# BRIGHAM YOUNG UNIVERSITY

# Family History
## TECHNOLOGY WORKSHOP

### March 20, 2014
#### BYU Campus, Provo

## SCOPE OF THE WORKSHOP

The 2014 Family History Technology Workshop (fht.byu.edu) will feature technical presentations and a demo session that will bring together researchers, developers, and users with emerging technology. Presentations and demos will focus on enabling technologies and solutions to problems that impact family history and genealogical research.

## WHO SHOULD ATTEND

We invite software developers, researchers, technology professionals from industry and academia, and all who enjoy presenting and learning about emerging technologies as they apply to family history and genealogy.

## TOPICS OF INTEREST

Topics for presentations, demos and publication include:
- Data modeling and extraction of names/places/dates
- Schemas for data mark-up and search
- Genealogical search engines and indexing
- Record linkage, merging and record management
- Trees, managing relationships, matching algorithms
- Collaborative social networks and community building
- Human interfaces, data visualization, display technologies
- Hand-held/mobile technologies and applications
- Information integration and delivery systems
- Digital document acquisition, processing and recognition
- Handwriting recognition and automatic record transcription
- Machine learning, expert and intelligent systems
- Automated research and collaboration assistants
- Cloud computing and security
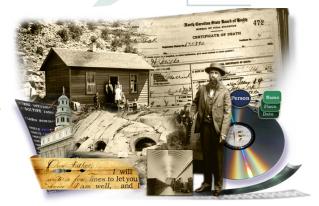- Languages and natural language processing
- Open source

## HOW TO SUBMIT

Authors should submit a one-page Abstract by February 20, 2014 to Daniel Zappala at zappala@cs.byu.edu. Submissions will be peer reviewed by at least two members of the program committee. There will also be an award for the top student paper.

## DEMO SESSION

If you would like to present your work at the demo session, please email Doran Wilde at doran_wilde@byu.edu.

Previous Family History Technology Workshops: fht.byu.edu

## To Register, Visit: **fht.byu.edu**

## IMPORTANT DATES

Abstract due (one page):
**February 20, 2014**

Notification of Acceptance:
**March 8, 2014**

Full (four-page) Paper Submission:
**March 15, 2014**

Workshop:
**March 20, 2014**

## Workshop Program Committee

**Program Chair:** Daniel Zappala, BYU
**General Chair:** Bill Barrett, BYU CS
**Demo Chair:** Doran Wilde, BYU ECEn

### Program Committee:

Alan Cannaday, FamilySearch
Sue Dintelman, Pleiades Software
Kirk Duffin, NIU
Dave Embley, FamilySearch/BYU CS
Christophe Giraud-Carrier, BYU CS
Derek Hansen, BYU IT
Doug Kennard, Historic Journals
Deryle Lonsdale, BYU Linguistics
James Mayfield, APL/JHU HLT
Heath Nielson, FamilySearch
Oliver Nina, UCF
Shawn Reid, Ancestry
Patrick Schone, FamilySearch
Tom Sederberg, BYU CS
Doran Wilde, BYU ECEn
Randy Wilson, FamilySearch
Scott Woodfield, BYU CS