



6th International Digital Curation Conference
**“Participation & Practice: Growing the curation community
 through the data decade.”**

Monday 6 December

Wolf Suite, 15th Floor, Chicago Mart Plaza

18.00-20.00	Pre-Conference Drinks Reception Welcome Address Elizabeth C. Babcock, Dean of Education, California Academy of Sciences, San Francisco. (Former Vice President, Education and Library Collection, Field Museum, Chicago.)	Wolf Suite
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Tuesday 7 December

Sauganash Reception & Ballroom 14th Floor, Chicago Mart Plaza

Day 1		
07.30-08.30	Conference Registration, Coffee, and Light Pastries	Sauganash Ballroom Reception
08.30-08.45	Welcome Liz Lyon, Associate Director, Digital Curation Centre & Director, UKOLN & Allen Renear, Associate Dean for Research & Associate Professor, Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign.	Sauganash Ballroom
08.45-09.30	Keynote <i>“Working the crowd: Lessons from Galaxy Zoo”</i> Chris Lintott, Principal Investigator, University of Oxford & Adler Planetarium.	Sauganash Ballroom
09.30-10.15	Keynote <i>“Curation Centres, Curation Services: How Many is Enough?”</i> Kevin Ashley, Director, Digital Curation Centre, University of Edinburgh.	Sauganash Ballroom
10.15-10.45	Coffee All posters and demonstrations available.	Wolf Point Ballroom Reception
10.45-12.15	<i>“ChemSpider as a Platform for Crowd Participation,”</i> Antony Williams , Vice President of Strategic Development, ChemSpider, Royal Society of Chemistry. <i>“The curation challenge for the next decade: Digital overlap strategy or collective brains?”</i> Barend Mons , Scientific Director, Netherlands Bioinformatics Centre & Biosemantics Group, Leiden University Medical Centre. John Unsworth , Dean & Professor, Graduate School of Library and Information Science & Director Illinois Informatics Institute, University of Illinois at Urbana-Champaign.	Sauganash Ballroom
12.15-12.30	Discussion Panel	
12.30-13.30	Lunch All posters and demonstrations available.	Wolf Point Ballroom

13.30-14.00	Minute Madness: Poster/Demo Session	Sauganash Ballroom
14.00-15.00	Community Space Posters, informal meetings, schedule of demos, curation clinics etc.	Wolf Point Reception
14.30-15.00	Tea Served in Community Space session	Wolf Point Reception
15.00-15.30	Best Peer Reviewed Paper <i>"Education for eScience Professionals: Integrating Data Curation and Cyberinfrastructure"</i> Youngseek Kim, Benjamin K. Addom & Jeffrey M. Stanton, Syracuse University. To be introduced by Sheila Corrall , Professor of Librarianship & Information Management, University of Sheffield & Christine Borgman , Professor & Presidential Chair in Information Studies, UCLA.	Sauganash Ballroom
15.30-17.00	Symposium – <i>Libraries, Librarians and Data</i> Sheila Corrall , Professor of Librarianship & Information Management, University of Sheffield & Christine Borgman , Professor & Presidential Chair in Information Studies, UCLA	Sauganash Ballroom
17.00-17.30	Summing-up Clifford Lynch , Executive Director, Coalition for Networked Information.	Sauganash Ballroom
18.30-22.00	Conference Dinner Preston Bradley Hall at the Chicago Cultural Centre. Transportation available, beginning at 18.15. Dinner served at 19.00	

Wednesday 8 December

Day 2		
08.00-08.30	Coffee and Light Pastries	Wolf Point Reception
08.30-08.40	Welcome Kevin Ashley , Director, Digital Curation Centre, University of Edinburgh.	Sauganash Ballroom East
08.40-09.30	Keynote <i>"Managing Research Data at MIT: Growing the Curation Community One Institution at a Time"</i> MacKenzie Smith , Associate Director for Technology, MIT Libraries.	Sauganash Ballroom East
09.30-10.00	Best Student Paper <i>"Linking to Scientific Data: Identity Problems of Unruly and Poorly Bounded Digital Objects"</i> Laura Wynholds , University of California, Los Angeles. To be introduced by Liz Lyon , Associate Director, DCC & Director, UKOLN.	Sauganash Ballroom East
10.00-10.30	Coffee All posters and demonstrations available.	

Paper Presentations
Session 1

10.30-11.30	Parallel A	<p>Curation in Institutions Sauganash Ballroom East</p> <p><i>"Making Digital Curation a Systematic Institutional Function"</i> Christopher Prom, University of Illinois at Urbana Champaign.</p> <p><i>"An Institutional Approach to Developing Research Data Management Infrastructure."</i> James A. J. Wilson, Michael A. Fraser & Luis Martinez Uribe, University of Oxford.</p> <p><i>"Responding to the Call to Curate: Digital Curation in Practice at Penn State University"</i> Patricia Hswe, Michael Giarlo, Michael J. Furlough & Mairead Martin, Penn State University.</p>
11.30-11.45		Discussion/Questions
11.45-12.45		<p>Curation in Institutions (continued) Sauganash Ballroom East</p> <p><i>"A Practice & Value Proposal for Doctoral Dissertation Data Curation"</i> W. Aaron Collie, Michigan State University & Michael Witt, Purdue University.</p> <p><i>"Data Management for All – The Institutional Data Management Blueprint"</i> Kenji Takeda et al, University of Southampton.</p> <p><i>"Research Data Management Initiatives at University of Edinburgh."</i> Robin Rice & Jeff Haywood, University of Edinburgh.</p>
12.45-13.00		Discussion/Questions
10.30-12.30	Parallel B	<p>National Perspectives on Curation Policy Sauganash Ballroom West</p> <p><i>"Data Link Australia"</i> Adrian Burton & Andrew Treloar, Australian National Data Service.</p> <p><i>"Use and Impact of UK research data centres"</i> Ellen Collins, Research Information Network.</p> <p><i>"Beyond the Data Deluge: A Research Agenda for Large-Scale Data Sharing and Reuse"</i> Ixchel Faniel & Ann Zimmerman, University of Michigan.</p> <p><i>"Towards an holistic approach to policy interoperability in digital libraries"</i> Perla Innocenti, MacKenzie Smith, Kevin Ashley, Seamus Ross, Hans Pfeiffenberger, John Faundeen & Antonella De Robbio (various institutions).</p>
12.30-13.00		Panel Discussion

<p>10.30-12.30</p> <p>12.30-13.00</p>	<p>Parallel C</p>	<p>Metadata, Ontologies & the Semantic Web Western Stage</p> <p><i>"An outcome-centric approach to metadata collection, use and display in a large OAIS repository"</i> Kate Zwaard, United States Government Printing Office.</p> <p><i>"Automating the Extraction of Metadata from Archaeological Data Using iRod Rules"</i> David Walling & Maria Esteva, Texas Advanced Computing Centre.</p> <p><i>"Use of Ontologies for data integration and curation"</i> Judith Gelernter, Carnegie-Mellon University & Michael Lesk, Rutgers University.</p> <p><i>"DataStaR: Using the Semantic Web approach for Data Curation"</i> Huda Khan, Brian Caruso, Brian Lowe, Jon Corson-Rikert, Diane Dietrich & Gail Steinhart, Cornell University.</p> <p>Panel Discussion</p>
<p>13.00-14.00</p>	<p>Lunch</p> <p>All posters and demonstrations available.</p>	<p>Wolf Point Ballroom</p>
<p>Paper Presentations Session 2</p>		
<p>14.00-15.30</p>	<p>Parallel A</p>	<p>Digital Curation Education Sauganash Ballroom East</p> <p><i>"Making sense: talking data management with researchers"</i> Catharine Ward & Lesley Frieman, University of Cambridge, Sarah Jones, Laura Molloy & Kellie Snow, University of Glasgow.</p> <p><i>"Educating Digital Curators: Challenges & Opportunities"</i> Peter Botticelli & Bruce Fulton, University of Arizona, Christine Szuter, Arizona State University, Pete Watters, Arizona State Library & Richard Pearce-Moses, Clayton State University.</p> <p><i>"Digital Curation Education in Practice: Catching up with Two Former Fellows"</i> Lisa Gregory, State Library of North Carolina & Samantha Guss, New York University.</p> <p>Discussion/Questions</p>
<p>14.00-15.30</p>	<p>Parallel B</p>	<p>Data Curation Case Studies Sauganash Ballroom West</p> <p><i>"TextGrid – Virtual Research Environment for the Humanities"</i> Heike Neuroth, Felix Lohmeier State & University Library, Gottingen & Kathleen Smith, University of Illinois.</p> <p><i>"The milieu and the MESSAGE: talking to researchers about data curation issues in a large and diverse e-Science project"</i> Martin Donnelly, DCC & University of Edinburgh, Robin North, Imperial College London.</p> <p><i>"Open Science in practice: Researcher Perspectives and Participation"</i> Angus Whyte & Graham Pryor, Digital Curation Centre.</p> <p>Discussion/Questions</p>

14.00-15.30	Parallel C	<p data-bbox="508 231 1084 262">Emulation, Format Conversion & Visualisation</p> <p data-bbox="1271 231 1455 262">Western Stage</p> <p data-bbox="508 279 1455 342"><i>“Dependency Analysis of Legacy Digital Materials to Support Emulation Based Preservation”</i> Aaron Hsu & Geoffrey Brown, Indiana University.</p> <p data-bbox="508 373 1455 436"><i>“What constitutes successful format conversion? Towards a formalisation of intellectual content”</i> C.M.Sperberg-McQueen, Black Mesa Technologies LLC.</p> <p data-bbox="508 468 1455 552"><i>“Assessing the preservation condition of large and heterogeneous electronic records collections with visualizations”</i> Maria Esteva, Weijia Xu, Suyog Dutt Jain & Jennifer Lee, University of Texas at Austin.</p> <p data-bbox="508 594 776 625">Discussion/Questions</p>
15.30-16.00	Tea	Wolf Point Ballroom
16.00-16.45	Closing Keynote	Sauganash Ballroom East
<i>“Open data for open science – physicists and software engineers do it – why can't biologists do it too?”</i> Stephen Friend , President & CEO, Sage Bionetworks.		

Posters

- 121 *"Understanding Research Practice & Enhancing Digital Curation in the Biomedical Domain: Requirements for the Participatory Development of a Pilot Data Management Infrastructure"* Mhorag Goff, Meik Poschen, Rob Procter, June Finch, Simon Collins, Mary McDerby, Jon Besson, Tom Grahame & Lorraine Beard - University of Manchester.
- 138 *"Open Access, Reuse and Preservation of Palæoclimate Data"* Gregory Jean Louis Tourte – University of Bristol.
- 145 *"Who is responsible for data? A case study exploring data authorship, ownership, and responsibility and their implications for data curation?"* Jillian Claire Wallis, Christine L Borgman, Matthew S Mayernik – University of California Los Angeles.
- 151 *"Educating eScience Librarians"* Jian Qin, John D'Ignazio, Megan Oakleaf, Kevin Crowston, & Andrea Wiggins – Syracuse University, Gail Steinhart – Cornell University.
- 152 *"Building Partnerships Between Social Science Data Archives and Institutional Repositories"* Jared Lyle, George Alter & Amy Pienta – ICPSR, University of Michigan.
- 153 *"The Data Discussion Group: Growing a data-curation aware community of librarians"* Dianne Dietrich, Keith Jenkins, Gail Steinhart – Cornell University Library.
- 154 *"Data Management Planning at the Digital Curation Centre"* Martin Donnelly DCC & University of Edinburgh & Sarah Jones DCC & University of Glasgow.
- 156 *"Testing the DAF for Implementation at Georgia Tech"* Susan Wells Parham -Georgia Institute of Technology.
- 157 *"A Virtual Archives and Preservation Curriculum Laboratory at Simmons GSLIS"* Ross Harvey & Martha Mahard – Simmons College.
- 158 *"Digital Preservation Outreach & Education (DPOE) Initiative"* George Coulbourne – Library of Congress.
- 160 *"Establishing a Digital Archive for Fulbright Research on Africa & the Middle East Howard"* Eric Sevan – Fulbright Academy of Science & Technology.
- 161 *"Modelling the Development of Research Data"* Alex Ball – UKOLN, University of Bath, Mansur Darlington & Tom Howard – IdMRC, University of Bath.
- 162 *"Curation of a Disk Image Collection to Support Education"* Kam Woods & Christopher Lee – University of North Carolina.
- 163 *"How to Re-Tool Librarians for Data Curation"* Sherry Lake & Andrew Sallans – University of Virginia Library.
- 164 *"Identifying library services for the future: a focus group of translational researchers"* Taryn Resnick – Texas A&M, University Medical Sciences Library, Susan K Camina & Tania P Bardyn – University of California-Los Angeles, Louise M Darling Biomedical Library.

- 165 *"Enhancing The Recognition, Reusability, And Transparency Of Scientific Data Using Digital Object Identifiers"* Bruce E Wilson — School of Information Sciences, University of Tennessee & Oak Ridge National Laboratory, Tammy W Beaty, Robert B Cook, Christopher W Lenhardt, Jon Grubb, Les A Hook & Carol A Sanderson — Oak Ridge National Laboratory.
- 167 *"An Overview of Arts and Humanities Research Data Infrastructure Initiatives in Germany"* Felix Lohmeier & Heike Neuroth — State and University Library, Goettingen, Germany, Kathleen Marie Smith — University of Illinois at Urbana-Champaign.
- 168 *"Data Curation at UCSD: Partnerships and Networks"* Ardys Kozbial, Mary Linn Bergstrom, Declan Fleming & Bradley Westbrook — University of California San Diego (UCSD), David Minor — San Diego Supercomputer Center (SDSC).
- 169 *"Reconsidering the OAIS Reference Model for Record Management and Archiving in a Cloud Computing Environment"* Jan Askhoj, Shigeo Sugimoto — University of Tsukuba.
- 170 *"A curation-aware repository supporting information-intensive scholarly research"* Costis Dallas, Agiatis Benardou, Dimitris Gavrilis, Panos Constantopoulos — Athena Research Centre.
- 171 *"A Description of Data Citation Instructions in Style Guides"* Mark P Newton & Michael Witt — Purdue University, Hailey Mooney — Michigan State University.
- 172 *"Invisible PREMIS: Uncovering Barriers to Implementation"* Elizabeth E Coburn — University of Illinois.
- 173 *"Incremental: support for managing your research data"* Sarah Jones, Kellie Snow & Laura Molloy — University of Glasgow, Catharine Ward & Lesley Freiman — Cambridge University Library.
- 174 *"A Novel Use of the Data Curation Profile for Enabling International Research Collaboration"* Megan Sapp-Nelson — Purdue University & Zipporah Ropp — Moi University, Kenya.
- 175 *"An iRODS Based Data Replication Service for Institutional Data Curation"* Robert H McDonald, Kurt Seiffert, Jon Dunn, Brian Wheeler, Matt Link & Stephen Simms — Indiana University Chris Jordan — Texas Advanced Computing Center (TACC).
- 177 *"Data citation in the wild"* Valerie Enriquez DataONE & Simmons College, Sarah Walker Judson — DataONE & Brigham Young University, Nicholas M Weber — DataONE & University of Illinois Champaign-Urbana, Suzie Allard — DataONE & University of Tennessee, Robert B Cook & Bruce Wilson — DataONE & Oak Ridge National Laboratory, Heather Piwowar — DataONE & National Evolutionary Synthesis Center, Robert J Sandusky — DataONE & University of Illinois at Chicago, Todd J Vision — DataONE & National Evolutionary Synthesis Center.
- 178 *"Closing the Digital Curation Gap Focus Groups: Establishing a Baseline of Digital Curation Practice and Knowledge"* Christopher A Lee, Heather Bowden, Helen Tibbo — University of North Carolina at Chapel Hill.
- 179 *"Where Are They Now: A Survey of Digital Curation Activities in Cultural Heritage Institutions"* Heather Bowden — University of North Carolina at Chapel Hill.

- 180 *"The CDR Workbench"* Gregory Neil Jansen & Erin O'Meara – University of North Carolina at Chapel Hill.
- 181 *"Archiving the Videogame Software Development Process: Appraisal or Documentation Strategy?"* Megan Alicia Winget & Walker Sampson – University of Texas at Austin.
- 182 *"History Archaeology Linguistics Onomastics & GENetics (HALOGEN): The challenges of an interdisciplinary research database infrastructure"* Jonathan Andrew Tedds, David Carter, Mary Visser & Mark Jobling – University of Leicester.
- 183 *"DigCCurr Professional Institutes – Bridging the Education Gap for Digital Practitioners"* Kaitlin Costello & Helen Tibbo – University of North Carolina at Chapel Hill.
- 184 *"Database as a Service; Sudamih"* Asif Akram – Oxford University.
- 186 *"Creating a Data Management Plan and Other Training Opportunities in the Library"* Lisa R Johnston & Meghan Lafferty – University of Minnesota.
- 187 *"Archivematica: Using Micro-Services and Open-Source Tools to Deliver a Comprehensive Digital Curation System"* Peter Van Garderen – Artefactual Systems.
- 188 *"eBlackChampaign-Urbana: Community Informatics meets Data Curation"* Noah James Lenstra – University of Illinois at Urbana-Champaign.
- 189 *"Marketing a Small-Scale Subject Repository Through Collection Development"* Jessica Madeleine Adamick – University of Massachusetts.

Demos

- 155 *"DMP Online: the Digital Curation Centre's web-based Data Management Planning Tool"* Martin Donnelly – DCC & University of Edinburgh, Sarah Jones, John W Pattenden-Fail – University of Glasgow.
- 166 *"The Dryad Digital Data Repository: Coupling the Publication of Scientific Articles and Data"* Todd J Vision – National Evolutionary Synthesis Center & University of North Carolina at Chapel Hill & Ryan Scherle – University of North Carolina at Chapel Hill.
- 176 *"History Archaeology Linguistics Onomastics & GENetics (HALOGEN): The Roots of the British interdisciplinary research database"* Jonathan Andrew Tedds, Andrew Bradley, David Carter, Mark Jobling, Turi King, Joanna Story, Mark Widdowson & Mary Visser – University of Leicester, Jayne Carroll – University of Nottingham.
- 185 *"Database as a Service: Sudamih"* Asif Akram – Oxford University.