Stanford



Tom Cramer

Associate University Librarian, University Librarian's Office

Bio

BIO

As the Associate University Librarian and Director of Digital Library Systems and Services, I oversee the development and delivery of Stanford's digital library services that support teaching, learning and research. This includes a wide range of systems, like SearchWorks and the Stanford Digital Repository, and operations supporting digitization, discovery, delivery, preservation and management of digital resources.

These services are all based on a combination of software (mostly open source) and Stanford's digital library cyberinfrastructure (or what we like to call "lyberstructure"). I direct a fabulous team of system administrators, architects and software engineers to build and maintain a combination of robust data center systems that have scaled up to support Stanford's demands for digital asset management and preservation, and loosely coupled asset management services and middleware for content processing.

Digitization also serves as a cornestone of Stanford's digital library program, and within DLSS I oversee and support a team that operates one of the nation's leading digitization programs. Built to support Stanford's research mission, SUL's digitization program has an awesome combination of breadth and depth, quality and throughput. With nationally recognized expert staff, we have the capacity to digitize books, manuscripts, images, maps, archives, audio, video, film and legacy computer files.

As the Chief Technology Strategist for SUL, I often engage in the wider digital library arena. I am the founder of the International Image Interoperability Framework (IIIF), and serve as the Chair of the IIIF Consortium's Executive Committee. I am also a founder of the Samvera (aka the Hydra Project); a founding member of the Fedora Repository steering group and catalyst for its redevelopment; and the first adopter and an active contributor to Blacklight. These three successful open source projects, rooted in higher education, provide effective and competitive solutions for dealing with digital asset management and digital information access.

I have taught workshops on digital preservation and digital interoperability, and currently or previously direct or serve on the steering committees of PASIG (the Preservation and Archiving Special Interest Group), Open Repositories, the International Internet Preservation Coalition (IIPC). I'm the President of the Open Library Foundation, co-Chair for CLOCKSS, and prevsiously served on the Board of Directors (as Vice Chair) for DuraSpace.

Professional activities

* Founder and Chair of the Executive Committee, International Image Interoperability Framework (IIIF)
* President, Open Library Foundation

* Co-Chair, CLOCKSS Board of Directors

* Co-Founder, the Hydra Project / Samvera Community

* Founding Steering Group Member, Fedora Repository

* Former Vice Chair, DuraSpace Board of Directors

* Member, FOLIO Community Council

* Former Steering Group Member, International Internet Preservation Coalition

* Chair and Co-Director, Preservation and Archiving Special Interest Group (PASIG)

* Former Steering Group Member and Past Program Chair (twice), Open Repositories

* Member, VIVO Leadership Group

CURRENT ROLE AT STANFORD

Associate University Librarian &

Director, Digital Library Systems & Services

Chief Technology Strategist

Stanford University Libraries

Publications

PUBLICATIONS

- **A perpetual motion machine: The preserved digital scholarly record** *LEARNED PUBLISHING*
  Cramer, T., German, C., Jefferies, N., Wise, A.
  2022

- **The International Image Interoperability Framework (IIIF): A community & technology approach for web-based images**
  Snydman, S., Sanderson, R., Cramer, T., Soc Imaging Sci & Technol
  SOC IMAGING SCIENCE & TECHNOLOGY.2015: 16–21