

MATTHEW A BECKSTROM

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ABOUT

Matthew Beckstrom is a librarian, author, professor, manager, privacy and security specialist, educator, and researcher with interests in libraries, education, privacy, security, intellectual freedom, information science, cyber-security, technology, and management.

EDUCATION

University of North Texas

Masters in Information Science

Graduate academic certificate in Information Agency Management

Graduate academic certificate in digital content management **2012**

Montana State University Billings

Bachelor of Applied Science

Emphasis on information technology **2010**

TEACHING EXPERIENCE

Helena College – University of Montana

2012-present

Courses Taught

Introduction to Computer Programming

Introduction to Linux

Computer Networking

Network Security

Microsoft Office

Advanced Excel, Word

Introduction to Computer Modeling

Web Design

WORK EXPERIENCE

Lewis & Clark Library

Acting Director

2022 - present

Work with the Library management team, Library board of trustees, and Library Foundation. Develop and implement library budget, policies, and procedures.

Provide leadership to library management team and library departments.

Interface with staff and patrons in matters involving library policy. Work with community, state, and federal organizations to promote libraries, librarians, and library services. Act as the Library Director in the absence of the current Director.

Lewis & Clark Library

Systems Librarian/Manager

2012 - present

Member of the Library management team, developing policies, procedures, and decisions for the Library. Develop as a team the short and long-term strategic planning for the library and for the Systems department. Provide leadership for the Library staff and supervise the Systems department staff. Develop, implement, and evaluate library-wide policies and Systems policies regarding technology, privacy, and security. Manage wide-area and local-area networks including all attached workstations, networking equipment, and other devices, administer the technology security for the entire library system including threat management, training, and implementing preventative measures. Manage all other technology-related tasks and systems as necessary including VOIP telephone system, and library collections relating to technology. Manage and administer all library-related web-based applications and services including websites, social media accounts, and online databases. Provide structured training classes to staff and patrons. Participate in local, state, and national organizations including serving on boards, and committees. Advise libraries and librarians nationwide on technology, privacy, and security.

Lewis & Clark Library

Network Services Manager

1999 - 2012

Member of the Library management team, developing policies and procedures for the Library. Assisted in long-term and short-term strategic planning for the Library and the Network Services department. Developed, implemented, and evaluated library-wide policies and procedures in technology, privacy, and security. Managed and maintained all technology devices for entire library system including workstations, VOIP phone system, networking equipment, and other devices. Managed all Library online services including social media, website, and databases. Provided structured training and classes to Library staff and patrons. Participated in state-wide and national library associations, serving in various offices and committees.

Department of Justice – State of Montana

Information Systems Technician

1996-1999

Supported various divisions of the Montana Department of Justice including hardware and software support and training. Developed procedures to meet department requirements and needs in technology. Monitored and evaluated department security policies. Maintained the Department of Justice main website, and supervised a network technician.

PUBLICATIONS AND PAPERS

Lund, B.D., & Beckstrom, M.A. (2022). *A guide to Using the Anonymous Web in Libraries and Information Organizations: Enhancing Patron Privacy and Information Access (Co-Author)*, London, UK: Routledge.

Valenti, S.J., Lund, B.D., & Beckstrom, M.A. (2022). *Library patrons privacy: Questions and answers*. Santa Barbara, CA: ABC-Clio/Libraries Unlimited.

Brady Lund & Matt Beckstrom (2021). *The Integration of Tor into Library Services: An Appeal to the Core Mission and Values of Libraries*, Public Library Quarterly, 40:1, 60-76, DOI: 10.1080/01616846.2019.1696078

Beckstrom, M (2019). *Casting Light on the Dark Web: A Guide for Safe Exploration (Co-Author)* Rowan & Littlefield.

William Marden, Jason Griffey, Erin Berman, Sarah Houghton, Jessamyn West, Eric Hellman, T.J. Lamanna, & Matt Beckstrom (2019). *Choose Privacy Week 2018: Big Data is Watching You*. Journal of Intellectual Freedom & Privacy, 4:1, DOI: <https://doi.org/10.5860/jifp.v4i1.6885>.

Beckstrom, M (2017). *Protecting Patron Privacy: A LITA Guide (contributor)* Rowan & Littlefield.

Beckstrom, M (2016). *LITA Privacy Checklists*, Library and Information Technology Association.

Beckstrom, M. (2015). *Protecting Patron Privacy: Safe Practices for Public Computers*. Libraries Unlimited.

PRESENTATIONS

"Privacy Audits for Public Libraries" Niche Academy Online Presentation, February 2023

"Preparing for Ransomware" Montana Library Association Fall Retreat, October 2022

"Library Patrons' Privacy: How to Navigate Concerns with Emerging Technology" Niche Academy Online Presentation, April 2022

"Intellectual Freedom: Taking Action" Montana Academic Symposium, May 2022

"Casting Light on the Dark Web" American Library Association Annual Conference, June 2019

"Performing the Reference Interview" Lewis & Clark Library Presentation, March 2019

"Adopting Encryption Technologies" Library and Information Technology Association Webinar, April 2018

"Privacy Update" Montana Library Association Annual Conference, April 2018

"Providing Unique Collections" Montana Library Association Annual Conference, April 2018

"Internet Service Providers and Copyright Issues for Libraries" Online webinar, April 2017

"Implementing Internet Security" Montana Library Association Annual Conference, May 2017

"Montana Library Association Intellectual Freedom Committee Forum" Montana Library Association Annual Conference, April 2017

"Implementing Internet Security" Montana Library Association Fall Retreat, October 2016

"Protecting Patron Privacy" Montana Library Association Annual Conference, April 2016

"Implementing SSL" V-Users Annual Conference, April 2016

"3D Printing in the Library" Montana Library Association Fall Retreat, October, 2015

"Protecting Patron Privacy" Montana Library Association Fall Retreat, October 2015

"Protecting yourself on the Internet" Broadvalleys Federation Annual Retreat, February 2015

"Librarians as Censors? The Latest in Internet Filtering" Pacific Northwest Library Association Annual Conference, August 2014

"Protecting your Privacy Online" Pacific Northwest Library Association Annual Conference, August 2014

"Protecting your Privacy Online" Montana Library Association Annual Conference, April 2014

"Protecting your Privacy Online" Montana Library Association Offline Interest Group Conference, February 2014

"How to Protect your Privacy Online" Montana ACLU Presentation, November 2014

Facilitator, *"Strategic Planning"* Montana Library Association Fall Retreat, October 2014

"Internet Filtering in the Age of CIPA" MEA/MFT Annual Conference, October 2013

"Risk, Reward, and Reinvention: Keeping Libraries Relevant in the Age of Innovation" Montana Library Association Annual Conference, April 2013

"Librarians as Censors? Latest Developments in Internet Filtering" Montana Library Association Annual Conference, April 2013

"Using Drupal at your Library" Montana Library Association Fall Retreat, October 2012

"Installing and Configuring Drupal for Libraries" Montana Library Association Annual Conference, April 2012

"Technology Trends" Montana Library Association Offline Interest Group Conference, February 2012

"How to Stay Tech Savvy" Broadvalleys Federation Annual Retreat, March 2011

"How to Stay Tech Savvy" Montana Library Association Fall Retreat, October 2011

"Social Media in the Library" Montana Library Association Offline Interest Group Conference, February 2010

"Social Media Policy and Planning" Broadvalleys Federation Annual Retreat, March 2010

"Social Media Policy and Planning" Montana Library Association Fall Retreat, October 2010

"Creating a Successful Technology Training Program" Montana Library Association Annual Conference, April 2009

"What's New in Open Source" Montana Library Association Offline Interest Group Conference, February 2009

"Digital Cameras & Photography" Montana Library Association Fall Retreat, October 2009

"Using Tech Atlas" Montana Library Association Annual Conference, April 2009

"Installing and Configuring Microsoft SteadyState" Montana Library Association Annual Conference, April 2008

AWARDS

SWIM Montana Library School Scholarship
Montana State Library, 2011

MEMBERSHIPS

American Library Association
Public Library Association
Library & Information Technology Association
Montana Library Association
American Civil Liberties Union of Montana

PROFESSIONAL ACTIVITIES

Webmaster – Montana Library Association – 2022 - present
Board member – ACLU Montana 2016 - 2020
Board member – Montana Library Association – American Library Representative 2016 – 2025
Member – Montana Shared Catalog Executive Committee
Committee Chair – American Library Association Conference Committee
Committee Chair – Montana Library Association Intellectual Freedom Committee
Councilor for the American Library Association
Library and Information Technology Association Liaison to the ALA Intellectual Freedom Committee
Member-At-Large – Montana State Library Network Advisory Council
Past-President – V-Users Users Group

SKILLS

Teaching experience in post-secondary education including in-person and online classes. Experience includes course design, student support and counseling, facilitating discussion, and promoting engaging learning environments
Over 25 years' experience working with technology including Windows and Linux environments, computers, servers, and all associated equipment
Management skills including organizational structure, strategic planning, policy and procedure development and implementation
Strong communication skills including presentations, speeches, classes, and writing
Technology knowledge for a large variety of operating systems, hardware types, and systems including Microsoft, Linux, UNIX, local and wide area networking, security and firewall devices, routers, switches
Systems technology including network design and architecture
Advocacy skills promoting library services to local, state, and federal agencies
Security including Cybersecurity, technology, physical, and associated environments
Ethical hacking using various operating systems and applications
Intellectual freedom and privacy issues from policy development, researching, implementing solutions, testifying, lobbying, and training
Supervisory experience including hiring, training, advising, mentoring
Leadership and management skills including program development, budgeting, policy development, and strategic planning
Project management including development of timeliness and objectives, allocation of resources, organization of project processes, and evaluation
Organizational and accounting skills including budgeting, billing, and reporting
Statistical gathering, evaluation, and reporting
Grant writing, program development and evaluation
Library systems experience including integrated library systems and online resource applications
Web-based technologies including content management systems Drupal, Wordpress, and Joomla

Programming skills in various programming languages and scripting environments including C, C++, C#, Visual Basic, MySQL, PHP, SQL, JAVA, BASH
Over 20 years' experience working with youth in S.T.E.A.M. activities including robotics, programming, design, building, mentoring, and teaching
Experience researching and writing in technical and non-technical subjects
Researching skills