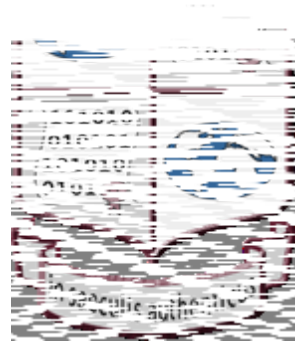# InterPARES 2 Project

International Research on Permanent Authentic Records in Electronic Systems

The InterPARES Project

An International Collaboration for Digital Preservation

DigCCurr 2007

- *Philip B. Eppard*
  - *Co-chair, U.S. InterPARES Research Team*

Background to InterPARES

- First UBC Project, 1994-1997
- Creating and maintaining records
- Authenticity of records
- DoD 5015.2 standard for electronic records management systems

InterPARES 1
1999 - 2001

- 13 countries in 4 continents, 60 researchers

- Public and private sectors

- Professional stakeholders and academics

- Archival science, diplomatics and records management, plus computer science and engineering, jurisprudence, policy

InterPARES 1
Purpose

- To develop the theoretical and methodological knowledge essential for the permanent preservation of records generated electronically.

- To formulate model policies, strategies, and standards capable of ensuring their preservation.

InterPARES 1
Key Products

- Activity models for the selection and preservation functions

- Framework for requirements for assessing & maintaining authenticity of electronic records

  - Benchmark requirements supporting the presumption of authenticity

  - Baseline requirements supporting the production of authentic copies of electronic records

InterPARES Project
Philip Eppard
Co-chair, U.S. InterPARES

Benchmark Requirements

- Maintain expression of record attributes relating to identity and integrity

- Control access privileges

- Protective procedures to prevent loss or corruption of records

- Protective procedures to prevent media deterioration

- Procedures for maintaining documentation

Baseline Requirements

◆ Maintain controls over records transfer, maintenance, and reproduction

◆ Retain documentation of reproduction process and its effects

◆ Capture changes to records through archival description

InterPARES 2
2002 - 2006

- 15 countries in 4 continents, 74 researchers
- Public and private sectors
- Academics and professional stakeholders
- Expanded interdisciplinary team, adding researchers from various sectors of the arts and sciences to team of archivists, preservationists, computer scientists and engineers, legal and policy experts.

InterPARES 2
Purpose

- Focus on newer kinds of electronic records: dynamic, interactive, experiential

- Develop understanding of their creation, maintenance, and preservation

- Develop methods for creating, maintaining, and preserving accurate, authentic, and reliable records in the arts, sciences, and government

Project Organization

- Research Domains
  - Records Creation and Maintenance
  - Authenticity, Accuracy and Reliability
  - Methods of Appraisal and Preservation
- Focus Areas
  - Arts activities
  - Science activities
  - E-Government activities

Project Organization (cont.)

- Cross-Domain Research Groups
  - Description (Metadata)
  - Modeling
  - Policy
  - Terminology

InterPARES 2
Methodology

- Literature reviews
- Case studies
- Surveys and general studies
- Modeling: Data Flow diagrams, IDEF0, UML
- Literary warrant analysis

Case Study Research

- Case studies of dynamic, interactive, and experiential records in the arts, science and government

- Intensive, structured interviews based on set of 23 questions that researchers need to answer

- Case study findings essential for providing data to answer IP research questions

InterPARES 2 Key Products

- Manage Chain of Preservation Model
- Business Driven Recordkeeping Model
- Principles for Records Creators & Preservers
- Guidelines for Digital Records' Preservation
- Guidelines for Individuals
- Metadata and Archival Description Registry and Analysis System (MADRAS)
- Terminology database

InterPARES and Digital Curation

- Training new researchers and educators
- Case study methodology and examples
- Integrating preservation with other processes
- Metadata schema analysis
- Policy recommendations

Further Information

- InterPARES Website:
  www.interpares.org

- U.S. InterPARES Website:
  www.gseis.ucla.edu/us-interpares

- MADRAS:
  www.gseis.ucla.edu/us-interpares/madras