InterPARES 3 Project
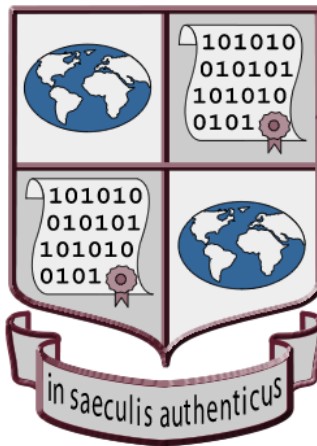International Research on Permanent Authentic Records in Electronic Systems

3rd International Symposium

in saeculis authenticus

Saturday, 29 May 2010
The University of British Columbia
Vancouver, BC, Canada

Morning Sessions

08:00 - 08:45   **Registration**

08:45 - 09:00   **Welcoming Address**—*John Hepburn; Vice-President Research, The University of British Columbia*

09:00 - 09:15   **InterPARES 3 Overview**—*Luciana Duranti; InterPARES Project & TEAM Canada Director*

09:15 - 11:00   **SESSION 1: General Studies in Support of Action Research Across Continents**

This session will discuss research that affects all case studies across the InterPARES TEAMs, with a focus on ensuring that there is clear communication among all the researchers; that the pervasive issue of e-mail is consistently addressed; that the impact of the organizational culture of each test-bed is taken into account; and that the issues related to the use of social media for business purposes are addressed.

Chair: *Luciana Duranti*

1. **Terminology**—*Claudia Lacombe*
2. **Organizational Culture**—*Elaine Goh*
3. **Social Media**—*Elizabeth Shaffer*
4. **E-mail Preservation**—*Massimiliano Grandi*

11:00 - 11:15   Coffee Break

11:15 - 13:00   **SESSION 2: Comparing Apples & Oranges: A Tale of Four BC Cities**

This session will present the different ways in which four cities belonging in the same geographical and juridical context have chosen to address digital records issues, thereby revealing the impact of organizational culture on the process of developing solutions.

Chair: *Jim Suderman*

1. **Vancouver**—*Glenn Dingwall*
2. **Victoria**—*Donald Force*
3. **North Vancouver**—*Janet Turner*
4. **Surrey**—*Lois Enns*

13:00 - 13:45   Lunch Break

13:45 - 15:30   SESSION 3: STRUCTURED/CONTROLLED VS. UNSTRUCTURED/ UNCONTROLLED ENVIRONMENTS

This session will contrast the very different kinds of digital records management and preservation challenges that confront structured/controlled and unstructured/uncontrolled environments and identify possible of ways of overcoming these challenges. It is this contrast that is at the root of the decision by TEAM Canada to carry out the organizational culture general study, which is being used to support the case studies research of all TEAMs.

Chair: *Yvette Hackett*

1. **Academic Institutions**—*Lara Wilson*
2. **Art Institutions**—*Harrison Inefuku*
3. **Financial Institutions**—*Alicia Barnard*
4. **Law Enforcement Institutions**—*Adam Jansen*

15:30 - 15:45   Coffee Break

15:45 - 17:30   SESSION 4: PERVASIVE ISSUES OF DIGITAL PRESERVATION

This session will discuss some of the digital preservation issues that are common across test-beds and countries, regardless of cultural context or type of institutional environment.

Chair: *John McDonald*

1. **Vital Records**—*Miquel Serra*
2. **XML**—*Eun Park*
3. **E-mail**—*Özgür Külcü*
4. **Metadata**—*Joe Tennis*

17:30 - 18:00   Question & Answer Period—*Luciana Duranti and other TEAMs' Directors*

The **International Research on Permanent Authentic Records in Electronic Systems (InterPARES) Project** aims at developing the knowledge essential to the long-term preservation of authentic records created and/or maintained in digital form and providing the basis for standards, policies, strategies and plans of action capable of ensuring the longevity of such material and the ability of its users to trust its authenticity. InterPARES has developed in three phases:

InterPARES 1 was initiated in 1999 and concluded in 2001. It focused on the development of theory and methods ensuring the preservation of the authenticity of records created and/or maintained in databases and document management systems in the course of administrative activities, and took the perspective of the preserver.

InterPARES 2 was initiated in 2002 and concluded in 2007. In addition to dealing with issues of authenticity, it delved into the issues of reliability and accuracy during the entire lifecycle of records, from creation to permanent preservation. It focused on records produced in complex digital environments in the course of artistic, scientific and governmental activities.

InterPARES 3 was initiated in 2007 and will continue through 2012. This third phase of the Project, which builds upon the findings of Inter-PARES 1 and 2, as well as of other digital preservation projects worldwide, is an international collaborative endeavour composed of several regional, national and multinational research teams. The Direction of the entire 5-year Project is funded by Canada's Social Sciences and Humanities Research Council's (SSHRC) Community-University Research Alliances (CURA) grant, which also supports TEAM Canada, the name of which derives from the specific title given to this third phase of the Project, "Theoretical Elaborations into Archival Management (TEAM): Implementing the theory of preservation of authentic records in digital systems in small and medium-sized archival organizations."
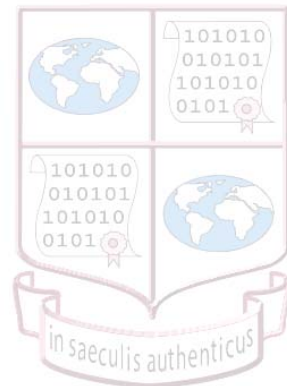
The Project's International Alliance comprises fifteen research TEAMs: Canada (including United States partners), Africa, Brazil, Catalonia,

China, Colombia, Italy, Korea, Malaysia, Mexico, Netherlands and Belgium, Norway, Singapore, Turkey and the United Kingdom and Ireland.

Researchers involved in this third phase are working to translate the theory and methods of digital preservation developed by InterPARES and by other research endeavours to date into concrete action plans for existing bodies of records that are to be kept over the long term by archives—and archival/records units within organizations—endowed with limited resources. In the process, detailed knowledge is being developed on; (1) how general theory and methods can be implemented in small and medium-sized archives and units and become effective practices; (2) what factors determine the type of implementation that is appropriate for each body of records in each context; and (3) what skills professionals will require to conduct such operations.

On this basis, teaching modules will be developed for in-house training programs, continuing education workshops, and academic curricula that will provide professionals with the competence not only to preserve over the long term society's documentary heritage in digital form, but also to ensure the accountability of organizations and institutions through the protection of the accuracy and authenticity of the digital information they produce.

More information about past and present research activities, findings and products for all three phases of the InterPARES Project is available on the Project's public Web site at www.interpares.org.

Alicia Barnard is currently an independent consultant for records and archives. Her most recent work includes research on digital records and their preservation for Banco de México (2008-2009) and for the Federal Elections Court (2010). From 1990 to 2008, she was Director of the Documentation Centre at the Federal Ministry of Health in México, where she was responsible for coordinating the Ministry's records and archives units and developing its records management regulations. She has been an instructor on records management and archival preservation for courses offered by the Ministry as well as National University of Mexico, the University of San Luis Potosi State and the General Archives of Mexico. She has presented or published more than 40 papers and articles on records management standards and on digital records maintenance and preservation. She was a member of the Caribbean and Latin American InterPARES Dissemination (CLAID) Team (2005-06), and was the former Director of TEAM Mexico in the InterPARES 3 Project.

Glenn Dingwall is a Digital Archivist at the City of Vancouver Archives. Over the past seven years, he has worked for the City of Vancouver as both an archivist and records manager. In his current role, he is the head of the City's Digital Archives program, which is in the process of building an OAIS-compliant digital repository based predominantly on the use of open source software and standards. He holds an MAS degree from the School of Library, Archival and Information Studies at the University of British Columbia (2003). He was a Graduate Research Assistant for the InterPARES 2 Project, and currently is a professional/community researcher for the InterPARES 3 Project.

Luciana Duranti is Chair of the Archival Studies Master's and Doctoral programs of the School of Library, Archival and Information Studies of the University of British Columbia, and Professor of archival theory, diplomatics, and the management of digital records. She is Project-Director of InterPARES, for which she received the Killam Research Prize (2005), the Jacob Biely Research Prize, the UBC's "premier research award" (2006), the Emmett Leahy Award (2006) and the British Columbia Innovation Council Award, which is annually presented to "an individual who has opened new frontiers to scientific research" (2006). She also directs the Digital Records Forensics, and the Digital Recordkeeping Curriculum Resources projects and is a co-investigator for the Universities Institutional Repositories: Copyright and Long-term Preservation Project. She publishes widely on archival education, history and theory, and on diplomatics. More information is available on her Web site at www.lucianaduranti.ca.

Lois Enns is a graduate of the University of Toronto's Masters of Information degree, where she specialized in Information System Design and Archives Science. After working at the District of West Vancouver as District Archivist and then Records Manager, she moved to the City of Surrey, where she administers the corporate records program and is currently working on a project to implement an enterprise content management system. She has been involved in the InterPARES 3 Project as a professional/community researcher for the City of Surrey case study since 2008.

Donald Force is a doctoral candidate in the Library, Archives, and Information studies program at the University of British Columbia, focusing on the relationship between archival science and law. Specifically, he is interested in the effects that e-discovery and the admissibility of electronic evidence have on archival principles and practices. He has been working as a Graduate Research Assistant for the InterPARES 3 Project since 2007 and for the Digital Records Forensics Project since 2008. Donald received his MLS and MIS degrees from Indiana University (Bloomington, IN) in 2007; he also holds an MA in history from Southern Illinois University Carbondale.

Elaine Goh is a doctoral student at the School of Library, Archival and Information Studies at the University of British Columbia, where she works as a Graduate Research Assistant with the InterPARES 3 Project. She graduated from the MAS Program at SLAIS in 2002 and was involved in the InterPARES 2 Project as a representative from the National Archives of Singapore. She currently is on leave from the National Archives of Singapore, where she has worked since 1997, most recently in the capacity of Assistant Director of Records Management from 2007-09. Her research interest is on accounting records and the context of record creation, including organizational culture.

Massimiliano Grandi graduated in Greek History in 1996 from the University of Florence, and in 1999 from the University of Rome with a degree in Archival Science. He has been working as an archivist and records manager since 1996. In May 2010, he earned a Certificate of Advanced Study at the School of Library, Archival and Information Studies at the University of British Columbia. Since 2001, he has dealt with mark-up based languages (SGML, XML, XSLT, RDF, EAD, EAC...) and their applications to records and archives, above all for long-term preservation purposes. He has written for iged.it, an Italian quarterly magazine that addresses the application of new technologies to document and records management. Since 2006, he has been working as Archivist

and Records Manager for the International Crime Analysis Association, a private research institute for criminology established in 1999 and with its main offices in Rome, Italy; he now represents them abroad. Currently, he is a member of TEAM Italy in the InterPARES 3 Project.

Yvette Hackett is a Project Archivist at Library and Archives Canada (LAC), an institution that was formally created on May 21, 2004. Prior to that, she worked in one of LAC's antecedent institutions—the National Archives of Canada—for almost twenty years where she worked first with moving image and sound records. She has since worked with textual and non-textual digital records in both the federal government and private-sector areas of the institution. In recent years, her work has increasingly focused on international research into the acquisition and preservation of digital records. In 2004, her work at LAC expanded to include participation in the International Internet Preservation Consortium, which focuses on the long-term preservation of Web sites. She has participated in all three phases of the InterPARES Project: she was a member of the Authenticity Task Force of InterPARES 1, served as chair of the Focus Group on Artistic Activities in InterPARES 2, and currently serves as a collaborator in InterPARES 3.

Harrison W. Inefuku is currently enrolled in the Dual MAS/MLIS Program at the University of British Columbia, where he works as a Graduate Research Assistant for the InterPARES 3 Project. Prior to attending UBC, he received degrees in Graphic Design and Visual Culture from the University of the Pacific in Stockton, California.

Adam Jansen is a doctoral student at the School of Library, Archival and Information Studies at the University of British Columbia, where he works as a Graduate Research Assistant with the InterPARES 3 Project and the Digital Records Forensics Project. He is an internationally recognized expert in the field of digital archiving and an information management consultant specializing in government record preservation. Prior to starting his consulting career, he spent seven years in Washington state government, first managing the image operation for the Dept of Retirement where he directed the conversion of 24 million documents into a state of the art imaging system, then at the State Archives where he designed, built and managed an award winning, first of its kind digital archives dedicated to the preservation of state and local records.

Özgür Külcü is an Assistant Professor in the Department of Information Management at Hacettepe University, Beytepe Campus, Turkey. He received an MS degree in Library and Information Science from Hacettepe University and a PhD degree in Records Management from the same university in 2005. He also prepared a post-doctoral study at the University of British Columbia. He currently runs graduate and undergraduate courses on institutional information and records management at Hacettepe University. His research interests include records management, intuitional information management, e-government applications and quality management, particularly the analysis of institutional administrative systems. Since 2007, he has served as Director of TEAM Turkey in the InterPARES 3 Project .

John McDonald is an independent consultant specializing in records and information management. During a career of over 25 years (1975-2000) with the National Archives of Canada, he held a number of positions from data archivist with the Machine Readable Archives Division (through the 1970s) to Director responsible for facilitating the management of records (with an emphasis on electronic records) across the Government. In his consulting career, he has developed strategic and operational plans for enhancing the management of information and records in public sector organizations and designed and delivered numerous workshops and course programs in universities, community colleges and government training centers. He has also authored or contributed to government-wide guides and standards on the management of government information and published numerous articles in leading archives and records management journals. He is a past Chair of the Committee on Electronic Records of the International Council on Archives, and founder and past Chair of the Canadian Federal Government's Information Management Forum. He has participated in all three phases of the InterPARES Project: he was a researcher with the Canadian Team of InterPARES 1, sat as a member of the Advisory Board in InterPARES 2, and currently serves as a collaborator in InterPARES 3.

Eun G. Park is an Associate Professor in the School of Information Studies at McGill University. She holds a PhD from the University of California, Los Angeles. Her research interests include metadata, digital archives, digital preservation, electronic records management systems, digital resources management, and social aspects of information technology. She was a co-investigator with the InterPARES 2 Project and currently is an academic researcher for TEAM Korea in InterPARES 3 Project.

Claudia Lacombe Rocha has worked as an archivist at the National Archives of Brazil since 1989, where, for the last seven years, she has been in charge of the Electronic Records Management and Preservation Task Force. She is also President of the Electronic Records Committee at the National Council on Archives of Brazil and is Director of TEAM Brazil in the InterPARES 3 Project. She received a Bachelor's degree in History from Pontifícia Universidade Católica do Rio de Janeiro (1987) and an MA in Informatics from Universidade Federal do Rio de Janeiro (2003).

Miquel Serra received his Bachelor's degree in History from the Universitat de Girona (1999) and his Master's degree in Records Management and Archival Studies from Universitat Autònoma de Barcelona and Associació d'Arxivers de Catalunya (2002). Since 2002, he has been working in public archives as an Assistant Technician in Arxiu Històric Comarcal de Santa Coloma de Farners, Arxiu Nacional de Catalunya and Arxiu Municipal de Vidreres and as Records Manager and Archivist of Universitat de Girona Archives. He is working with different teams of records managers and archivists in Catalan (Grup de Gestió Documental, Workflow and iArxiu—Associació Catalana d'Universitats Públiques, 2008) and Spanish (Grup de Gestió Documents Electrònics—Confereneica de Archiveros Universitarios, 2008) universities and in the Catalonia government (Grup d'Avaluació i Tria Documental d'Universitats—Generalitat de Catalunya, 2005, and Grup Innovació Tecnològica—Generaltiat de Catalunya, 2009). He is on the Board of the Assoicació d'Arxivers de Catalunya (2005). Since 2007, he has served as Director of TEAM Catalonia in the InterPARES 3 Project.

Elizabeth Shaffer is a doctoral student at the School of Library, Archival and Information Studies at the University of British Columbia, where she works as a Graduate Research Assistant for the InterPARES 3 Project and for the University Institutional Repositories: Copyright and Long-term Preservation Project. She has a background in communications and journalism. Her research interests include social media, privacy, and copyright and intellectual property.

Jim Suderman is Manager of Client Services, Records and Information Management, for the City of Toronto. Previously he worked as the Electronic Records Program Coordinator and as a Senior Archivist at the Archives of Ontario. He was a co-investigator with the InterPARES 2 Project, where he served as Co-chair of the Policy Cross-domain Task Force (2004-2006), and currently is a professional/community researcher for the InterPARES 3 Project.

as Co-chair of the Policy Cross-domain Task Force (2004-2006), and currently is a professional/community researcher for the InterPARES 3 Project.

Joseph T. Tennis is an Assistant Professor at the Information School of the University of Washington, a member of the Textual Studies faculty at UW, an Associate Member of the Peter Wall Institute for Advanced Study at The University of British Columbia, and Reviews Editor for *Knowledge Organization*. He is also a member of the Dublin Core Usage Board (an international standards body that works toward the implementation and maintenance of interoperable metadata). He holds a BA in Religious Studies. He received an MLS degree from Indiana University and a PhD in Information Science from the University of Washington. He works in classification theory, the versioning of classification schemes and thesauri (a.k.a. subject ontogeny), and the comparative discursive analysis of metadata creation and evaluation, both contemporary and historical. He was a co-investigator with the InterPARES 2 Project, where he served as Chair of the Terminology Cross-domain Task Force (2005-06), and currently is an academic researcher for the InterPARES 3 Project.

Janet Turner holds an MAS degree from the University of British Columbia's School of Library, Archival and Information Studies. She has spent most of her 20-year career working in municipal archives, from large to small: City of Vancouver, City of Surrey, Strathcona County in Alberta and, currently, the North Vancouver Museum and Archives. In a brief career side-trip, she compiled the BC Thesaurus of Indexing Terms, including the addendum of Municipal and Local terms. She has been involved in the InterPARES 3 Project as a professional/community researcher for the North Vancouver Museum and Archives case study since 2007.

Lara Wilson is the University Archivist at the University of Victoria and holds an MAS degree from the University of British Columbia and an MA (History in Art) from the University of Victoria. She has served on the Board of the Canadian Council of Archives as secretary treasurer and currently as a special advisor, and was the Archives Association of British Columbia President from 2002 to 2003 and 2007 to 2009. Lara was a Graduate Research Assistant for the InterPARES 1 Project, and currently is a professional/community researcher for the InterPARES 3 Project.

Contact Information

The InterPARES Project
Suite 470 - 1961 East Mall
The Irving K. Barber Learning Centre
School of Library, Archival & Information Studies
The University of British Columbia
Vancouver, BC V6T 1Z1 Canada
Tel: +1 (604) 822-2694
Fax: +1 (604) 822-6006

Dr. Luciana Duranti, Project Director
+1 (604) 822-2587
luciana.duranti@ubc.ca

Randy Preston, Project Coordinator
+1 (604) 822-2694
interpares.project@ubc.ca

For more information, visit our Web site at:
www.interpares.org

Project Funding

a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

THE UNIVERSITY OF BRITISH COLUMBIA
S L A I S
SCHOOL OF LIBRARY, ARCHIVAL & INFORMATION STUDIES

Social Sciences and Humanities
Research Council of Canada

Conseil de recherches en
sciences humaines du Canada

Canada