



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 Bernard F. Reilly, President, Center for Research Libraries	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 Wolfpoint Ballroom Reception
08.30-08.45	Welcome Allen Renear, Associate Dean for Research & Associate Professor, Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign & Liz Lyon, Associate Director, Digital Curation Centre & Director, UKOLN.	Sauganash Ballroom
08.45-09.30	Keynote Chair: Liz Lyon, DCC & UKOLN <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 Chair: Liz Lyon, DCC & UKOLN <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	Chair: Allen Renear, University of Illinois at Urbana-Champaign. <i>“ChemSpider as a Platform for Crowd Participation,”</i> Antony Williams, Vice President of Strategic Development, ChemSpider, Royal Society of Chemistry. [Powerpoint Presentation] <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. [Powerpoint Presentation] <i>“Idiosyncrasy at Scale: Data Curation in the Humanities.”</i> 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 Chair: Sayeed Choudhury, Johns Hopkins University [Powerpoint Presentation]	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
15.00-15.05	Welcome Clifford Lynch, Coalition for Networked Information	Sauganash Ballroom
15.05-15.30	Best Peer Reviewed Paper Introduced by Sheila Corral, Professor of Librarianship & Information Management, University of Sheffield & Christine Borgman, Professor & Presidential Chair in Information Studies, UCLA. [Powerpoint Presentation] <i>"Education for eScience Professionals: Integrating Data Curation and Cyberinfrastructure"</i> Youngseek Kim, Benjamin K. Addom & Jeffrey M. Stanton, Syracuse University. [Powerpoint Presentation]	Sauganash Ballroom
15.30-17.00	Symposium – <i>Libraries, Librarians and Data</i> Sheila Corral, 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 Ballroom Reception
08.30-08.40	Welcome Kevin Ashley, Director, Digital Curation Centre, University of Edinburgh.	Sauganash Ballroom East

08.40-09.30	Keynote Chair: Kevin Ashley, DCC & University of Edinburgh <i>"Managing Research Data at MIT: Growing the Curation Community One Institution at a Time"</i> MacKenzie Smith, Associate Director for Technology, MIT Libraries. [Powerpoint Presentation]	Sauganash Ballroom East
09.30-10.00	Best Student Paper Introduced by Joyce Ray, Institute of Museum & Library Services. <i>"Linking to Scientific Data: Identity Problems of Unruly and Poorly Bounded Digital Objects"</i> Laura Wynholds, University of California, Los Angeles.	Sauganash Ballroom East
10.00-10.30	Coffee All posters and demonstrations available.	Wolfpoint Ballroom Reception
Paper Presentations Session 1		
10.30-11.30	Parallel A Curation in Institutions Chair: Simon Hodson, JISC	Sauganash Ballroom East
10.30 - 10.50	<i>"Making Digital Curation a Systematic Institutional Function"</i> Christopher Prom, University of Illinois at Urbana Champaign. [Powerpoint Presentation]	
10.50 - 11.10	<i>"An Institutional Approach to Developing Research Data Management Infrastructure."</i> James A. J. Wilson, Michael A. Fraser & Luis Martinez Uribe, University of Oxford. [Powerpoint Presentation]	
11.10 - 11.30	<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. [Powerpoint Presentation]	
11.30-11.45	Discussion/Questions	
11.45-12.45	Curation in Institutions (continued) Chair: Neil Grindley, JISC	Sauganash Ballroom East
11.45 - 12.05	<i>"A Practice & Value Proposal for Doctoral Dissertation Data Curation"</i> W. Aaron Collie, Michigan State University & Michael Witt, Purdue University. [Powerpoint Presentation]	
12.05 - 12.25	<i>"Data Management for All – The Institutional Data Management Blueprint"</i> Wendy White, Kenji Takeda, Mark Brown, Simon Coles, Les Carr, Graeme Earl, Jeremy Frey, Peter Hancock, Fiona Nichols, Michael Whitton, Henry Gibbs, Christine Fowler, Pam Wake & Steve Patterson, University of Southampton. [Powerpoint Presentation]	
12.25 - 12.45	<i>"Research Data Management Initiatives at University of Edinburgh."</i> Robin Rice & Jeff Haywood, University of Edinburgh. [Powerpoint Presentation]	
12.45-13.00	Discussion/Questions	

10.30-12.30	Parallel B	National Perspectives on Curation Policy Chair: Lucy Nowell, Department of Energy	Sauganash Ballroom West
10.30 - 11.00		<i>"Data Link Australia"</i> Adrian Burton & Andrew Treloar, Australian National Data Service. [Powerpoint Presentation]	
11.00 - 11.30		<i>"Use and Impact of UK research data centres"</i> Ellen Collins, Research Information Network. [Powerpoint Presentation]	
11.30 - 12.00		<i>"Beyond the Data Deluge: A Research Agenda for Large-Scale Data Sharing and Reuse"</i> Ixchel Faniel & Ann Zimmerman, University of Michigan. [Powerpoint Presentation]	
12.00 - 12.30		<i>"Towards an holistic approach to policy interoperability in digital libraries"</i> MacKenzie Smith, Kevin Ashley, Perla Innocenti, Seamus Ross, Hans Pfeiffenberger, John Faundeen & Antonella De Robbio (various institutions).	
12.30-13.00		Panel Discussion	
10.30-12.30	Parallel C	Metadata, Ontologies & the Semantic Web Chair: Carl Lagoze, Cornell University	Western Stage
10.30 - 11.00		<i>"An outcome-centric approach to metadata collection, use and display in a large OAIS repository"</i> Kate Zwaard, United States Government Printing Office. [Powerpoint Presentation]	
11.00 - 11.30		<i>"Automating the Extraction of Metadata from Archaeological Data Using iRod Rules"</i> Maria Esteva & David Walling, Texas Advanced Computing Centre. [Powerpoint Presentation]	
11.30 - 12.00		<i>"Use of Ontologies for data integration and curation"</i> , Michael Lesk, Rutgers University & Judith Gelernter, Carnegie-Mellon University [PDF Presentation]	
12.00 - 12.30		<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. [Powerpoint Presentation]	
12.30-13.00		Panel Discussion	
13.00-14.00	Lunch All posters and demonstrations available.		Wolf Point Ballroom
Paper Presentations Session 2			
14.00-15.30	Parallel A	Digital Curation Education Chair: Helen Tibbo, University of North Carolina, Chapel Hill	Sauganash Ballroom East
14.00 - 14.20		<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. [Powerpoint Presentation]	

14.20 - 14.40		<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.
14.40 - 15.00		<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. [Powerpoint Presentation]
15.00-15.30		Discussion/Questions
14.00-15.30	Parallel B	Data Curation Case Studies Sauganash Ballroom West Chair: William Michener, University of New Mexico
14.00 - 14.20		<i>"TextGrid – Virtual Research Environment for the Humanities"</i> Felix Lohmeier & Heike Neuroth, State & University Library, Gottingen & Kathleen Smith, University of Illinois. [Powerpoint Presentation]
14.20 - 14.40		<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. [Powerpoint Presentation]
14.40 - 15.00		<i>"Open Science in practice: Researcher Perspectives and Participation"</i> Angus Whyte & Graham Pryor, Digital Curation Centre. [Powerpoint Presentation]
15.00-15.30		Discussion/Questions
14.00-15.30	Parallel C	Emulation, Format Conversion & Visualisation Western Stage Chair: Nancy McGovern, ICPSR
14.00 - 14.20		<i>"Dependency Analysis of Legacy Digital Materials to Support Emulation Based Preservation"</i> Aaron Hsu & Geoffrey Brown, Indiana University. [Powerpoint Presentation]
14.20 - 14.40		<i>"What constitutes successful format conversion? Towards a formalisation of intellectual content"</i> C.M.Sperberg-McQueen, Black Mesa Technologies LLC.
14.40 - 15.00		<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. [Powerpoint Presentation] [QuickTime Demonstration]
15.00-15.30		Discussion/Questions
15.30-16.00	Tea	Wolf Point Ballroom
16.00-16.45	Closing Keynote Chair: Kevin Ashley, DCC	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. [PDF Presentation]

Posters

- 117 *"Effective Data Management in Africa"* Lynn Woolfrey, University of Capetown. [\[PDF\]](#)
- 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. [\[PDF\]](#)
- 138 *"Open Access, Reuse and Preservation of Palaeoclimate Data"* Gregory Jean Louis Tourte – University of Bristol. [\[PDF\]](#)
- 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. [\[PDF\]](#)
- 151 *"Educating eScience Librarians"* Jian Qin, John D'Ignazio, Megan Oakleaf, Kevin Crowston, & Andrea Wiggins – Syracuse University; Gail Steinhart – Cornell University. [\[PDF\]](#)
- 152 *"Building Partnerships Between Social Science Data Archives and Institutional Repositories"* Jared Lyle, George Alter & Amy Pienta – ICPSR, University of Michigan. [\[PDF\]](#)
- 153 *"The Data Discussion Group: Growing a data-curation aware community of librarians"* Dianne Dietrich, Keith Jenkins & Gail Steinhart – Cornell University Library. [\[PDF\]](#)
- 154 *"Data Management Planning at the Digital Curation Centre"* Martin Donnelly – DCC/ University of Edinburgh; Sarah Jones – DCC/University of Glasgow. [\[PDF\]](#)
- 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. [\[PDF\]](#)
- 158 *"Digital Preservation Outreach & Education (DPOE) Initiative"* George Coulbourne – Library of Congress.
- 161 *"Modelling the Development of Research Data"* Alex Ball – DCC/UKOLN, University of Bath; Mansur Darlington & Tom Howard – IdMRC, University of Bath. [\[PDF\]](#)
- 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. [\[PDF\]](#)
- 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. [\[PDF\]](#)

- 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. [\[PDF\]](#)
- 167 *"An Overview of Arts and Humanities Research Data Infrastructure Initiatives in Germany"* Felix Lohmeier & Heike Neuroth – State and University Library, Göttingen, 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). [\[PDF\]](#)
- 169 *"Reconsidering the OAIS Reference Model for Record Management and Archiving in a Cloud Computing Environment"* Jan Askhoj & Shigeo Sugimoto – University of Tsukuba. [\[PDF\]](#)
- 170 *"A curation-aware repository supporting information-intensive scholarly research"* Costis Dallas, Agiatis Benardou, Dimitris Gavrillis & 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. [\[PDF\]](#)
- 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. [\[PDF\]](#)
- 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. [\[PDF\]](#)

- 179 *"Where Are They Now: A Survey of Digital Curation Activities in Cultural Heritage Institutions"* Heather Bowden – University of North Carolina at Chapel Hill. [[PDF](#)]
- 180 *"The CDR Workbench"* Gregory Neil Jansen & Erin O'Meara – University of North Carolina at Chapel Hill. [[PDF](#)]
- 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. [[PDF](#)]
- 183 *"DigCCurr Professional Institutes – Bridging the Education Gap for Digital Practitioners"* Kaitlin Costello & Helen Tibbo – University of North Carolina at Chapel Hill. [[PDF](#)]
- 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. [[PDF](#)]
- 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. [[PDF](#)]
- 190 *"Ecological Data Sharing: an example of the Brazilian Program for Biodiversity Research (PPBio)"* Flávia Pezzini – Instituto Nacional de Pesquisas da Amazônia (INPA), Brazil; Debora Drucker – State University of Campinas (UNICAMP), Brazil; Dayane Oliveira, Rainer Amorim & William Magnusson – INPA; Maria Luiza Braz Alves – Ministério de Ciência e Tecnologia, Brazil [[PDF](#)]
- 191 *"The BIOTA/FAPESP Program: The Virtual Institute of Biodiversity"* Debora Drucker, Carlos Alfredo Joly & Jose Augusto Salim – State University of Campinas (UNICAMP), Brazil [[PDF](#)]

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.