	November 3 – 4, 2021
(ISC)^2 Security Congress 2021. Online	October 18 – 20, 2021
Cyber Security Summit St Louis/Oklahoma City 2021. Online	July 7, 2021
CCSP Item Writing Workshop. Online	May 10 – 12, 2021
ExLibris Users of North American (ELUNA) Annual Meeting Online	May 2021
Association of College and Research Libraries Virtual Conference. Online	April 13 – 16, 2021
Inside (ISC)^2: Updates on Exams and Certifications. Online	March 23, 2021
(ISC)^2 Security Congress 2020. Online	November 16 – 18, 2020

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Amigos. Like the Ceiling Can't Hold Us: Sharing Innovations in Libraries! Online   September 23, 2020

ELUNA (ExLibris Users of North America) Annual Conference. Atlanta, GA   April 30 – May 3, 2019

ALA (American Library Association) Annual Conference. New Orleans, LA   June 21– 26, 2018

ELUNA (ExLibris Users of North America) Annual Conference. Oklahoma City, OK   May 2 – 7, 2016

ELUNA (ExLibris Users of North America) Primo Summit. St. Louis, MO   December 17 – 19, 2014

Arkansas Library Association Annual Conference. Hot Springs, AR   October 7, 2014

ExLibris South-Central Users Group (ELSUG) Meeting. Online   October 24, 2013

ELUNA (ExLibris Users of North America) Annual Conference. Athens, GA   April 30, 2013 – May 3, 2013

ELUNA (ExLibris Users of North America) Annual Conference. Salt Lake City, UT   May 9 – 11, 2012

ELSUG (ExLibris South-Central Users Group) Annual Conference. Russellville, AR   October 24 – 25, 2011

AMIGOS Spring Meeting. Online   May 18 – 19, 2011

ELUNA (ExLibris Users of North America) Annual Conference. Milwaukee, WI   May 9 – 13, 2011

ELUNA (ExLibris Users of North America) Annual Conference. Fort Worth, TX   May 10 – 14, 2010

AMIGOS Spring Meeting. Online   May 5 – 6, 2010

LITA (Library Information & Technology Association) National Forum. Atlanta, GA
September 30, 2010 – October 3, 2010

Educause. Orlando, FL   October 29 – 31, 2008

South Central Voyager Users Group Meeting. Stillwater, OK   October 17 – 19, 2007

Arkansas Library Association Annual Meeting. Hot Springs, AR   September 9 – 11, 2007

EndUsers (Endeavor Users Group) Annual Conference. Chicago, IL   April 25 – 28, 2007

LITA (Library Information & Technology Association) National Forum. Nashville, TN
October 27 – 29, 2006

LITA (Library Information & Technology Association) National Forum Preconference: Open Source
Software Installfest. Nashville, TN   October 26 – 27, 2006

Arkansas Library Association Annual Meeting. Fayetteville, AR   October 8 – 10, 2006

EndUsers (Endeavor Users Group) Annual Conference. Chicago, IL   April 20 – 22, 2006

EndUsers (Endeavor Users Group) Annual Conference Preconference. Chicago, IL   April 18 – 19, 2006

South Central Voyager Users Group. Russellville, AR   October 21, 2005

Arkansas Library Association Annual Meeting. Little Rock, AR   October 17 – 19, 2004

South Central Voyager Users Group. Nacogdoches, TX   September 30, 2004 – October 2, 2004

Voyager Users Group Meeting. Chicago, IL   April 15 – 17, 2004

Voyager Users Group Meeting Preconference Session. Chicago, IL   April 13 – 14, 2004

South Central Voyager Users Group. Fort Worth, TX   October 8 – 11, 2003

Voyager Users Group Meeting. Chicago, IL	April 23 – 27, 2003
Voyager Users Group Meeting Preconference Session. Chicago, IL	April 23, 2003
South Central Voyager Users Group. Galveston, TX	October 31, 2002 – November 2, 2002
Computers in Libraries 2002. Washington, D.C.	March 13 – 15, 2002

Honors

Established the first statewide (ISC)^2 chapter in the state of Arkansas	2022
Chosen one of the top 100 staff members for the first 100 years of Arkansas State University	2010

Presentations & Scholarly Works

Farmer, F. T. (2022, October). Cyber-security threats, actors, and dynamic mitigation. *Choice,* 60(2).

Farmer, F. T. (2022, March). Countering cyber sabotage: introducing consequence-driven, cyber-informed engineering (CCE*). Choice,* 59(7).

Farmer, F. T. (2021, October). Cybersecurity fundamentals: a real-world perspective. *Choice,* 59(2).

Farmer, F. T. (2021, May). Cyber warfare: a documentary and reference guide. *Choice,* 58(9).

Farmer, F. T. (2021, February). Crime dot com: from viruses to vote rigging, how hacking went global. *Choice,* 58(6).

Farmer, F. T. (2020, February). Behavioral cybersecurity: applications of personality psychology and computer science. *Choice,* 57(6).

Farmer, F. T. (2019, July). Cybersecurity: current writings on threats and protection. *Choice,* 56(11).

Farmer, F. T. (2019, March). Smart cities of today and tomorrow: better technology, infrastructure and security. *Choice,* 56(7).

Farmer, F. T. (2019). Library Cybersecurity: Should we be concerned? Paper presented to the ELUNA (ExLibris Users of North America) Annual Conference. Atlanta, GA.

Farmer, F. T. (2018). Library Cybersecurity: Should we be concerned? Paper presented to the ALA (American Library Association) Annual Conference. New Orleans, LA.

Farmer, F. T. (2018, July). Listening in: cybersecurity in an insecure age. *Choice,* 55(11).

Farmer, F. T. (2018, July). Inside the enemy's computer: identifying cyber attackers. *Choice,* 55(11).

Farmer, F. T. (2017, October). Cognitive hack: the new battleground in cybersecurity … the human mind. *Choice,* 55(2).

Farmer, F. T. (2017, July). Personal cybersecurity. *Choice,* 54(11).

Farmer, F. T. (2017, January). Cybersecurity Lexicon. *Choice*, 54(5).

Dry, E. and Farmer, F. T. (2016). Monthly reports: Automate those things! Paper presented to the ELUNA (ExLibris Users of North America) Annual Conference. Oklahoma City, OK.

Baker, C., Farmer, F. T., and Liebst, A. (2014). Discovery layers. Symposium conducted at the meeting of the Arkansas Library Association, Hot Springs, AR.

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Crist, W. and Farmer, F. T. (2013). Global data change demystified. Paper presented to the ELUNA Meeting (ExLibris Users of North America) Annual Conference. Athens, GA.

Farmer, F. T. (2013). ELUNA Update. Paper presented to the ExLibris South-Central Users Group (ELSUG). Online.

Farmer, F. T. (2012). Banner and bursar: A match made … somewhere. Paper presented to the ELUNA (ExLibris Users of North America) Annual Conference. Salt Lake City, UT.

Farmer, F. T. and Flugstad, M. (Fall, 2010). Technology news: Monitoring the heartbeat of the modern library. *Arkansas Libraries,* 67(3), 4 – 6.

Farmer, F. T. and Flugstad, M. (Spring, 2010). Technology news: Storage options for electronic media. *Arkansas Libraries*, 67(1), 20 – 21.

Crist, W. and Farmer, F. T. (2007). Enhancing WebVoyage using Google APIs: Making your spell-check dream a reality. Paper presented to the EndUsers (Endeavor Users Group) Meeting. Chicago, IL.

Crist, W. and Farmer, F. T. (2007). Fighting cyber pirates and winning: Securing EZProxy using PHP, the Voyager patron database and Active Directory. Paper presented to the EndUsers (Endeavor User Group) Meeting. Chicago, IL.

Farmer, F. T. (2007). Fighting cyber pirates and winning: Securing EZProxy using PHP, the Voyager patron database and Active Directory. Paper presented to the Arkansas Library Association Annual Meeting. Hot Springs, AR.

Farmer, F. T. (2007). *Fighting cyber pirates and winning: Securing EZProxy using PHP, the Voyager patron database and Active Directory.* Paper presented to the South Central Voyager Users Group Meeting. Stillwater, OK.

Farmer, F. T. (Spring, 2007). Making the most of technology: Library 2.Oh!. *Arkansas Libraries*, 64(1), 7 – 11.

Creibaum, L., Farmer, F. T., Flugstad, M., Hager, F., and Walker, M. (2006). *Blood out of turnips: Getting the most out of your acquisitions budget.* Paper presented to the Arkansas Library Association Annual Meeting. Fayetteville, AR.

Farmer, F. T., Flugstad, M., and Goodell, J. (2006). *Brave new world: Technical services in the age of Google.* Paper presented to the Arkansas Library Association Annual Meeting. Fayetteville, AR.

Farmer, F. T. (Fall, 2006). LAMP: Not just a light source anymore. *Arkansas Libraries*, 63(3), 12 – 15.

Farmer, F. T. (Spring, 2006). Improving HTML coding. *Arkansas Libraries*, 63(1), 6 – 9.

Farmer, F. T. (Fall, 2005). Making the most of technology: Evaluation measures for information retrieval systems. *Arkansas Libraries,* 62(3), 18 – 22.

Farmer, F. T. and Flugstad, M. (2005). *Looking Good: Enhancing usability in the ENCompass interface.* Paper presented to the South Central Voyager Users Group. Russellville, AR.

Farmer, F. T. (Spring, 2005). Making the most of technology: How inverted indexes work. *Arkansas Libraries*, 62(1), 14 – 17.

Farmer, F. T. (Fall, 2004). Making the most of technology: Linux as an alternative solution. *Arkansas Libraries,* 61(3), 14 – 15.

Farmer, F. T. (2004). *Managing electronic content: Making SerialSolutions work for you*. Paper presented to the Arkansas Library Association Annual Meeting. Little Rock, AR

Farmer, F. T. and Flugstad, M. (2004). *How we learned to stop worrying and love the ILL Module*. Paper presented to the South Central Voyager Users Group. Nacogdoches, TX.

Farmer, F. T. and Flugstad, M. (2004). *MarcEdit: The easy way to make universal online catalog changes*. Paper presented to the South Central Voyager Users Group. Nacogdoches, TX

Farmer, F. T. and Flugstad, M. (2004). *MarcEdit: The easy way to make universal online catalog changes*. Paper presented to the Arkansas Library Association Annual Meeting. Little Rock, AR

Bearden, C. and Farmer, F. T. (2003) *Database authentication: Two means to the same end.* Paper presented to the Arkansas Library Association Annual Meeting. Fort Smith, AR.

Farmer, F. T. (2003) *Database authentication: Two means to the same end*. Paper presented to the South Central Voyager Users Group. Fort Worth, TX.

Farmer, F. T. and Flugstad, M. (2003) *Managing electronic content: Our roller coaster ride to continuing electronic contents.* Paper presented to the South Central Voyager Users Group. Fort Worth, TX.

Farmer, F. T. and Flugstad, M. (2002) *Building a union catalog using Z39.50.* Paper presented to the South Central Voyager Users Group. Galveston, TX.

Professional Memberships

American Library Association (ALA)	(ISC)[2]. (ISC)[2] Member Number: 510284
Association of College and Research Libraries.	(ISC)[2] Arkansas Chapter. President, 2022 – present
Infragard. Member Number: 10117168	

Skills

Apache	Microsoft Windows 7, 10, 11, server	Python
DSPACE	MySQL/MariaDB server	Qualtrics
HTML, CSS, Drupal, WordPress	Oracle database server	Tomcat
ISC BIND DNS server	Papercut	Voyager
Java	Perl	VMWare EXSi 6
JavaScript	PHP	XML/XSLT
LibGuides, LibWizard	Pharos Uniprint	
Linux	Powershell	