Repositories in Science & Technology:
Preserving Access to the Record of Science
November 30, 2011

Biographical Summaries in Order of Appearance

Clifford Lynch
Coalition for Networked Information

Clifford Lynch has led the Coalition for Networked Information (CNI) since 1997. CNI, jointly sponsored by the Association of Research Libraries and EDUCAUSE, includes about 200 member organizations concerned with the intelligent uses of information technology and networked information to enhance scholarship and intellectual life. CNI's wide-ranging agenda includes work in digital preservation, data intensive scholarship, teaching, learning and technology, and infrastructure and standards development. Prior to joining CNI, Lynch spent 18 years at the University of California Office of the President, the last 10 as Director of Library Automation.

Lynch, who holds a Ph.D. in Computer Science from the University of California, Berkeley, is an adjunct professor at Berkeley's School of Information. He is both a past president and recipient of the Award of Merit of the American Society for Information, and a fellow of the American Association for the Advancement of Science and the National Information Standards Organization. Lynch currently serves on numerous advisory boards and visiting committees, including the National Digital Preservation Strategy Advisory Board of the Library of Congress and Microsoft Corporation's Technical Computing Science Advisory Board. His work has been recognized by the American Library Association's Lippincott Award, the EDUCAUSE Leadership Award in Public Policy and Practice, and the American Society for Engineering Education's Homer Bernhardt Award.

Jane Greenburg
Professor, School of Information and Library Science
University of North Carolina at Chapel Hill

Jane Greenberg is a professor at the School of Information and Library Science, University of North Carolina at Chapel Hill, and the director of the SILS Metadata Research Center. She is the principal investigator of the Helping Interdisciplinary Vocabulary Engineering (HIVE) project; a co-principal investigator on the Dryad project; and a member of the CODATA Data-at-Risk Working Group.

Professor Greenberg's research and teaching focus is in the areas of metadata, knowledge organization, and the semantic web. She has served on the Dublin Core Metadata Initiative's Advisory Board since 2005, and she was the 2010 recipient of the Jesse H. Shera award for Distinguished Published Research.

Dr. Ian Bruno
Program Manager, External Applications Group
Cambridge Crystallographic Data Centre

Dr. Bruno has a degree in Chemistry from the University of Durham and a PhD in informatics from the University of Sheffield. He joined the Cambridge Crystallographic Data Centre in 1993, initially in a user support role and subsequently became a scientific software developer. More recently, he has been manager of the CCDC's Database Group with responsibility for editorial processes and is now manager of the External Applications Group. For the past year, he has been leading an internal review of how the CCDC makes data available to the scientific community with a view to identifying alternative approaches that may widen accessibility whilst ensuring future sustainability.

Dr. H. K. "Rama" Ramapriyan
Assistant Project Manager, ESDIS Project
NASA Goddard Space Flight Center

Dr. Ramapriyan is the Assistant Project Manager of the Earth Science Data and Information System (ESDIS) Project at NASA Goddard Space Flight Center, where he has worked for over 32 years. His experience includes science data systems development, image processing, remote sensing, parallel processing, algorithm development, and science data processing.

The ESDIS Project develops and operates one of the largest civilian science data systems in the world - the Earth Observing System (EOS) Data and Information System (EOSDIS) in support of NASA's Science Mission Directorate (SMD). The ESDIS Project has been instrumental in establishing, as a part of EOSDIS, a set of Distributed Active Archive Centers (DAACs) around the US that manage NASA's Earth science data and provide convenient access to petabytes of data in various scientific disciplines such as land processes, oceanography, hydrology, atmospheric sciences, cryospheric studies, etc. Dr. Ramapriyan's responsibilities in the Project have ranged from supervising a group of technical professionals in the design and implementation of EOSDIS and managing the early establishment, development, and operation of the DAACs to providing a customer focus by interfacing with the scientific customer community to understand their requirements and assuring that the system development accommodates their requirements.

Dr. Ramapriyan represents NASA on the Human Computer Interaction and Information Management (HCI&IM) Coordinating Group of the Subcommittee on Networks and Information Technology Research and Development (NITRD). He is a member of the American Geophysical Union and a Senior Member of the IEEE. He chairs the Data Archive and Distribution Technical Committee of the IEEE Geoscience and Remote Sensing Society (IGARSS). He is an Affiliate Faculty member at the George Mason University's Department of Earth Systems and Geo-Information Sciences and a member of the Graduate Faculty.

Sean Thomas
Program Manager, Scholarly Repository Services
MIT Libraries, Massachusetts Institute of Technology

Sean Thomas is the Program Manager for Scholarly Repository Services at the Massachusetts Institute of Technology. Working within the MIT Libraries, Sean has product management responsibility for DSpace@MIT, the institutional repository of MIT focused on the long-term archiving and dissemination of the Institute's digital research and teaching output. While DSpace@MIT is the flagship service, the Scholarly Repository Program he leads focuses as well on other technology-based repository services that meet specified needs of MIT's research community and that showcase the depth and breadth of scholarship at MIT.

Sean has spent the last eight years of his career dedicated to product management of institutional repositories. Before coming to MIT in 2007, Sean was the product manager for VITAL, a Fedora-based product of VTLS Inc. His seven years prior at VTLS were dedicated to digitization and online collection building services for libraries, museums, archives, and historical societies in the U.S. and abroad.

Ed Sequeira
Program Manager, PubMed Central
National Library of Medicine

Ed Sequeira has been with the U.S. National Library of Medicine since 1988. At one point or another, he has had a hand in virtually every facet of the development of PubMed Central (PMC) since it began in 2000. He also has been closely involved with the implementation of NIH's Public Access policy which, though separate from PMC, calls for all NIH-funded journal articles to be deposited and made freely available in PMC. He currently focuses primarily on policy for PMC and related initiatives at NLM, working with publishers, research funders, and other stakeholders.

Leslie Johnston
Chief of Repository Development
Library of Congress

Leslie Johnston's expertise lies in the management of digital initiatives in academic and cultural heritage institutions. She has led large-scale initiatives to develop new digital and web-based resources for teaching and learning in an academic research environment, and guided the integration of these resources into organizational use. Through this work, she has developed an understanding of both the needs of users and the requirements of cultural heritage institutions for creating and maintaining digital collections. Previous to becoming Chief of Repository Development, Ms. Johnston served as Manager, Technical Architecture Initiatives, with the National Digital Information Infrastructure and Preservation Program (NDIIPP) at the Library of Congress and was a Digital Media Project Coordinator.

Before joining the Library of Congress staff, Ms. Johnston was active in the museum automation community within which she worked for various museums, teaching courses on museum systems, founding the online journal eSpectra, editing the print journal Spectra, and serving on the board of the Museum Computer Network (MCN). She was head of digital access services at the University of Virginia Library, head of instructional technology and library systems at Harvard Design School, an academic technology specialist for Art and the Cantor Arts Center at Stanford University Libraries, the documentation coordinator at The Historic New Orleans Collection, and a database specialist at Getty Research Institute.

Ms. Johnston earned her Bachelor's and Master's Degree in Anthropology from the University of California, Los Angeles.

Laine Farley
Executive Director, California Digital Library
University of California

In her role as Executive Director, Ms. Farley provides leadership to the CDL and determines its strategic direction. She is responsible for the organization's overall management, including planning, policy development, and resource allocation.

Ms. Farley has been with the CDL since its inception in 1997 and assumed the position of Executive Director in 2008. Previously, her roles at the CDL have included positions as director of digital library services and deputy university librarian. In addition, she was the user services coordinator and the coordinator of bibliographic policy and services at the UC Division of Library Automation. She has also been a reference librarian and coordinator of bibliographic instruction at UC Riverside, and head of the humanities department at the Steen Library at Stephen F. Austin State University.

Throughout her career, Ms. Farley has worked on a wide range of projects involving bibliographic database design, user interface design, cataloging theory and practice, interlibrary loan processes and standards, government information, digital images and archival finding aids. She has a special interest in identifying emerging service needs in support of scholarship in a digital realm, and developing innovative solutions that blend traditional and new service environments.

Ms. Farley earned a B.A. in Liberal Arts (Plan II), and an M.L.S. degree, both from the University of Texas at Austin.

Brian Wilson
Vice President and Chief Architect for Healthcare & Science
Thomson Reuters

Brian Wilson is Vice President, Chief Architect for the Healthcare & Science business of Thomson Reuters. Currently responsible for enterprise architecture and strategic technology, Brian has held various technology management and advisory roles at Thomson Reuters with a primary focus on the business of science.

While past work includes services development, systems performance, search, big content analytics, emerging technology, and social networking, Brian has recently been a key technical contributor to the Open Researcher and Contributor ID Initiative (ORCID) where he chairs the Technical Working Group and Technical Architecture Group.

Brian holds a bachelor's degree in electrical engineering from the University of Delaware.

When not thinking about the future of science, intellectual property, and healthcare, Brian keeps his daughters entertained with baking cookies and travel to exotic locales.

Judith C. Russell
Dean, University of Libraries of Florida

Judith C. Russell was formerly the Managing Director, Information Dissemination and Superintendent of Documents at the U.S. Government Printing Office (GPO). Russell previously served as Deputy Director of the U.S. National Commission on Libraries and Information Science (NCLIS), and as Director of the Office of Electronic Information Dissemination Services and Federal Depository Library Program at GPO.

Ms. Russell worked for over ten years in the information industry, doing marketing and product development as well as serving as a government-industry liaison. Her corporate experience includes Information Handling Services (IHS) and its parent company, the Information Technology Group; Disclosure Information Group; Lexis-Nexis (then Mead Data Central), and IDD Digital Alliances, a subsidiary of Investment Dealers Digest.

Ms. Russell holds a Master of Science in Library Science (MSLS) from The Catholic University of America in Washington, DC.

Dr. Chris Greer
Associate Director for Program Implementation, Information Technology Laboratory
National Institute of Standards and Technology

Dr. Chris Greer is Associate Director for Program Implementation in the Information Technology Laboratory (ITL) at the National Institute of Standards and Technology (NIST). In this position, he is responsible for strategic planning for information technology initiatives across ITL. Prior to joining NIST, Dr. Greer served as Assistant Director for Information Technology R&D in the White House Office of Science and Technology Policy (OSTP). His responsibilities there included networking and information technology research and development, cybersecurity, and digital scientific data access.

Dr. Greer has also served as Director of the National Coordination Office for the Federal Networking and Information Technology Research and Development (NITRD) Program. This program coordinates IT R&D investments across the Federal government. Prior to undertaking government service, Dr. Greer was a member of the tenured faculty at the University of California, Irvine, where his research focused on gene expression.