

Challenges and Opportunities



Common Pedigree Research Issues

- Record Linkage
- Data Standardization
- Efficient Data Access
- Expert Finding

Family History Technology Research Issues

- Digital Image Processing
 - Indexing
 - Delivery
 - Conversion and Storage
 - Enhancement
- Simplification for Users
 - Context-Sensitive Help
 - Catalog-Data Extraction
 - Language Translation
 - Indexing External Data
- Digital Data
 - Preservation
 - Future Digital Data Access

Panel Discussion - Issues

- Other Disciplines - Participants Needed
 - Genealogy and Family History
 - Geography and GIS
 - Library Science
 - Social Sciences – what's really wanted?
- User Friendly Systems Needed
- Catalog Resources – Automate Indexing
 - Unknown Resources
 - Inconsistent Keyword Indexes
 - Insufficient Information On-line

Panel Discussion - Issues

- Advance the Data Pipeline
 - Scanning
 - Recognition - semiautomatic
 - Fact Extraction – specialize for genealogy
 - Search Ranking
 - Specialized for genealogy
 - Rules for ranking in a multidimensional space
- One grand pedigree
 - Automate as much as possible
 - Synergistically obtain the rest
 - Partial match completion
 - Automatic extraction, where possible

Panel Discussion - Audience

- Open Source
- Privacy
- Security
- Hidden Data
 - Web
 - Archives
- Multilingual Phonetics
- Collaboration